

you can hear it

www.takstar.com

TAKSTAR®

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TAKSTAR®

2018 Catalogue

2018 Catalogue
China Famous Trademark

TAKSTAR®

Company Introduction

Established in 1995, Takstar is a leading producer in electro-acoustic industry, commencing as a microphone manufacturer, its product range has grown up to become diversified, which comprises professional microphone, headphone, voice amplifier, integrated application products and audio system.

With a large production building area(Industrial Park Size: 30,000m²; Entrepreneurial Park Size: 180,000m²), 1800 employees, complete processing workshops and advanced equipments, Takstar is acknowledged as one of the largest electro-acoustic production bases in the world and a comprehensive corporation consolidating research and development, manufacture, sales and after-service.

Takstar Mission – To offer quality sound experience and provide creative applied sound solutions for world-wide users.

Our Culture – Innovative, Efficient, Respectful, Responsible



Workshop Facilities



Testing Equipments



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Recording Microphone ▶

• Side-address Microphone

GX6

Features

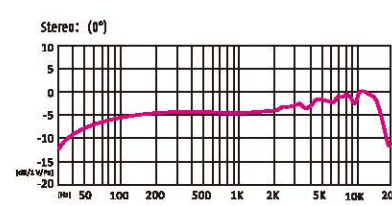
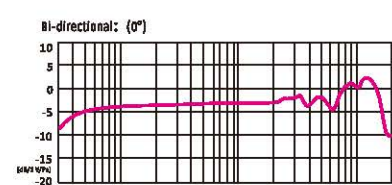
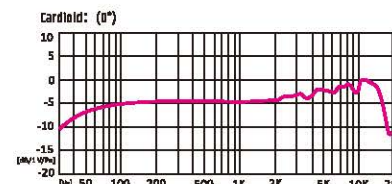
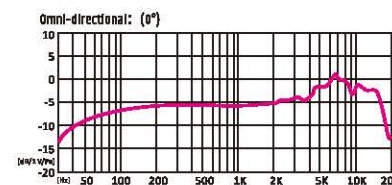
- Adopts three 16mm condenser capsules, clear and natural sound quality
- Supports four adjustable recording modes(stereo, cardioid, bi-directional, omni-directional)
- Built-in low noise and low power consumption microphone amplifying circuit, adjustable microphone input gain
- Adopts touch mute switch for sensitive, reliable and quick operation
- Built-in headphone amplifier, independent headphone monitor volume control meet the monitoring requirement without delay
- USB digital transmission, plug and play
- Stylish metal structure, durable and fashionable

Application

- Streaming media (electronic sports, live broadcasting) and music production

Specification

- Power Supply: 5V/500mA (USB)
- Data Transmission: USB2.0
- Sample Rate: 44.1–192kHz
- Bit Rate: 16/24bit
- Frequency Response: 20Hz–20kHz
- Sensitivity: 5.6 mV(1V/Pa at 1kHz)
- Max SPL: 120dB (THD:0.5% 1kHz)
- Output Impedance: 32Ω
- Output Power(RMS): 100mW
- S/N Ratio: 100dB (A+)
- System Compatibility: Windows7 or above, OSX 10.9 or above



• Side-address Microphone



Black gold

Black

TAK 55

Features

- Dual gold plated diaphragm capsule ensures accurate directivity and wide frequency response
- Highly accurate correction circuit and components ensure pure original sound
- Three polar patterns (cardioid, bi-directional, omni-directional) suit for different pickup applications
- High SPL processing capability suits for different audio sources pickup
- Low background noise meets the requirement of professional recording
- Built-in attenuation switch effectively reduces LF noise
- Sensitivity attenuation switch endures high SPL pickup
- Provided with professional anti-vibration shock mount
- Al alloy case for convenient transportation and storing

Application

- Studio, broadcasting station, stage performance, video post-processing, personal recording, instrument recording

Specification

- Capsule: 34mm dual gold plated large diaphragm capsule
- Polar Pattern: cardioid/bi-directional/omni-directional
- Frequency Response: 20Hz-20kHz
- Cardioid Directivity Sensitivity: $-39\text{dB} \pm 3\text{dBV}$ (0dB=1V/Pa at 1kHz)
- Sensitivity Attenuation: -10dB
- LF Attenuation: 150Hz (6dB/oct)
- Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5)
- Peak SPL: 130dB (THD $\leq 1\%$ at 1kHz)
- Output Impedance: $150\Omega \pm 30\%$ (at 1kHz)
- Operating Voltage: 48V phantom power
- Unit Dimension: 157x55x38mm
- Net Weight: 372g

• Side-address Microphone

CM-450-L

Features

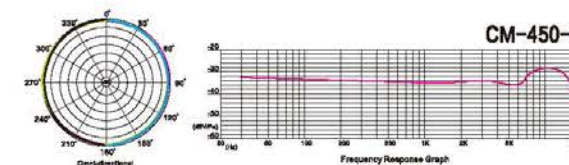
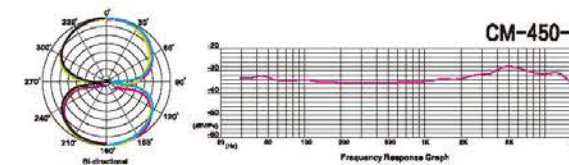
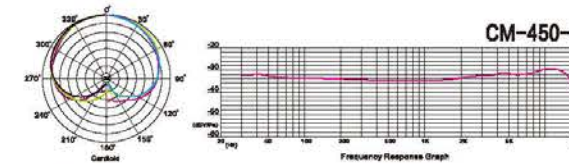
- Selected vacuum tube and ultra thin large gold-plated diaphragms ensuring naturally warm sound reproduction
- A choice of nine directivity characteristics makes it perfect for broad range of stringent recording applications
- Blue LED power indicator
- Optional bass filter to eliminate unwanted low frequency noise
- Optional 10dB attenuation for extreme high SPL environments
- Optional "Ground Lift" function to eliminate noise from mains
- Convenient control of all functions at the power supply unit

Application

- Recording, broadcasting, on-stage performance, chorus

Specification

- Transducer Principle: Dual, True Condenser
- Diaphragm: Large, ultra thin, gold-plated diaphragm
- Directivity Characteristic: 9 types—Omni / Cardioid / Bi etc
- Frequency Response: 30Hz-20kHz
- Sensitivity: $-35\text{dB} \pm 2\text{dB}$ (0dB=1V/Pa at 1kHz)
- Output Impedance: $\leq 200\Omega$
- Load Impedance: $\geq 1000\Omega$
- Equivalent Noise Level: 18dB A (IEC 581-5)
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: PM-3 Phantom Power Supply
- Body Dimension: $\Phi 55 \times 201\text{mm}$
- Net Weight: 660g



• Side-address Microphone

CM-400-L

Features

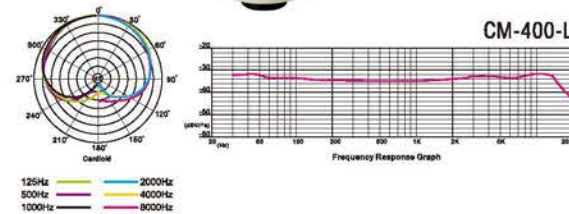
- Selected vacuum tube and ultra thin large gold-plated diaphragms ensuring naturally warm sound reproduction
- Cardioid directivity characteristic for ideal sound capturing
- Blue LED power indicator
- Wide and smooth frequency response

Application

- Recording, broadcasting

Specification

- Transducer Principle: True Condenser
- Diaphragm: Large, ultra thin, gold-plated diaphragm
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz-20kHz
- Sensitivity: -35dB ± 2dB (0dB=1V/Pa at 1kHz)
- Output Impedance: ≤ 200 Ω
- Load Impedance: ≥ 1000 Ω
- Equivalent Noise Level: 18dB A (IEC 581-5)
- Max. Input SPL: 130dB (THD ≤ 1.0% at 1kHz)
- Power Requirement: PM-2 Phantom Power Supply
- Body Dimension: Φ55 × 201mm
- Net Weight: 655g



• Side-address Microphone

SM-7B

Features

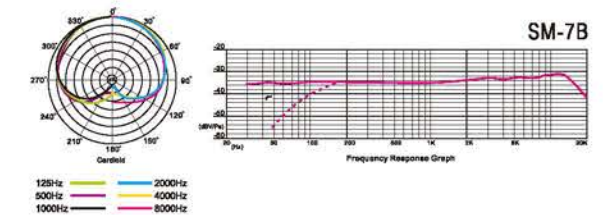
- Transformerless circuitry and large gold-plated diaphragm for accurate sound reproduction
- Cardioid directivity characteristic for ideal sound capturing
- High sensitivity and low self-noise
- Suitable for high SPL environments
- Low output impedance for long distance connection and high EMI resistance
- Wide and smooth frequency response range

Application

- Recording, broadcasting, on-stage performance

Specification

- Transducer Principle: True Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz-20kHz
- Sensitivity: -37dB ± 2dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 100 Ω ± 30% (at 1kHz)
- Load Impedance: ≥ 1000 Ω
- Equivalent Noise Level: ≤ 20dB A (IEC 581-5)
- Max. Input SPL: 130dB (THD ≤ 1.0% at 1kHz)
- Bass Filter: 10dB/octave at 100Hz
- Power Requirement: 48V DC Phantom Power
- Body Dimension: Φ53 × 148mm
- Net Weight: 538g



GL-100

Features

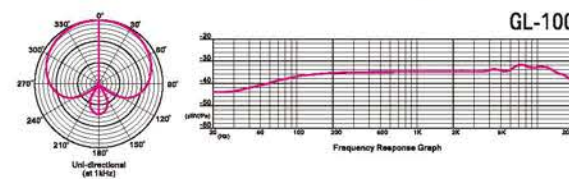
- High sensitivity and low self noise
- Suitable for high SPL environments
- Top quality back electret condenser transducer
- Wide and smooth frequency response range for best vocal and instrument pickup
- Excellent audio processing circuitry

Application

- Recording, broadcasting, on-stage performance

Specification

- Transducer Principle: Condenser
- Frequency Response: 20Hz-20kHz
- Sensitivity: -35dB ± 3dB
- Directivity Characteristic: Hyper-cardioid
- Equivalent Noise Level: 24dB (IEC 581-5)
- Max. Input SPL: 140dB (at 1kHz THD ≤ 1%)
- Output impedance: ≤ 100 Ω
- Load Impedance: ≥ 1000 Ω
- Operating Voltage: 48V Phantom Power
- Net Weight: 450g



GL-200

Features

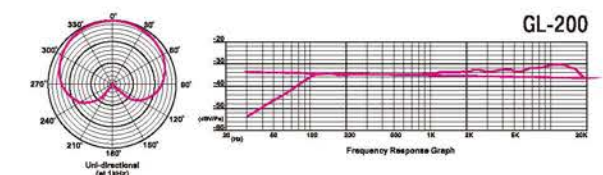
- Φ34 large gold-plated diaphragm provides accurate sound reproduction
- Excellent audio processing circuitry guarantees high fidelity and low distortion
- Optional 10dB and 20dB amplifying
- Built-in pop filter minimizes plosives and wind noise
- Stylish outlook and durable metal construction

Application

- Recording, broadcasting, on-stage performance

Specification

- Transducer Principle: Condenser
- Frequency Response: 30Hz-20kHz
- Sensitivity: -36dB ± 3dB
- Directivity Characteristic: Cardioid
- Bass Filter: 10dB/octave at 110Hz
- Amplifying Function: +10dB
+20dB
- Equivalent Noise Level: ≤ 12dB
- Max. Input SPL: ≥ 130dB (At 1kHz 0dB, THD1%)
- Output Impedance: 50 Ω ± 30%
- Operating Voltage: 48V DC Phantom Power



007

008

• Side-address Microphone

GL-400

Features

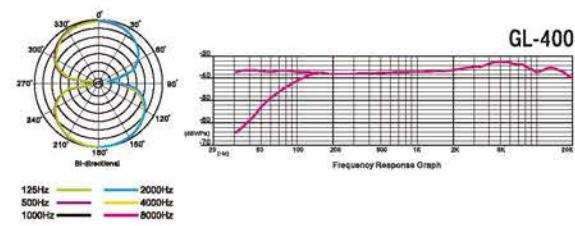
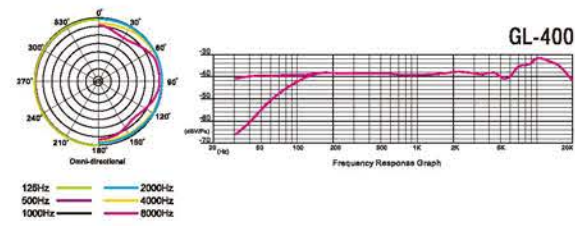
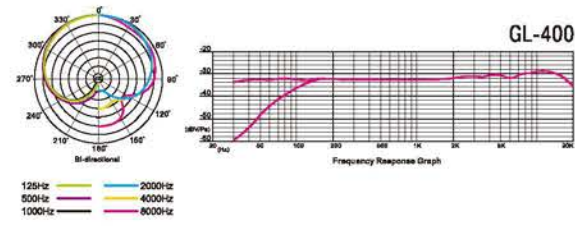
- $\Phi 34$ mm dual large gold-plated diaphragm provides warm and gentle sound reproduction
- Three directivity characteristics (Cardioid/Bi/Omni) for different applications
- Built-in transistor noise reduction circuit, low noise, stable performance, high SPL
- Switchable low-frequency roll-off and -10dB attenuation
- Wide frequency response, low distortion, wide dynamic range
- Low output impedance

Application

- Recording, broadcasting, on-stage performance, chorus

Specification

- Transducer Principle: Dual, True Condenser
- Diaphragm: $\Phi 34$ mm Gold-plating
- Directivity: Cardioid, Bi, Omni
- Frequency Response: 20Hz-20KHz
- Sensitivity: -33/-39/-38dB ± 3 dB (0dB=1V/Pa at 1KHz)
- Equivalent Noise Level: ≤ 12 dB A
- Max. Input SPL: 130dB (THD $\leq 1.5\%$ at 1KHz)
- Sensitivity Attenuation: -10dB ± 2 dB
- Bass Filter: 10dB/octave at 80Hz
- Output Impedance: 58 $\Omega \pm 20\%$
- Power Requirement: 48V DC Phantom Power



009

• Side-address Microphone

SM-8B

Features

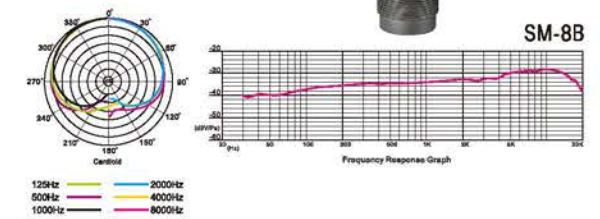
- Top quality back electret condenser transducer
- High sensitivity and low self noise
- Built-in pre-amplifier circuitry for unrivaled sound performance
- Wide frequency response range
- LED power indicator

Application

- Recording, broadcasting, live performance

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: -38dB ± 2 dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 200 $\Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000 \Omega$
- Equivalent Noise Level: ≤ 22 dB A (IEC 581-5)
- Max. Input SPL: 140dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 48V DC Phantom Power
- Body Dimension: $\Phi 54 \times 128$ mm
- Net Weight: 371g



SM-16

Features

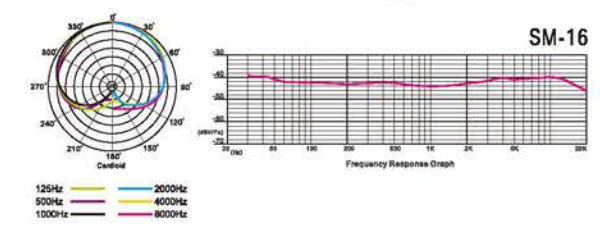
- Excellent audio processing circuitry
- Gold-plated diaphragm for accurate sound reproduction
- High sensitivity and low self noise
- Suitable for high SPL environments
- Smooth frequency response range for best vocal and instrument pickup
- Outstanding high-frequency detail and excellent sonic resolution

Application

- Recording, broadcasting, on-stage performance

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: -34dB ± 2 dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 400 $\Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000 \Omega$
- Equivalent Noise Level: 18dB A (IEC 581-5)
- Max. Input SPL: 135dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 48V DC Phantom Power
- Body Dimension: $\Phi 45 \times 150$ mm
- Net Weight: 350g



010

• Side-address Microphone

SM-17

Features

- Precise large gold-plated diaphragm capsule features wide frequency response, clear and natural sound quality
- Advanced circuit design, extreme low noise, high SPL and wide dynamic range meet the demand of various recording occasions
- Fashionable outlook design, rugged and durable zinc alloy housing
- Customized windscreen effectively eliminates the "POP" sound during vocal recording
- Provided with portable bag for convenient carrying and storage

Application

- Professional studio recording, broadcasting, PC recording, on-stage performance, instrument recording

Specification

- Element: Large gold-plated diaphragm capsule
- Polar Pattern: Cardioid
- Frequency Response: 30Hz-20KHz
- Sensitivity: -32dB ± 3dB (0dB=1V/Pa at 1KHz)
- Equivalent Noise Level: ≤ 11dB A
- Max. Input SPL: 145dB (THD ≤ 1.0% at 1kHz)
- Output Impedance: ≤ 200 Ω
- Power Requirement: 12-52V Phantom Power



PC-K800

Features

- Precise large gold-plated diaphragm capsule features wide frequency response, clear and natural sound quality
- Extreme low noise, high SPL and wide dynamic range meet the demand of various recording occasions
- Low cut function effectively eliminates the proximity effect and reduces the ambient low frequency noise
- -10dB attenuation function for high SPL up to 155dB and maintain the pure sound quality
- Fashionable outlook design, rugged and durable zinc alloy housing
- Customized windscreen effectively eliminates the "POP" sound during vocal recording
- Provided with portable bag for convenient carrying and storage

Application

- Professional studio recording, broadcasting, PC recording, on-stage performance, instrument recording

Specification

- Element: Large gold-plated diaphragm capsule
- Polar Pattern: Cardioid
- Frequency Response: 30Hz-20KHz
- Sensitivity: -46dB ± 3dB (0dB=1V/Pa at 1KHz)
- Equivalent Noise Level: ≤ 11dB A
- Max. Input SPL: 145dB (THD ≤ 1.0% at 1kHz), 155dB (with 10dB attenuation)
- Low Cut: 10dB/octave at 100Hz
- Output Impedance: ≤ 200 Ω
- Power Requirement: 12-52V Phantom Power



• Side-address Microphone

PC-K320

Features

- High performance back electret condenser capsule features wide frequency response and natural sound quality
- Built-in transistor circuit features low noise and stable performance
- Unique alloy outlook design, durable and fashionable
- 3 optional colors(black/silver/red)
- Provided with customized shock mount and tripod for convenient use

Application

- Broadcasting, PC recording, instrument recording

Specification

- Transducer Principle: Back Electret Condenser
- Polar Pattern: Cardioid
- Frequency Response: 20Hz-20KHz
- Sensitivity: -32dB ± 3dB(0dB=1V/Pa at 1KHz)
- Equivalent Noise Level: ≤ 13dB A
- Max. Input SPL: 130dB (THD≤1.0% at 1KHz)
- Output Impedance: ≤ 200 Ω
- Power Requirement: 2-52V Phantom Power



PC-K820

Features

- Precise large gold-plated diaphragm capsule features wide frequency response, high dynamic range and clear sound details performance
- Extreme low background noise audio processing circuit satisfies the demand of professional recording
- High-pass filter switch can effectively reduce the low frequency ambient noise
- Fashionable alloy outlook design, professional and elegant
- Sensitivity attenuation function ensures high SPL up to 155dB
- Provided with high grade aluminium carrying case for convenient carrying and storage
- Customized windscreen effectively eliminates the "pop" sound and air flow noise

Application

- Professional studio recording, broadcasting, PC recording, instrument recording

Specification

- Element: Large gold-plated diaphragm, condenser
- Polar Pattern: Cardioid
- Frequency Response: 30Hz-20KHz
- Sensitivity: -33 dB ± 3dB(0dB=1V/Pa at 1KHz)
- Equivalent Noise Level: ≤ 11dB A
- Max. Input SPL: 145 dB(THD ≤ 1.0% at 1KHz)
- Output Impedance: ≤ 200 Ω
- Operating Voltage: 12-48V Phantom Power



• Side-address Microphone

PC-K700

Features

- Stylish outlook design, 3 optional colors, perfect combination of profession and fashion
- Special pop screen effectively eliminate the "POP" sound during vocal recording
- Gold-plated diaphragm capsule, excellent frequency response, specially design for personal recording
- High sensitivity pick-up characteristic satisfies computer recording requirement
- Professional audio processing circuit design features low noise, high SPL and wide dynamic range
- Provided with portable handbag for convenient storage, protection and carrying

Application

- Internet karaoke, personal recording, studio recording, audio processing

Specification

- Transducer Principle: Back Electret Condenser
- Polar Pattern: Cardioid $\leq -14\text{dB}$ (0-135°)
- Frequency Response: 30Hz-20KHz
- Sensitivity: $-30\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Output Impedance: $\leq 200\Omega$
- Power Requirement: 12-52V Phantom Power



Black Orange Blue

PC-K550

Features

- $\Phi 34\text{mm}$ large gold-plated diaphragms provides clear, exquisite and mellow sound reproduction
- The new excellent audio circuit guarantees high fidelity to achieve the best
- Built-in low noise electronic components for low noise performance
- High sensitivity, wide frequency response range
- Fashion outlook design, rugged and durable metal housing
- Full range of accessories for convenient use

Application

- Internet karaoke, PC recording, audio processing, chat room, broadcasting

Specification

Microphone Specification

- Transducer Principle: Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz-20kHz
- Sensitivity: $-32 \pm 3\text{dB}$
- Output Impedance: $\leq 100\Omega$
- Load Impedance: $\geq 1000\Omega$
- Equivalent Noise Level: $\leq 20\text{dB}$ (IEC 581-5)
- Max. Input SPL: 130dB (at 1kHz THD $\leq 1\%$)
- Output Connector: XLRM
- Power Requirement: 48V DC phantom power
- Dimension: $\Phi 45\text{mm} \times 150\text{mm}$ (diameter x length)
- Net Weight: 350g

Phantom Power Specification

- Phantom Power Supply: +48V
- Input Power: AC18V 300mA
- Input Connector: standard XLR balanced input
- Output Connector: standard XLR, balanced output
- Dimension: 90.3mm x 98mm x 41.8mm(L x W x H)
- Output Voltage: DC48V
- Power Consumption: $\leq 5\text{W}$
- Noise: $\leq 1.8\mu\text{V}$
- Net Weight: 430g



Black gold Champagne Bright red

• Side-address Microphone



PC-K850

Features

- $\Phi 34\text{mm}$ large gold plated diaphragm capsule, wide frequency response, wide dynamic, clear and natural sound quality
- Adopts low background noise audio processing circuit to meet the high demand of recording requirement
- High sensitivity design for rich sound details pickup and original sound reproduction
- Prominent SPL performance effectively prevents from overload distortion
- Provided with metal shock mount
- Provided with aluminum carrying case for convenient transportation and storage

Application

- Online Karaoke, live broadcast, recording studio, broadcast TV station, personal recording, instrument recording

Specification

- Capsule: 34mm large gold plated diaphragm capsule
- Polar Pattern: cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: $-32\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Equivalent Noise Level: $\leq 20\text{dBA}$ (IEC 581-5)
- Peak SPL: 130dB(THD $\leq 0.5\%$ at 1kHz)
- Output Impedance: $200\Omega \pm 30\%$ (1kHz)
- Operating Voltage: 48V phantom power
- Unit Dimension: 187*52mm
- Net Weight: 529g

• Side-address Microphone

GL-100USB

Features

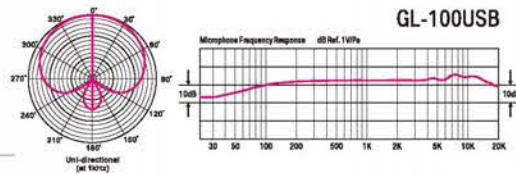
- Professional sound card
- Convenient plug and play without installation or drivers
- Condenser capsule features wide frequency response
- Headphone socket for real time monitoring
- Supports accompaniment recording
- Windows volume control includes bass, treble, AGC and MB
- Durable and rugged metal construction

Application

- Recording, internet karaoke

Specification

- Transmission Speed: USB 2.0 (480 Mbps)
- Power Mode: USB
- D/A & A/D Converter: 24 bit when playback; 16 bit when recording
- Bandwidth: 20kHz (at fs=48 kHz)
- Total Harmonic Distortion: < -90dB
- S/N Ratio: > 90dB
- Headphone Output Power: >95dB
- Frequency Response: 20Hz-20kHz
- Data Transmission Interface: Mini USB Socket
- Headphone Output Interface: Φ 3.5mm Stereo Socket
- System Compatibility: Windows 2000 / Windows XP



GL-100FX

Features

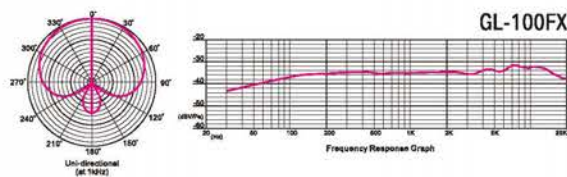
- Design for computer recording
- Computer USB power supply mode
- Built-in low noise microphone amplifier
- One cable for both power supply and audio output for convenient connection
- Condenser capsule features wide frequency response range
- Tone up control knob for adjusting microphone sensitivity
- Rugged and durable metal construction

Application

- Recording, internet karaoke

Specification

- Transducer Principle: Back Electret Condenser
- Frequency Response: 30Hz-20KHz
- Sensitivity: -38dB \pm 3dB
- Amplifying Function: +1dB-+20dB
- Directivity Characteristic: Cardioid
- Equivalent Noise Level: \leq 24dB
- Max. Input SPL: \geq 130dB (At 1KHz 0dB, THD \leq 1%)
- Output Impedance: 100 Ω \pm 30%
- Power Requirements: USB DC5V



• Side-address Microphone

PC-K500FX

Features

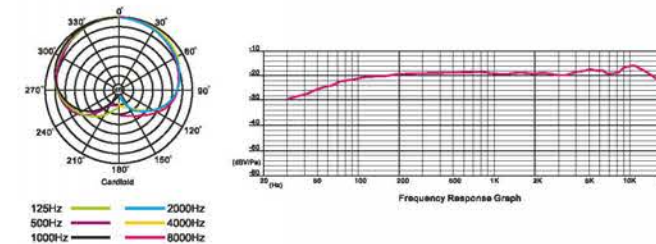
- Built-in premium 3D reverberation chip achieves hardware reverberation
- Professional 24-Bit AD/DA converter chip solves the delay problem caused by software reverberation and greatly enhance the monitoring quality. By adjusting the reverberation knob on the microphone, you can add perfect 3D reverberation effect
- Professional American TI brand top preamplifier chip for 25 times microphone volume output amplification by adjusting the 0dB-25dB gain knob. Condenser microphone with small sound due to integrated sound card no longer happens
- Professional low-noise & low-power consumption amplifier, and excellent circuit design provides S/N over 72dB which reduces the noise and distortion to the minimum
- No need driver installation and complicated debugging for easy operation
- Plug and play design (USB power mode, no need to connect with mixer, microphone amplifier or other equipment with 48V phantom power supply; audio output cable with Φ 3.5mm plug for connecting to PC MIC INPUT directly)
- Supplied with simple swivel mount, desktop stand and windscreen

Application

- Home entertainment, personal recording studio, chat rooms, broadcasting

Specification

- Transducer Principle: Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: -37 \pm 3dB
- Output Impedance: 100 Ω \pm 30%
- Load Impedance: \geq 1000 Ω
- Equivalent Noise Level: \leq 22dB
- Max. SPL: \geq 130dB (at 1kHz THD \leq 1%)
- S/N: \geq 72dB
- Gain: +0dB-+25dB
- Reverb Mode: 3D sound effect reverberation
- Audio Output Cable: Φ 4mm x 3m (Φ 3.5mm gold-plated plug)
- USB Cable: Φ 4mm x 3m (standard USB plug)
- Power Supply: USB DC5V
- Dimension: Φ 45mm x 150mm (diameter x length)
- Weight: 460g (included cable)



• Network Karaoke Microphone



• Network Karaoke Microphone

K58

Features

- Unique outlook with multiple color options, K58 is a perfect combination of profession and fashion
- Adopts innovative electronic circuitry, PLUG and PLAY, no need 48V phantom power supply
- Specially designed for network karaoke, high sensitivity and clear sound quality
- Cardioid polar pattern features high restrain capability of acoustic feedback and reduces the howling
- Provided with microphone mount and table stand for convenient use

Application

- Network karaoke, network chatting

Specification

- Element: Back electret condenser
- Polar Pattern: Cardioid
- Frequency Response: 80Hz–16kHz
- Sensitivity: $-46\text{dB} \pm 3\text{dB}$ (0dB= 1V/Pa at 1kHz)
- Operating Voltage: MIC socket intelligent power supply or 12–52V phantom power supply



PCM-1200

Features

- Unique outlook with multiple color options, PCM-1200 is a perfect combination of profession and fashion
- Adopts innovative electronic circuitry, PLUG and PLAY, no need 48V phantom power supply
- Specially designed for network karaoke, high sensitivity and clear sound quality
- Cardioid polar pattern features high rejection capability of acoustic feedback and reduces the howling
- Designed with non-detachable cable
- Provided with microphone mount and table stand for convenient use

Application

- Network karaoke, network chatting

Specification

- Transducer Principle: Back-electret condenser
- Polar Pattern: Uni-directional
- Frequency Response: 80Hz–16KHz
- Sensitivity: $-32\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Power Requirement: Intelligent power supply by MIC socket
- Dimension: 40 x 40 x 138mm

017

PH-120

Features

- An external microphone customized for smartphone and tablet PC, it is suit for mobile Karaoke and recording
- Optional high and low recording input sensitivity for compatibility with different brand mobile devices
- 100Hz low frequency attenuation switch for close range singing and ensures more clear sound quality
- Adjustable microphone reverb function for rich and pleasant sound performance
- Dual headphone stereo signal output support duet or extend another output to speaker or recording equipment
- Provided with PC audio connecting cable for PC Karaoke or recording
- Standard OMTP and CTIA transfer switch for compatibility with various models
- Provided with portable bag for convenient carrying and storage

Application

- Mobile phone karaoke, tablet PC karaoke, computer karaoke

Specification

- Sensitivity: Low: -40dB at 1kHz
High: -30dB at 1kHz
- Transducer Principle: Condenser
- Max. Input SPL: $\geq 128\text{dB}$ 1kHz(THD $\leq 1\%$)
- Frequency Response: 30Hz–20kHz
- System Compatibility: ANDROID, IOS
- Battery Specification: Polymer lithium-ion battery
- Battery Capacity: 400mAh
- Charge Mode: USB 5V
- Playtime: $\geq 6\text{hrs}$



018

• Smart Phone Microphone

• Smart Phone Microphone



PH 105

Features

- Tailored for smart phone and tablet PC, suitable for mobile karaoke and live broadcast
- Microphone echo adjusting function boosts the singing effect
- Low cut function suits different sound characteristic
- Integrated "wet listening & dry recording" function adds the echo effect while listening and delete the echo effect while recording for high score singing and convenient post production
- CTIA/OMTP switch for compatibility with various models
- Built-in rechargeable lithium-ion battery for more than 6 hours operating time

Application

- Cell phone/tablet PC: Karaoke, live online broadcast
- Karaoke/live broadcast platform: Karaoke/live broadcast APP

Specification

- Product Dimension: $\Phi 30\text{mm} \times 136\text{mm}$
- Net Weight: 101g
- Capsule: condenser
- Polar Pattern: cardioid
- Frequency Response: 30Hz-20kHz
- Max. SPL: 110dB 1kHz (THD $\leq 1\%$)
- Sensitivity: $-36 \pm 3\text{dB}$ (0dB=1V/Pa/m at 1kHz)
- Compatible System: Android, iOS
- Battery: lithium-ion battery
- Battery Capacity: 400mAh
- Recharging Mode: USB 5V
- Operating Time: 6 hours or more

• Smart Phone Microphone



PH 125

Features

- Tailored for mobile Karaoke and live broadcasting, suitable for smart phone and tablet PC, compatible with Android or iOS system
- Real time headphone monitoring function, ultra-low delay, easy Karaoke
- Built-in DSP chip, deep sound effect algorithm, wonderful sound
- Compression function automatically attenuates during high SPL singing to reduce distortion
- Headphone monitoring switch meets the requirement of chatting or specific application
- Integrated wet recording & dry recording switching function for high score singing and convenient post production
- Accompaniment input connector to connect with external audio source equipment for convenient background music or scene music playing during live broadcasting
- Original sound/bright sound switch meets the requirement of different voice characters
- Built-in rechargeable Li-ion battery lasts for more than 8 hours operation

Application

- Cell phone/tablet PC: Karaoke, live broadcasting
- Karaoke/live broadcasting: Sing! Karaoke by smule, Yokee, The Voice: on stage, Red Karaoke, SingPlay

Specification

- Capsule: condenser
- Polar Pattern: cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: $-37 \pm 3\text{dB}$ (0dB=1V/Pa/m at 1kHz)
- Main Chip: DSP
- Aux Chip: MCU
- Reverb Mode: Reverb
- Digital EQ: EQ adjustment
- Battery Type: Li-ion battery
- Battery Capacity: 1000mAh
- Recharging Mode: USB 5V
- Operating Time: more than 8h
- Product Dimension: 137*27*27mm
- Net Weight: 101g

• Smart Phone Microphone



PH 130

Features

- Tailored for mobile Karaoke and live broadcasting, suitable for smart phone and tablet PC, compatible with Android or iOS system
- Small gold plated diaphragm capsule features wide frequency response and dynamic range, enduring high SPL without distortion
- Real time headphone monitoring function, ultra-low delay, easy Karaoke and live broadcasting
- Built-in DSP chip, deep sound effect algorithm, wonderful sound
- Compression function automatically attenuates during high SPL singing to reduce distortion
- Integrated wet recording & dry recording switching function for high score singing and convenient post production
- Accompaniment input connector to connect with external audio source equipment for convenient background music or scene music playing during live broadcasting
- Built-in rechargeable Li-ion battery lasts for more than 5 hours operation

Application

- Cell phone/tablet PC: Karaoke, live broadcasting
- Karaoke/live broadcasting: Sing! Karaoke by smule, Yokee, The Voice: on stage, Red Karaoke, SingPlay

Specification

- Capsule: small gold plated diaphragm capsule
- Polar Pattern: cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: -36 ± 3 dB (0dB=1V/Pa/m at 1kHz)
- Peak SPL: ≥ 120 dB 1kHz (THD $\leq 1\%$)
- Main Chip: DSP
- Aux Chip: MCU
- Reverb Mode: reverb
- Digital EQ: EQ adjustment
- Battery Type: Li-ion battery
- Battery Capacity: 700mAh
- Recharging Mode: USB 5V
- Operating Time: more than 5h
- Product Dimension: $\Phi 31$ mm x 153mm
- Net Weight: 137g

• Small-diaphragm Microphone

CM-60

Features

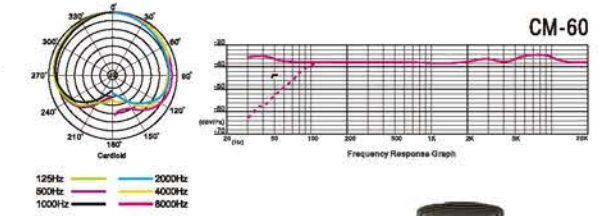
- Gold-plated diaphragm
- Cardioid directivity characteristic for ideal sound capturing
- High sensitivity and low self noise
- Suitable for high SPL environments
- Wide frequency response range and extended dynamic range
- Transformerless circuitry for noise reduction
- Low output impedance for long distance connection and high EMI resistance
- Built-in pre-amplifier circuitry for steady performance
- Optional bass filter to eliminate unwanted low frequency noise

Application

- Recording, broadcasting, on-stage performance

Specification

- Transducer Principle: True Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: -38 dB ± 2 dB (0dB=1V/Pa at 1kHz)
- Output Impedance: $100 \Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000 \Omega$
- Equivalent Noise Level: ≤ 20 dB A (IEC 581-5)
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
- Bass Filter: 12dB/octave at 100Hz
- Power Requirement: 48V DC Phantom Power
- Body Dimension: $\Phi 22 \times 132$ mm
- Net Weight: 112g



CM-63

Features

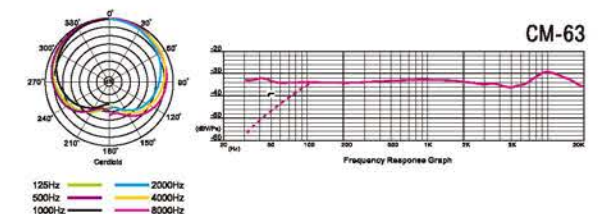
- Innovative anti-humidity technology for best performance under stringent climate environment
- Gold-plated diaphragm capsule assuring excellent transient response, wide frequency response range, high sensitivity, and accurate sound reproduction
- Built-in low noise FET for low noise and steady performance
- Optional 10dB attenuation for handling extremely high volume
- Hi-Fi OTL preamplifier featuring quality linear amplification and low distortion
- Low output impedance for minimizing power consumption under long distance connection
- Multiple surface treatments guarantee long life durability

Application

- Recording, broadcasting, on-stage performance

Specification

- Transducer Principle: True Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz-20kHz
- Sensitivity: -35 dB ± 2 dB (0dB=1V/Pa at 1kHz)
- Output Impedance: $200 \Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000 \Omega$
- Equivalent Noise Level: ≤ 20 dB A (IEC 581-5)
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
140dB (with 10dB pad)
- Bass Filter: 10dB/octave at 100Hz
- Power Requirement: 48V DC Phantom Power
- Body Dimension: $\Phi 22 \times 145$ mm
- Net Weight: 165g



• Instrument Condenser Microphone

PCM-5100

Features

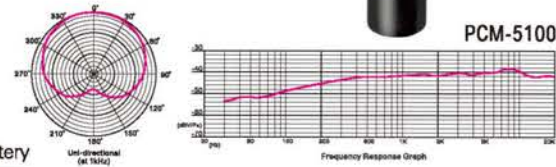
- Can handle high volume level
- Rugged metal housing
- High sensitivity, wide dynamic range and low distortion
- Built-in transistor amplifier
- On/off switch for convenient control
- Powered by batteries or phantom power supply
- Multiple surface treatments for durability

Application

- Cymbals, piano, strings, ensembles

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–18kHz
- Sensitivity: $-42\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V/Pa}$ at 1kHz)
- Output Impedance: $250\ \Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000\ \Omega$
- Max. Input SPL: 136dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 9–52V DC Phantom Power or 1.5V Battery



PCM-5100

• Instrument Condenser Microphone

PCM-6100

Features

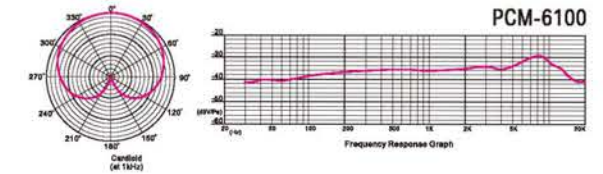
- Cardioid directivity characteristic for ideal sound capturing
- High sensitivity
- Wide frequency response range
- Rugged metal housing
- Natural and clear sound
- Built-in transistor amplifier
- Unique design
- Multiple surface treatments for durability

Application

- Piano, strings, interview, home recording, live performance recording

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz–15kHz
- Sensitivity: $-36\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V/Pa}$ at 1kHz)
- Output Impedance: $100\ \Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000\ \Omega$
- Equivalent Noise Level: $\leq 27\text{dB A}$ (IEC 581–5)
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 9–52V DC Phantom Power



PCM-6100

PCM-5400

Features

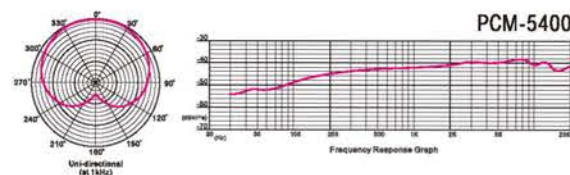
- Can handle high volume level
- Rugged metal housing
- High sensitivity, wide dynamic range and low distortion
- Built-in transistor amplifier
- Multiple surface treatments for durability

Application

- Cymbals, piano, strings, ensembles

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–18kHz
- Sensitivity: $-42\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V/Pa}$ at 1kHz)
- Output Impedance: $200\ \Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000\ \Omega$
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 9–52V DC Phantom Power



PCM-5400

• Hanging Microphone

HM-501

Features

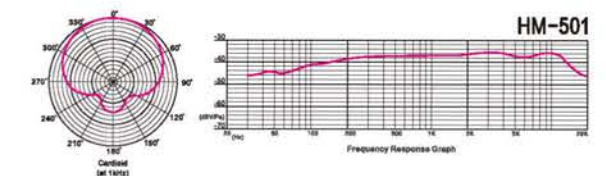
- Tailored frequency response for rich, clear and sensitive sound reproduction
- Cardioid directivity characteristic for eliminating unwanted noise
- Gooseneck body for flexible positioning and installation
- Powered by 9V to 52V phantom power supply

Application

- Theatre, drama, conference sound reinforcement

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-37\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V/Pa}$ at 1kHz)
- Output Impedance: $200\ \Omega \pm 30\%$ (at 1kHz)
- Power Requirement: 9–52V DC Phantom Power



HM-501

• Drum Set Series Microphone



DMS-D5

Features

- DMS-D5 features advanced electroacoustic characteristic, it is the best choice for drum set recording
- Bass drum microphone—full low frequency response for strong and dynamical bass effect pick up
- Snare drum microphone—well designed low and mid frequency, ideal for snare and tom tom drum
- Condenser microphone— wide frequency response and high frequency resolution meet the recording requirement of suspended cymbal and hi-hat
- Rugged metal body construction

Specification

TA-8330 specification:

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz–16KHz
- Sensitivity: $-69\text{dB} \pm 3\text{dB}$
- Output Impedence: $150\ \Omega \pm 30\%$

TA-8230 specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 60Hz–18KHz
- Sensitivity: $-53\text{dB} \pm 3\text{dB}$
- Output Impedence: $600 \pm 30\%$

PCM-6100 specification:

- Transducer Principle: Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz–20KHz
- Sensitivity: $-36\text{dB} \pm 3\text{dB}$
- Output Impedence: $\leq 100\ \Omega$
- Load Impedence: $\geq 1000\ \Omega$
- Equivalent Noise Level: $\leq 25\text{dB}$
- Max. SPL: 135dB(THD $\leq 1\%$ at 1KHz)
- Power Requirement: 9–52V Phantom Power Supply

• Drum Set Series Microphone



DMS-D7

Features

- DMS-D7 features advanced electroacoustic characteristic, it is the best choice for drum set recording
- Bass drum microphone—full low frequency response for strong and dynamical bass effect pick up
- Snare drum microphone—well designed low and mid frequency, ideal for snare and tom tom drum
- Condenser microphone—wide frequency response and high frequency resolution meet the recording requirement of suspended cymbal and hi-hat
- Rugged metal body construction

Specification

TA-8330 specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz–16KHz
- Sensitivity: $-69\text{dB} \pm 3\text{dB}$
- Output Impedence: $150\ \Omega \pm 30\%$

TA-8230 specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 60Hz–18KHz
- Sensitivity: $-53\text{dB} \pm 3\text{dB}$
- Output Impedence: $600 \pm 30\%$

PCM-6100 specification

- Transducer Principle: Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 20Hz–20KHz
- Sensitivity: $-36\text{dB} \pm 3\text{dB}$
- Output Impedence: $\leq 100\ \Omega$
- Load Impedence: $\geq 1000\ \Omega$
- Equivalent Noise Level: $\leq 25\text{dB}$
- Max. SPL: 135dB(THD $\leq 1\%$ at 1KHz)
- Power Requirement: 9–52V Phantom Power Supply

• Drum Set Series Microphone

Features

- Designed for professional instruments and stage applications
- Large drum microphone – designed to capture kick drum beats and low frequency musical instruments
- Small drum microphone – ideal for tom-toms and snare drums
- Condenser microphone – excellent in reproducing the sounds of instruments such as cymbals and pianos
- All microphones handle extremely high volume level with ease
- Low output impedance for long distance connection without compromising sound quality
- Multiple structure and surface treatments for durability

DMS-DH8P

- TA-8340 kick drum microphone – 1pc
- TA-8280 small drum microphone – 4pcs
- PCM-5100 condenser microphone – 3pcs
- W-50 windscreen – 3pcs
- CH-58 microphone clamp – 3pcs
- DH-88 microphone mount – 4pcs
- AA Alkaline battery – 3pcs
- Aluminum carrying case with foam inlay – 1pc



DMS-7AS

- TA-8320 kick drum microphone – 1pc
- TA-8260 small drum microphone – 1pc
- TA-8250 small drum microphone – 3pcs
- PCM-5400 condenser microphone – 2pcs
- W-50 windscreen – 2pcs
- CH-58 microphone clamp – 2pcs
- Plastic carrying case with foam inlay – 1pc



DMS-7C

- TA-8370 kick drum microphone – 1pc
- TA-8225 small drum microphone – 4pcs
- PCM-6000 condenser microphone – 2pcs
- W-50 windscreen – 2pcs
- CH-58 microphone clamp – 2pcs
- Aluminum carrying case with foam inlay – 1pc



DMS-7P

- TA-8350 kick drum microphone – 1pc
- TA-8290 small drum microphone – 4pcs
- PCM-5100 condenser microphone – 2pcs
- W-50 windscreen – 2pcs
- CH-58 microphone clamp – 2pcs
- AA Alkaline battery – 2pcs
- Aluminum carrying case with foam inlay – 1pc



• Interview Microphone

SGC-568

Features

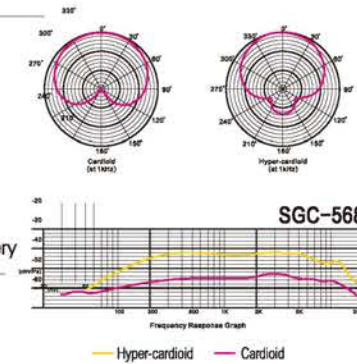
- Adopts array signal processing technology for high sensitivity and long pickup distance
- Optional cardioid and hypercardioid directivity satisfies different application
- Powered by phantom power or 1pc AA 1.5V battery for convenient use
- Alloy material housing design effectively reduce the RF signal interference and improve the recording performance
- Specially designed for interview, supplied with professional spring cable for convenient use and storage

Application

- Interview, film shooting, broadcasting station

Specification

- Transducer Principle: Back Electret Condenser
- Polar Pattern: Cardioid/Hypercardioid
- Frequency Response: 50Hz-16KHz/80Hz-14KHz
- Sensitivity: -45dB ± 2dB/-30dB ± 2dB
- Output Impedance: 500Ω/1600Ω ± 30% (at 1KHz)
- Load Impedance: ≥ 1000Ω
- Power Requirement: 9-52V phantom power or 1pc 1.5V AA battery



SGC-568

SGC-1000PRO

Features

- Unmatched off-axis restraint performance enables to directionally pickup the weak sound signal under the complex environment
- Advanced common mode rejection low noise amplifier features high SNR
- Adopts sound pickup interference principle and long sound collecting pipe design, narrow sound pickup angle effectively eliminate the lateral ambient noise
- Built-in low cut filter switch for more clear vocal sound pickup
- Full metal shielding structure design features excellent RF interference resistance
- Provided with portable leather bag and aluminum carrying case

Application

- Stage performance, interview, video production

Specification

- Product Type: Interview Microphone
- Polar Pattern: Hypercardioid
- Driver Diameter: Φ24mm
- Output Impedance: 100Ω
- Frequency Response: 10Hz ~ 25kHz
- Sensitivity: -36 ± 3dB at 1kHz
- Cable Connector: Male and female XLR
- Net Weight: 268g
- Color: Black

SGC-1000PRO

SGC-598

Features

- High sensitivity condenser microphone specially designed for camera
- Cardioid directivity characteristic can effectively reduce the ambient noise
- Optional +10dB sensitivity tone up and 200Hz bass filter meet the demand of different applications
- Shock proof design can reduce the mechanical noise of cameras and other vibration noise
- Rugged alu mic housing features effective EMI resistance
- Powered by 1.5V AA alkaline battery, playtime is up to 100hrs
- Low power indicator

Application

- Photography, interview

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz-16KHz
- Sensitivity: -32dB ± 3dB(OdB=1V/Pa at 1KHz)
- Sensitivity Tone Up: +10dB
- Bass Filter: 60Hz 10dB/octave
- Output Impedance: 2000Ω ± 30%
- Power Requirement: 1.5V AA battery



SGC-698

Features

- Adopts X-Y stereo pickup technology, clear and stable sound image localization
- Built-in +20dB and -10dB sensitivity switch satisfies different recording occasions
- Built-in low-cut filter switch for effective ambient low frequency noise reduction
- RFI shielding technology can effectively reduce the interference of mobile phone signal
- Low power warning function remind you to replace the battery timely
- Shock proof design effectively reduces the mechanical noise
- Uses standard shoe connector, secure and easy for installation
- Uses standard Φ3.5mm mini stereo connector for signal output
- Aluminum alloy housing with anode oxidation surface treatment, fashionable and anti-scratch

Application

- Photography, interview

Specification

- Transducer Principle: Back Electret Condenser
- Polar Pattern: Cardioid, stereo
- Frequency Response: 30Hz-16KHz
- Sensitivity: -44dB ± 3dB(OdB=1V/Pa at 1KHz)
- Max. Input SPL: 130dB (THD ≤ 1.0% at 1KHz)
- Low Cut: 80Hz 10dB/octave
- Output Impedance: ≤ 200Ω
- Power Requirement: 3V(CR2032 button battery)



SGC-100W

Features

- Wireless signal transmission for convenient camera shooting and live interview
- Receiver adopts standard shoe connecting buckle for direct connection with the camera
- UHF frequency range design avoids interference and assures stable transmission
- 6 selectable channels
- One transmitter can be operated with multiple receivers within the operating range
- Both the transmitter and the receiver use LCD to display the frequency, channel and battery level status intuitively
- Designed with Line in and Mic in transfer switch on the transmitter

Application

- Shooting, video, interview, production

Specification

Transmitter

- Frequency Range: 600~950MHz (segmented)
- Power Supply: 2pcs AA 1.5V alkaline batteries
- Playtime: About 15 hours (depending on the battery)
- Operating Range: 30m in open area
- Transmit Power: ≤ 10mW

Receiver

- Frequency Range: 600~950MHz (segmented)
- Power Supply: 2pcs AA 1.5V alkaline batteries
- Playtime: About 15 hours (depending on the battery)
- Frequency Response: 30Hz-15KHz
- S/N Ratio: >50dB
- Receiving Sensitivity: ≤ -80dBm

Conference Microphone▶

• Table Conference Microphone

MS400-1

Features

- Capsense touching switch design eliminates the mechanical noise of traditional switch
- Long pickup distance and distinct sound quality
- Low frequency attenuation design for reducing ambient low frequency noise
- Cardioid directivity characteristic can effectively reduce feedback and howling
- RFI shielding technology features excellent anti-interference capability such as mobile phone signal
- On/off LED indicator
- Gooseneck microphone and base is connected via reliable aero connector

Application

- Conference, broadcasting

Specification

- Transducer Principle: Electret Condenser
- Directivity Characteristic: Cardioid $\leq -16\text{dB}$ (0-180°)
- Frequency Response: 50Hz-16KHz
- Sensitivity: $-30\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Low Frequency Attenuation: 100Hz 8dB / octave
- Output Impedance: $100\Omega \pm 30\%$
- Power Requirement: 12-52V phantom power



MS-610

Features

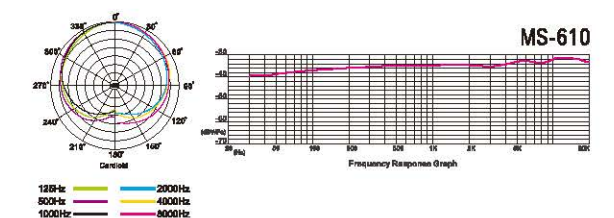
- Gold-plated diaphragm
- Low distortion and self noise
- High sensitivity, wide dynamic range and distinct sound characteristic
- Pivoting joint for flexible positioning
- 90° rotatable design between capsule & base
- Standard XLR balanced output connector

Application

- Conference system, broadcasting

Specification

- Transducer Principle: True Condenser
- Directivity Characteristic: Cardioid $\geq 13\text{dB}$
- Frequency Response: 20Hz-20kHz
- Sensitivity: $-36\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Power Requirement: 48V Phantom Power



• Table Conference Microphone

MS-600

Features

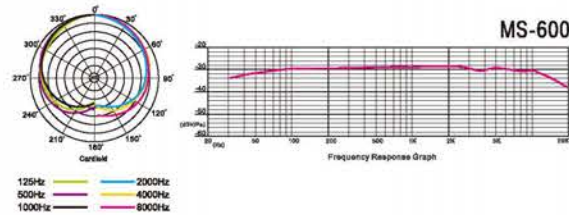
- Φ 22mm gold-plated diaphragm
- Low distortion and self noise
- High sensitivity, wide dynamic range and distinct sound quality
- Excellent shielding against GSM signals
- 90° rotatable design between capsule & pipe, pipe & base

Application

- Public address, conference system, church, broadcasting

Specification

- Transducer Principle: True Condenser
- Polar Pattern: Uni-directional
- Frequency Response: 30Hz-18kHz
- Sensitivity: $-38\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Output Impedance: $100\ \Omega \pm 30\%$ (at 1kHz)
- Max.Input SPL: 135dB (at 1kHz \leq 1% T.H.D)
- Self Noise: 24dB A
- S/N Ratio: 70dB
- Phantom Power Requirement: 9V-52V DC phantom



ECM-120

Features

- Excellent rejection of sound feedback which minimize the howling
- Red working status ring
- Screw joint between gooseneck and base ensures low handling noise
- Rugged metal housing
- On/off switch at base with LED indicator
- Powered by AA batteries or phantom power supply-automatic switching

Application

- Conference, PA

Specification

- Transducer Principle: Back Electret Condenser
- Polar Pattern: Cardioid
- Frequency Response: 100Hz-16KHz
- Sensitivity: $-37\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Output Impedance: $100\ \Omega \pm 30\%$ (at 1KHz)
- Power Requirement: 9-52V Phantom power or 3V (2pcs 1.5V AA batteries)



• Table Conference Microphone

ECM-220

Features

- Φ 22mm gold-plated diaphragm capsule
- Low distortion and self noise
- High sensitivity, wide dynamic range and distinct sound quality
- Stable performance
- 90° rotatable design between capsule & pipe, pipe & base features angle adjustment flexibility for best pick up effect
- RFI shield technology features excellent anti-interference capability such as mobile phone signal
- CapSense touching on/off switch design eliminates the mechanical noise of traditional switch

Application

- Public address, conference system, church, broadcasting

Specification

- Transducer Principle: Pressure and Psid Combination Principle
- Element: Gold-plated diaphragm capsule
- Polar Pattern: Cardioid
- Frequency Response: 30Hz-20KHz
- Sensitivity: $-39\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Self Noise: $\leq 18\text{dBA}$
- Output Impedance: $100\ \Omega \pm 30\%$
- Power Requirement: 48V Phantom power



MS200-2

Features

- Excellent rejection of unwanted signals
- Screw joint between gooseneck and base ensures low handling noise
- Rugged metal housing
- On/off switch at base with LED indicator
- Powered by AA batteries or phantom power supply-automatic switching

Application

- Church, conferences, public address

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 100Hz-16kHz
- Sensitivity: $-37\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Output Impedance: $100\ \Omega \pm 30\%$ (at 1kHz)
- Power Requirement: 9-52V DC Phantom Power or 2pcs 1.5V AA Battery



• Table Conference Microphone

MS210-1

Features

- Specially designed for conference room, high pickup sensitivity and clear sound performance
- RFI shielding technology can effectively reduce the interference of mobile phone signal
- LED indicator for intuitive working status
- The gooseneck microphone and base is fixed by aviation connector for more reliable electric performance and easy maintenance
- Powered by 2pcs AA battery or 12-52V phantom power supply

Application

- Conference, public address

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid $\leq -16\text{dB}(0-180^\circ)$
- Frequency Response: 50Hz-16KHz
- Sensitivity: $-30\text{dB} \pm 3\text{dB}$ (0dB = 1V/Pa at 1kHz)
- Output Impedance: $\leq 200\Omega$
- Power Requirement: 12-52V phantom power or 2pcs 1.5V AA battery



• Table Conference Microphone

MS-550

Features

- Convenient plug and play setup
- Elegant design with anti-skid base
- Quality ABS material with noble finish
- Mute on / off control
- Distinct and clear vocal pickup
- Excellent shielding against unwanted noise

Application

- Voice over IP, station counter, bank counter, conference address

Specification

- Transducer Principle: Back-electret condenser
- Directivity: Omnidirectional
- Microphone Sensitivity: $-38\text{dB} \pm 3\text{dB}$ (0dB = 1V / Pa at 1kHz)
- Frequency Response: 200Hz-10kHz
- Output Impedance: $\leq 2.2\text{K}\Omega$
- Operating Voltage: 1.5-4.5V
- Cable Length: 2m
- Connecting Plug: 3.5mm stereo



MS-189

Features

- Back electret condenser transducer
- High sensitivity and low noise
- Clear and bright vocal pick-up
- On/off button with LED indicator on base and gooseneck
- Optional use of phantom power or batteries
- Excellent quality, easy control and low power consumption

Application

- Public address, conference system, church, broadcasting

Specification

- Transducer Principle: Back electret condenser
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 40Hz-16kHz
- Sensitivity: $-38\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Output Impedance: $200\Omega \pm 30\%$ (at 1kHz)
- Load Impedance: $\geq 1000\Omega$
- Power Requirement: 9-52V Phantom Power or 2pcs 1.5V AAA battery



MS-208

Features

- Back electret condenser unit
- High sensitivity and low self noise
- Designed with mute switch with LED indication
- Standard XLR balanced output connector
- Powered by AA batteries or phantom power supply-automatic switching

Application

- Conference speech, conference system, public address

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 60Hz-16KHz
- Sensitivity: $-30\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1KHz)
- Output Impedance: $75\Omega \pm 30\%$ (at 1KHz)
- Power Requirement: 9-52V Phantom Power or 2pcs 1.5V AA Battery



• Table Conference Microphone

MS-138

Features

- Back electret condenser unit
- High sensitivity and low self noise
- Detachable gooseneck microphone with LED ring
- Standard XLR balanced output connector
- Powered by AA batteries or phantom power supply-automatic switching

Application

- Public address, conference system, church, broadcasting

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz-16kHz
- Sensitivity: -38dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 200 Ω ± 30% (at 1kHz)
- Power Requirement: 9-52V DC Phantom
- Power or 2pcs 1.5V AA Battery



MS-158

Features

- Back electret condenser unit
- High sensitivity and low self noise
- Fixed gooseneck microphone with LED ring
- Standard XLR balanced output connector
- Powered by AA batteries or phantom power supply-automatic switching

Application

- Public address, conference system, church, broadcasting

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 100Hz-16kHz
- Sensitivity: -37dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 200 Ω ± 30% (at 1kHz)
- Power Requirement: 9-52V DC Phantom
- Power or 2pcs 1.5V AA Battery



MS-118

Features

- Back electret condenser unit
- High sensitivity and low self noise
- Fixed gooseneck microphone with LED ring
- Powered by AA batteries

Application

- Public address, conference system, church, broadcasting

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz-16kHz
- Sensitivity: -38dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 200 Ω ± 30% (at 1kHz)
- Power Requirement: 2pcs 1.5V AA Battery



• Table Conference Microphone

MS-168W

Features

- VHF 220MHz-270MHz frequency band
- Multi-level narrow-band with filter to fully clear up interference of hash
- Low-voltage power supply design for economic operation
- Pure quartz circuit for more stable frequency
- Wide dynamic range
- Effective feedback reduction
- Fit into wired and wireless application
- Ultra high directivity
- Elegant shape, easy installation and simple operation

Application

- Public address, conference system, church, broadcasting

Specification

- Squelch Control: Noise Lock
- Carrier Frequency: 220MHz-270MHz
- Directivity Characteristic: Cardioid
- Frequency Response: 100Hz-12kHz
- Frequency Deviation: ± 18kHz
- Frequency Steadiness: ± 0.005%
- S/N Ratio: > 80dB
- Total Harmonic Distortion: < 1% (at 1kHz)
- Transmit Power: ≤ 10mW
- Receiver Power Supply: DC 9V/300mA
- Transmitter Power Supply: 2pcs 1.5V AA Battery
- Operating Range: 50m in Open Area



MS-208W

Features

- VHF frequency band and selected frequencies for interference-free reception
- D-PLL RF frequency lock technology for accurate frequency and stable performance
- Professional audio companding technique for reducing the noise and increasing the dynamic range
- Advanced pilot signal lock function can better avoid interference
- Long operating range up to 50m in open area
- Transmitter is powered by 2pcs 1.5V batteries for long play time and easy replacement
- Low power warning function on the transmitter reminds the user to replace the battery timely
- Transmitter is designed with XLR socket which can be used as an independent wired conference microphone and can be powered by external 48V phantom power
- 6.35mm unbalanced output for convenient connection with various audio equipment
- Receiver adopts USB power interface which can be conveniently powered by various devices with USB function directly

Application

- Conference

Specification

- Frequency Range: 220MHz-270MHz(fixed)
- Modulation Mode: FM
- Number of Channels: Single channel
- Frequency Steadiness: ± 0.005%
- Sensitivity: -80dBm
- Transmit Power: < 10mW
- Frequency Deviation: ± 45kHz
- Frequency Response: 60Hz-15kHz
- S/N Ratio: > 85dB (A+)
- Total Harmonic Distortion: < 1% (1KHz)
- Operating Range: 50m in open area
- Transmitter Power Supply: 3V (2pcs AA battery)
- Battery Playtime: Approx.10hrs (depending on the battery)
- Receiver Power Supply: DC5V/500mA (USB)
- Output Type: Unbalanced mixed output



• Table Conference Microphone

• Table Conference Microphone



DG-C100R
Host Unit

DG-C100T1
Chairman Unit

DG-C100T2
Delegate Unit

DG-C100

Features

- 2.4G digital wireless military communication and ADFHSS technology feature high confidentiality, strong anti-interference and long operating range up to 25-40m
- The system consists of host unit, chairman unit and delegate units up to 254pcs
- 4 transmitters are allowed to speak at the same time without interference
- Optional free or application speech mode of delegate units controlled by the chairman unit
- Intelligent power management system features battery power saving(All units turn off automatically when chairman unit is turned off)
- Built-in high performance frequency shifter reduces howling and enhance the sound pick up effect
- LCD display indicates working status and battery power
- Host unit features balanced and unbalanced output for convenient connection with audio equipments

Application

- Enterprise & Government Conference

Specification

- Carrier Frequency: 2.4G (2400-2830MHz) digital FHSS technology
- Operating Range: 25-40m (indoors)
- Chairman & Delegate Units Power Supply: 2pcs AA batteries
- Battery Play Time: ≥8hrs
- Host Unit Power Supply: DC-12V/1A
- Frequency Response: 70Hz-15KHz



DG-C200R
Host Unit

DG-C200T1
Chairman Unit

DG-C200T2
Delegate Unit

DG-C200T3

DG-C200T4

Handheld Transmitter

Body-pack Transmitter

Directional Antenna

DG-C200

Features

- 2.4G wireless digital technology features self-adaptive frequency hopping for confidential communication and strong anti-interference ability
- Provided with a high gain directional antenna to extend the operating range and improve the stability of the system
- Supports 4 transmitters to speak simultaneously without mutual interference
- Optional free or request speech mode of delegate units controlled by the chairman unit
- Intelligent power management system for reducing the battery consumption, all units turn off automatically after the host unit is turned off
- Built-in high performance frequency shifter effectively reduce the howling and enhance the sound pickup effect
- All units adopt LCD to display the working status and battery level
- Host unit features balanced and unbalanced audio output for convenient connection with audio equipments

Application

- Senior Conference Application

Specification

- Carrier Frequency: 2.4G (2400-2480MHz) digital frequency hopping communication technology
- Operating Range: 40-60m when using the external directional antenna
- Chairman/Delegate Units Power Supply: 2pcs AA batteries
- Battery Playtime: ≥8hrs
- Host Unit Power Supply: DC-12V/1A
- Frequency Response: 70Hz-15kHz

• Boundary Microphone

BM-620

Features

- Hyper-cardioid polar pattern and high sensitivity for detailed and directional pick-up
- Wide frequency response range for natural sound reproduction
- LED mute indicator and push on/off mute switch

Application

- Conference, church, broadcasting

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 60Hz-16kHz
- Sensitivity: -36dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 200 Ω ± 30% (at 1kHz)
- Power Requirement: 9-52V Phantom Power



• Boundary Microphone

BM-621USB

Features

- Tailored for network live broadcast, network conference, network broadcast and vocal chat
- USB2.0 sound card chip suits for iOS, windows and Mac system, drive free, plug and play
- Built-in cardioid capsule features long pickup distance, accurate directivity and clear sound quality
- RFI shielding technology shields cell phone signal interference
- 150Hz low cut switch effectively reduce the pickup of ambient noise
- Anti-skidding rubber pads prevent the microphone from skidding and reduce the table vibration influence
- Touch mute switch avoids the mechanical noise of traditional switch
- Compact, portable and easy operation for mobile recording

Application

- Network live broadcast, network conference, network broadcast, vocal chat

Specification

- Power Supply Mode: USB (DC 5V /500mA)
- Data Transmission: USB cable
- Sample Rate: 44.1/48kHz
- Bit Rate: 16bit
- Capsule: Ø 12mm condenser capsule
- Polar Pattern: cardioid
- Frequency Response: 50Hz-16KHz
- Sensitivity: -5dBFS ± 2dBFS
- Distortion: ≤ 1.5 % at 1KHz
- S/N Ratio: ≥ 65dB
- Low Cut: 150Hz 6dB/Oct



BM-621

Features

- Electrophoretic surface treatment of mesh cover features high grade outlook and high corrosion-resistant capability
- Quality cardioid capsule features long pick up distance and excellent sound quality
- Capsense touching on/off switch eliminates the switch mechanical noise
- Advanced RFI shielding technology isolates the mobile phone signal interference
- 60Hz high-pass filter effectively eliminates the undesired low frequency noise
- 9V-52V phantom power supply
- Provided with professional XLR output cable

Application

- Senior conference, video conferencing, security monitor

Specification

- Transducer Principle: Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz-20kHz
- Sensitivity: -31dB ± 3dB(0dB=1V/Pa at 1 kHz)
- Equivalent Noise Level: 24dB A
- Mute Switch: Capsense touching switch
- Dimension: 100 x 73 x 24mm
- Power Requirement: 9-52V DC, 4mA typical
- Output Impedance: 100 Ω ± 30%(at 1 kHz)
- Low Frequency Roll-off: 60Hz-200Hz 10dB ± 2dB
- Max. Input Level: 130dB(THD ≤ 1.5% at 1kHz)
- Net Weight: 210g



BM-630C

Features

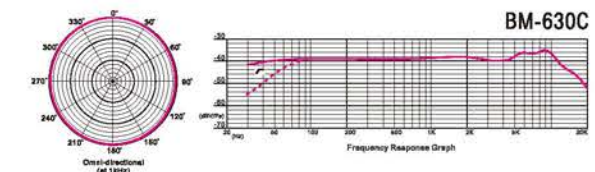
- Omni-directional polar pattern
- LED mute indicator and push on/off mute switch
- Optional bass filter to eliminate unwanted low frequency noises
- Unique design for surface-mount use
- Rugged housing equipped with rubber base for reducing shock noise

Application

- Conference, church, broadcasting

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: 0min-directional
- Frequency Response: 40Hz-16kHz
- Sensitivity: -36.5dB ± 2.5dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 100 Ω ± 30% (at 1kHz)
- Equivalent Noise Level: ≤ 26dB A (IEC 581-5)
- Max. Input SPL: 130dB (THD ≤ 1.0% at 1kHz)
- Bass Filter: 10dB/octave at 80Hz
- Power Requirement: 9-52V DC Phantom Power



• Boundary Microphone



BM-630

Features

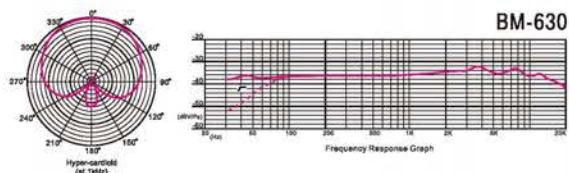
- Hyper-cardioid directivity characteristic and high sensitivity for detailed and directional pick-up
- LED mute indicator and push on/off mute switch
- Switchable bass filter to eliminate unwanted low frequency noises
- Unique design for surface-mount use
- Rugged housing equipped with rubber base for reducing shock noise

Application

- Conference, church, broadcasting

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 40Hz–16kHz
- Sensitivity: $-36\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $100\ \Omega \pm 30\%$ (at 1kHz)
- Equivalent Noise Level: $\leq 26\text{dB A}$ (IEC 581-5)
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
- Bass Filter: 10dB/octave at 80Hz
- Power Requirement: 9–52V DC Phantom Power



• Gooseneck Condenser Microphone

GN-210

Features

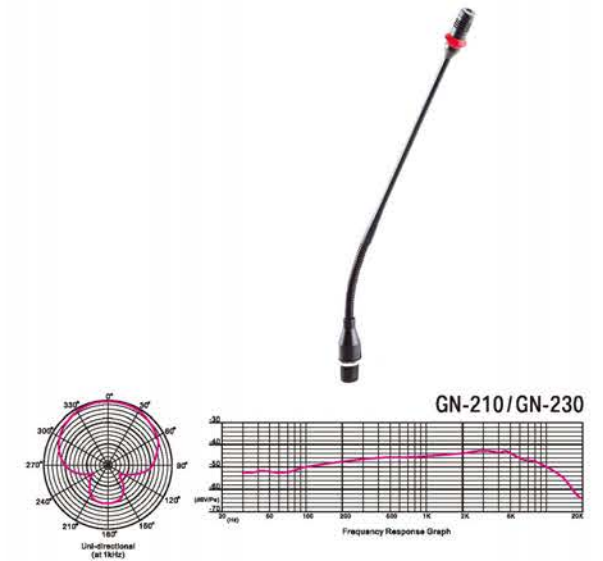
- LED ring power indicator
- Quality gooseneck design
- Screw mount installation

Application

- Broadcasting, conference, public address

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-45\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $1000\ \Omega \pm 30\%$ (at 1kHz)
- Power Requirement: DC 1.5–5V
- Length: 405mm



GN-230

Features

- Double gooseneck construction for flexible positioning
- Power requirement of 9–52V DC for ease of installation

Application

- Conference, public address

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-45\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $200\ \Omega \pm 30\%$ (at 1kHz)
- Power Requirement: 9–52V DC Phantom Power
- Length: 505mm



GN-250

Features

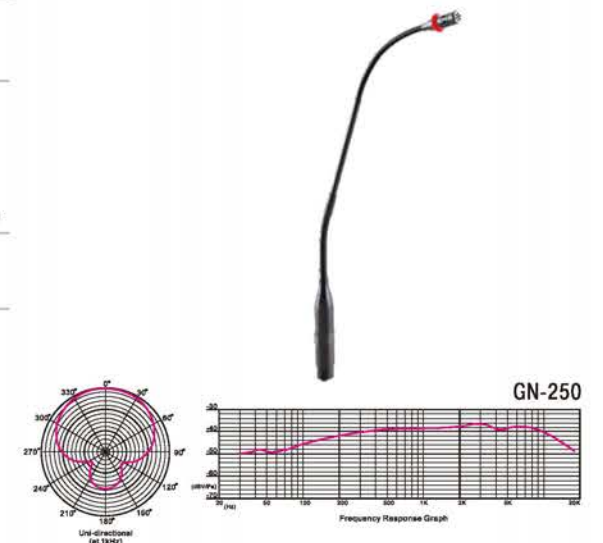
- High sensitivity
- LED ring power indicator
- Double gooseneck construction for flexible positioning
- Power requirement of 9–52V DC for ease of installation

Application

- Conference, broadcasting, public address

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-38\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $250\ \Omega \pm 30\%$ (at 1kHz)
- Power Requirement: 9–52V DC Phantom Power
- Length: 515mm



• Gooseneck Condenser Microphone

GN-260

Features

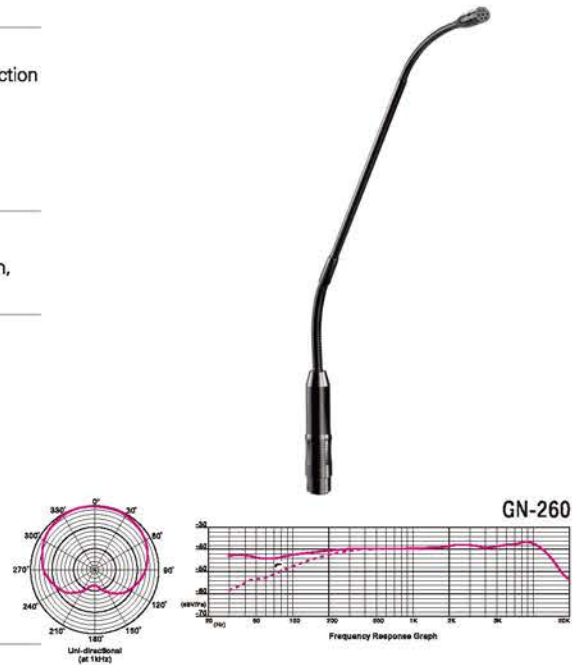
- Gold-plated diaphragm for most accurate sound reproduction
- High sensitivity and wide frequency response range
- Suitable for high SPL environments
- Built-in bass roll-off switch
- Double gooseneck construction for flexible positioning

Application

- Conference, broadcasting, public address, communication, home recording

Specification

- Transducer Principle: Electrostatic Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-40\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $200\ \Omega \pm 30\%$ (at 1kHz)
- Equivalent Noise Level: $\leq 24\text{dB A}$ (IEC 581–5)
- Max. Input SPL: 130dB (THD $\leq 1.0\%$ at 1kHz)
- Bass Filter: 6dB/octave at 80Hz
- Power Requirement: 9–52V DC Phantom Power
- Length: 500mm



• Headworn Microphone

HM-800

Features

- Cardioid vocal pick-up
- Small and exquisite overhead wear style
- Ergonomic design provides comfortable fit
- High sensitivity and excellent feedback reduction
- Full shielded coaxial-cable assuring minimum electromagnetic interference

Application

- Teaching, touring, speech, sales promotion, used with voice amplifier or wireless transmitter

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 100Hz–12.5kHz
- Sensitivity: $-45\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $2.2\text{K}\ \Omega$ (at 1kHz)
- Max. Operating Voltage: 10V
- Power Requirement: 2.0V



• Headworn Microphone

HM-700

Features

- Cardioid vocal pick-up
- Overhead wear style

Application

- Teaching, touring, reception, performance, used with voice amplifier or wireless transmitter

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-45\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $1000\ \Omega \pm 30\%$ (at 1kHz)
- Max. Operating Voltage: 10V
- Power Requirement: 1.5V



HM-850

Features

- Cardioid vocal pick-up
- Overhead wear style

Application

- Teaching, touring, reception, performance, used with voice amplifier or wireless transmitter

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-45\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $1000\ \Omega$ (at 2kHz)
- Max. Operating Voltage: 10V
- Power Requirement: 1.5V



• Handheld Mini Microphone

HM-820

Features

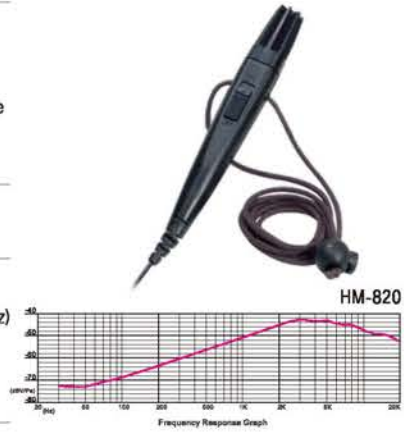
- High sensitivity
- Uni-directional vocal pickup for maximum feedback rejection
- Remote switch control on the mini handheld microphone for turning on/off the amplifier conveniently when the microphone is used together with Taskstar DA-1210 portable amplifier

Application

- Using with voice amplifier or wireless microphone

Specification

- Transducer Principle: Condenser
- Directivity Characteristic: cardioid
- Frequency Response: 80Hz-12kHz
- Sensitivity: -46dB ± 3dB(0dB=1V/Pa at 1kHz)
- Output Impedance: 2.2k Ω ± 30%(at 1kHz)
- Operating Voltage: DC Φ 1.5-6V
- Adaptor plug: Stereo 3.5mm



• Lavalier Microphone

TCM-300

Features

- Cardioid directivity characteristic
- Clear and natural vocal reproduction

Application

- Lecture and presentation halls, theatre, broadcasting, interview

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 70Hz-16kHz
- Sensitivity: -45dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 600 Ω ± 30% (at 1kHz)
- Max. Operating Voltage: 10V
- Power Requirement: 1.5V
- Cable Dimension: Φ 1.9mm x 5m



TCM-370

Features

- Cardioid directivity characteristic
- High sensitivity
- Clear and natural vocal reproduction
- Light-weight design for flexible positioning
- Unique plastic nip, firm and gentle on textile

Application

- Interview, performance, broadcasting, instrument recording

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz-18kHz
- Sensitivity: -45dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 680 Ω ± 30% (at 1kHz)
- Max. Operating Voltage: 10V
- Power Requirement: 1.5V
- Cable Dimension: Φ 1.7mm x 1.2m



• Lavalier Microphone

TCM-380

Features

- High sensitivity
- Clear and natural vocal reproduction
- Uni-directionality characteristic
- Light-weight design for wearing comfort

Application

- Interview, performance, broadcasting, instrument recording

Specification

- Transducer Principle: Condenser
- Directivity Characteristic: Uni-directional
- Frequency Response: 70Hz-15kHz
- Sensitivity: -47dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 680 Ω ± 30% (at 1kHz)
- Operating Voltage: 1.5V-10V
- Cable Dimension: Φ 1.8mm x 1.2m



TCM-390

Features

- Cardioid directivity characteristic
- High sensitivity and clear sound
- Small and exquisite design for flexible positioning and easy wearing

Application

- Interview, performance, broadcasting, instrument recording

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz-18kHz
- Sensitivity: -45dB ± 3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 680 Ω ± 30% (at 1kHz)
- Max. Operating Voltage: 10V
- Power Requirement: 1.5V
- Cable Dimension: Φ 1.7mm x 1.2m



Wireless Microphone ▶



DG-K80

Features

- 2.4G digital frequency hopping technique for filtering radio interference automatically
- Intelligent ID recognition synchronous technology for conveniently using several systems at one venue
- Integrated application of digital audio processing technology provides clear sound reproduction
- Large LCD screen on receiver displays audio and RF signal strength, digital ID on line information, etc
- Independent balanced and unbalanced audio output for conveniently connection with various sound equipment
- Powered by Li-ion rechargeable battery for long play time up to 10 hours, the system provides the intelligent recharging base for convenience, economy and environment protection
- Rugged and durable metal construction

Application

- Engineering installation, home entertainment

Specification

- Carrier Frequency: 2.4GHz-2.48GHz
- Frequency Response: 50Hz- 18KHz
- Channels: Digital frequency-hopping
- Transmit Power: $\leq 10\text{dBm}$
- Receiving Sensitivity: -105dBm
- S/N: $\geq 85\text{dB}$
- Operating Range: $\geq 30\text{m}$, 50m in open area
- Recharging Period: Approx.8hrs
- Playtime: 10-12hrs
- Battery: 3.7V/1000mAh Li-ion battery



• UHF Wireless Microphone



G3

Features

- Adopts UHF frequency band design, 2000 preset channels, multiple sets can be used simultaneously
- The receiver presets 150 groups of non-interference-channels for easily installing the KTV project
- Channel ID code detection technology effectively prevents channel crosstalk interference
- The handheld microphone adopts smart sensor control technology to automatically turn on/off the microphone according to the operation status, which effectively prevent the howling and extend the battery life
- The handheld microphone is designed with drop mute function for protecting the post audio equipments
- Professional audio companding technology, low noise and wide dynamic
- The receiver is designed with squelch sensitivity adjusting function for improving the anti-interference capability
- The transmitter is designed with power high/low adjusting function for increasing the receiving distance
- Independent XLR balanced output and 6.35mm unbalanced output for convenient connection with the post equipments

Application

- KTV, home entertainment, small party, outdoor performance

Specification

- Mute control: pilot frequency
- Max frequency deviation: $\pm 75\text{kHz}$
- Frequency response: 60Hz–15kHz
- Frequency stability: $\pm 0.005\%$
- S/N ratio: $>95\text{dB A+}$
- Distortion: $\leq 0.5\%$ (at 1kHz)
- Channel quantity: 2 channels
- Sensitivity: $\leq -90\text{dBm}$
- Operating range: 50m
- Receiver power supply: DC 12V
- Transmitter power supply: 2pcs AA batteries
- Transmitting power: $\leq 10\text{mW}$
- Frequency range: 600–950MHz (divided into frequency bands)
- Output: independent balanced XLR and unbalanced 6.3mm

051

• UHF Wireless Microphone



X2

Features

- UHF wireless microphone frequency band guarantees interference-free performance
- DPLL digital frequency synthetic technique provides totally 400 selectable channels (2 frequency bands, 200 channels per band)
- Infrared frequency synonization technology for easy operation
- Digital pilot frequency control and noise lock technology protects from RF interference and on/off impulsive sound
- Powered by 1pc Li-ion rechargeable battery, the system provides the intelligent recharging base for convenience,economy and environment protection
- Independent balanced and unbalanced audio output for convenient connection with various sound equipment
- ACT automatic channel targeting function for fast interference-free channel setting

Application

- Karaoke project installation, stage performance, celebration, conference, home entertainment

Specification

System Specification

- Frequency Range: 740~790MHz
- Modulation Mode: FM
- Adjustable Range: 50MHz
- Number of Channels: 200
- Frequency Spacing: 250KHz
- Frequency Steadiness: $< \pm 0.005\%$
- Dynamic Range: 100dB
- Max. Frequency Deviation: $\pm 45\text{KHz}$
- Frequency Response: 80Hz–18KHz($\pm 3\text{dB}$)
- S/N Ratio: $>105\text{dB}$
- THD: $\leq 0.5\%$
- Operating Temperature: $-10^{\circ}\text{C} - +40^{\circ}\text{C}$
- Operating Range: 35m

Receiver Specification

- Receiver Mode: Double superheterodyne
- Intermediate Frequency: First: 110MHz, second: 10.7MHz
- Antenna Interface: TNC/50 Ω
- Sensitivity: 12 dB μV (80dB S/N)
- Spurious Suppression: $\geq 75\text{dB}$
- Max. Output Level: +10 dBV

Transmitter Specification

- Output Power: 10mW
- Spurious Suppression: -60dB
- Power Supply: 1pc 3.7V lithium-ion battery
- Playtime: Approx. 12hrs
- Recharging Period: Approx. 5hrs

052

• UHF Wireless Microphone



X3

Features

- UHF wireless microphone dedicated frequency band design avoids other industrial frequency interference
- D-PLL RF frequency lock technology for accurate frequency and stable performance
- Professional audio companding technique for reducing the noise and increasing the dynamic range
- Long operating range up to 50m in open area
- Transmitter is powered by 2pcs 1.5V batteries for easy replacement
- Advanced pilot signal lock function can better avoid interference and eliminate the on/off mechanical noise
- Mixed(6.35mm)output for convenient connection with the audio processing and amplifier equipment
- Receiver adopts USB power interface which can be conveniently powered by various devices with USB function directly

Application

- Classroom, home entertainment, multimedia applications, outdoor activities, KTV

Specification

- Frequency Range: 740MHz-790MHz
- Modulation Mode: FM
- Number of Channels: 16(R)+16(L)
- Frequency Steadiness: $\pm 0.005\%$
- Sensitivity: -85dBm
- Transmit Power: $< 10\text{mW}$
- Frequency Deviation: $\pm 45\text{kHz}$
- Frequency Response: 60Hz-15kHz
- S/N Ratio: $> 85\text{dB (A+)}$
- Total Harmonic Distortion: $< 1\%$
- Operating Range: 50m in open area
- Transmitter Power Supply: 3V(2pcs AA batteries)
- Battery Playtime: Approx. 10 hrs (depending on the battery)
- Receiver Power Supply: DC5V/500mA (USB)
- Output Type: Unbalanced mixed output

• UHF Wireless Microphone



X4

Features

- UHF wide frequency band design provides 800 selectable frequencies
- D-PLL RF frequency lock technique for accurate frequency and stable performance
- Double conversion receiving technology features strong signal receiving ability
- 10 groups of interference-free reception frequencies pre-setting for convenient setup of multiple systems at one venue
- Adopts professional audio companding technique for low noise and wide dynamic range
- Intelligent microcomputer control enables 4 wireless microphones to work simultaneously
- Designed with 4 independent audio outputs, 1 mixed output and 4 independent volume control for different application requirements
- Intuitive LC-display on both receiver and transmitters

Application

- Meeting room, campus classroom, karaoke, home entertainment, outdoor activities

Specification

- Frequency Range: 830-870MHz
- Modulation Mode: FM
- Adjustable Range: 40MHz
- Number of Frequencies: 800
- Frequency Spacing: 50KHz
- Frequency Steadiness: $\pm 0.005\%$
- Dynamic Range: 100dB
- Max Frequency Deviation: $\pm 48\text{KHz}$
- Audio Frequency Response: 80Hz-15KHz($\pm 3\text{dB}$)
- S/N Ration: $> 105\text{dB A+}$
- Total Harmonic Distortion: $\leq 1.0\%$
- Receiving Mode: Double conversion superheterodyne
- Intermediate Frequency: First: 184.2MHz, Second: 10.7MHz
- Wireless Interface: TNC/50 Ω
- Sensitivity: 12 dB μV (80dB S/N)
- Spurious Suppression: $\geq 75\text{dB}$
- Output Power: 0 dBV
- Spurious Suppression: 0dBV
- Power Supply: 2pcs AA batteries
- Playtime: Approx.10 hours

• UHF Wireless Microphone



X5

Features

- Handheld microphone with intelligent sensor control technology, when the microphone is turned on, it can be turn on/off automatically according to the use status for preventing the howling and extending the battery life
- UHF wide frequency band design presets 200 frequencies for option, multiple sets can be used at one venue simultaneously
- D-PLL RF frequency lock technique for accurate frequency and stable performance
- Double conversion receiving technology features high interference-resistant capability
- Adopts professional audio companding technique for low noise and wide dynamic range
- Button lock function on receiver prevents mis-operation
- Intuitive LCD screen on receiver and transmitter

Application

- Karaoke engineering installation, home entertainment, campus classroom, outdoor activities

Specification

- Frequency Range: 740MHz ~ 790MHz
- Modulation Mode: Wideband FM
- Frequency Steadiness: $\pm 0.005\%$
- Dynamic Range: 95dB
- Max. Frequency Deviation: $\pm 45\text{KHz}$
- Frequency Response: 80Hz ~ 15KHz
- S/N Ratio: $>100\text{dB A+}$
- Total Harmonic Distortion: $\leq 1.0\%$
- Receiver Mode: Twice conversion superheterodyne
- Intermediate Frequency: First: 110MHz; Second: 10.7MHz
- Wireless Interface: TNC/50 Ω
- Sensitivity: 12 dB μV (80dB S/N)
- Receiver Spurious Suppression: $\geq 75\text{dB}$
- Max. Output Level: +3 dBV
- Output Power: 10mW
- Transmitter Spurious Suppression: -60dB
- Power Supply: 2pcs AA battery
- Battery Playtime: Approx. 10 hrs (depending on the battery)

055

• UHF Wireless Microphone



X6

Features

- UHF intelligent wireless audio transmission technology features stable and high interference-free performance
- Advanced frequency scan function features automatic and fast interference-free frequency selection
- Built-in digital frequency assignment system provides more than 100 sets system for engineering installation
- Infrared frequency synchronization technology, LC-display on receiver and transmitter for easy and convenient operation
- Transmitter is powered by 2pcs 1.5V batteries for easy replacement
- Balanced and unbalanced output on receiver for convenient connection with various equipments
- Long operating range up to 50 meters
- Transmitter housing are treated with alloy oxidation for high ruggedness and against corrosion

Application

- Project installation, on-stage performance, home entertainment, speech

Specification

System Specification

- Frequency Range: 740 ~ 790MHz
- Adjustable Range: 50MHz
- Frequency Spacing: 250KHz
- Modulation Mode: FM
- Number of Channels: 200
- Frequency Steadiness: $< \pm 0.005\%$
- Dynamic Range: 100dB
- Max. Frequency Deviation: $\pm 45\text{KHz}$
- S/N Ratio: $> 105\text{dB}$
- Operating Temperature: $-10^{\circ}\sim+40^{\circ}$
- Audio Response: 80Hz ~ 18KHz ($\pm 3\text{dB}$)
- THD: $\leq 0.5\%$

Transmitter Specification

- Output Power: $< 10\text{mW}$
- Power Supply: 2pcs AA battery
- Spurious Suppression: -60dB
- Playtime: $> 10\text{hrs}$

Receiver Specification

- Receiver Mode: Double conversion superheterodyne
- Intermediate Frequency: First: 110MHz, Second: 10.7MHz
- Sensitivity: 12dB μV (80 dB S/N)
- Sensitivity Adjustment Range: 12-32dB μV
- Spurious Suppression: $\geq 75\text{dB}$
- Wireless Interface: TNC/50 Ω
- Max. Output Level: +10dBV

056

• UHF Wireless Microphone



X7

Features

- UHF wide frequency band design offers 200 frequencies
- Excellent interference-free reception
- Double conversion superheterodyne receiving technology features strong signal receiving ability and long operating range
- D-PLL RF stable technique for accurate frequency and stable performance
- Professional audio companding technique for reducing the noise and increasing the dynamic range
- Advanced pilot signal lock function can better avoid interference and eliminate the on/off mechanical noise
- Separate (XLR) or mixed (6.3mm) output for easy connection with various audio equipment

Application

- Campus meeting, speech, ceremony, outdoor activities, long distance applications

Specification

- Frequency Range: 740MHz-790MHz
- Modulation Mode: FM
- Adjustable Range: 50MHz
- Number of Frequencies: 200
- Frequency Spacing: 250kHz
- Frequency Steadiness: $\pm 0.005\%$
- Dynamic Range: 100dB
- Max. Frequency Deviation: 80Hz-18kHz ($\pm 3dB$)
- S/N Ratio: >105dB
- Total Harmonic Distortion: $\leq 0.5\%$
- Operating Temperature: $-10^{\circ}\sim 40^{\circ}$
- Operating Range: 500m in open area

057

• UHF Wireless Microphone



X8

Features

- PLL stable frequency control system provides 200 well-selected channel
- Interactive wireless intelligent installation patent technology features one-click full-automatic interference detection & parameter setting, multiple sets of system can be conveniently installed
- Receiver features both auto-installation and manually frequency setting mode
- Button lock function on receiver prevents mis-operation
- Transmitter is powered by rechargeable Li-ion battery for long play time and environmental protection
- Top level audio companding technology features natural sound reproduction
- Balanced (XLR) and unbalanced (6.35mm) output for convenient connection with various audio equipment

Application

- Auto-installation of multiple sets for luxury club, high end karaoke, bar, etc

Specification

System Specification

- Frequency Range: 740-790MHz
- Modulation Mode: FM
- Adjustable Range: 50MHz
- Number of Channels: 200
- Frequency Spacing: 250KHz
- Frequency Steadiness: $< \pm 0.005\%$
- Dynamic Range: 100dB
- Max. Frequency Deviation: $\pm 45KHz$
- Audio Response: 80Hz-18KHz ($\pm 3dB$)
- S/N Ratio: > 105dB
- THD: $\leq 0.5\%$
- Operating Temperature: $-10^{\circ}\sim +40^{\circ}$
- Operating Range: 50m in open area

Receiver Specification

- Receiver Mode: Double conversion superheterodyne
- Intermediate Frequency: First: 110MHz, Second: 10.7MHz

- Wireless Interface: TNC/50 Ω
- Sensitivity: 12dB uV (80 dB S/N)
- Spurious Suppression: $\geq 75dB$
- Max. Output Level: +10dBV

Transmitter Specification

- Output Power: < 10mW
- Spurious Suppression: -60dB
- Power Supply: 1pc 3.7V Li-ion battery
- Playtime: Approx. 12hrs
- Recharging Period: Approx. 5hrs

058

• UHF Wireless Microphone

• UHF Wireless Microphone



TS-8807HH/TS-8807PP

Features

- Dual channel UHF wireless microphone system designed for the various professional and semi-professional applications
- Digital PLL circuit guarantees a reliable sound synthesis and at more than 200 optional frequency settings provide the freedom to setup multiple systems at one venue
- Microphone synchronization via infrared data transmission
- Adjustable transmitter power makes it suitable for various applications like on-stage performances, universities as well as KTV-clubs
- Key lock function on receiver and transmitter avoids misoperation
- Squelch function ensures optimal performance tailored to the demands of the application
- LC-displays on receiver and transmitters enable an intuitive communication with the user

Application

- Karaoke, motional sound source recording and amplifying, live-performances, conference, house of worship, musical and opera

Specification

- Frequency Range: 720MHz-820MHz
 - Frequency Control: PLL synthesized function
 - Bandwidth: 50MHz
 - Frequency Precision: $\pm 5\text{ppm} < 10\text{kHz}$
 - Frequency Steadiness: $\pm 0.005\%$
 - Modulation Mode: FM
 - Number of Channels: 2 Channels
 - Number of Frequencies: 200
 - Frequency Spacing: 250KHz
 - Frequency Response: 80Hz-18KHz (-3dB)
 - Max. Frequency Deviation: $\pm 45\text{KHz}$
 - S/N Ratio: $> 105\text{dB}$
 - Receiving Sensitivity: 12dBuV (80dB S/N)
 - Total Harmonic Distortion: $< 0.5\%$ (at 1kHz)
 - Dynamic Range: $> 100\text{dB}$
 - Harmonic Interference Rate: $\geq 50\text{dB}$
 - False Image Interference Rate: $\geq 60\text{dB}$
 - Transmit Power: 10mW at high power, 3mW at low power
- Transmitter**
- Power Supply: 2pcs 1.5V AA batteries
 - Playtime: 10hrs (depending on batteries)
 - Operating Range: 50m (depending on distance and environment)
 - Operating Temperature: $-20^{\circ} \sim 60^{\circ}$
 - Output Type: Independent Balanced and Unbalanced Outputs

TS-8808

Features

- UHF wide frequency band design provides 200 selectable channels, multiple sets of system can be used simultaneously
- D-PLL RF frequency lock technique for accurate frequency and stable performance
- Twice frequency conversion receiving technique features high interference-resistant capability
- Professional audio companding technique for reducing the noise and increasing the dynamic range
- Button lock function on receiver prevents mis-operation
- Transmit power switching function for reducing radiation and extend the battery life when switching to low transmit power under short operating range
- Adjustable receiving sensitivity function for desired receiving effect or operating range according to actual environment
- Receiver and transmitters feature intuitive working status LCD for convenient use

Application

- Classroom, karaoke, home entertainment, live performance

Specification

- Frequency Range: 740-790MHz
- Modulation Mode: FM
- Bandwidth: 50MHz
- Number of Frequencies: 200
- Frequency Spacing: 250KHz
- Frequency Steadiness: within $\pm 0.005\%$
- Dynamic Range: $> 100\text{dB}$
- Max. Frequency Deviation: $\pm 45\text{KHz}$
- Frequency Response: 80Hz-18KHz ($\pm 3\text{dB}$)
- S/N Ratio: $> 105\text{dB A+}$
- Total Harmonic Distortion: $\leq 1.0\%$

Receiver Specification:

- Receiver Mode: Double frequency conversion superheterodyne
- Intermediate Frequency: First: 110MHz; second: 10.7MHz
- Antenna Interface: TNC/50 Ω
- Sensitivity: 12 dBu V (80dB S/N)
- Sensitivity Space: 12-32 dB μ V
- Spurious Suppression: $\geq 75\text{dB}$
- Max. Output Level: +10dBV

Transmitter Specification:

- Output Power: High power 10mW; low power 3mW
- Spurious Suppression: -60dB
- Power Supply: 2pcs AA batteries
- Operating Time: More than 10 hours under power 10mW, more than 15 hours under power 3mW

• UHF Wireless Microphone



TS-9310

Features

- TUNER balanced diversity reception technique effectively improve the dead corner and background noise problem
- The receiver antenna port can supply power to the external antenna amplifier and other distance extension equipments
- UHF wide band design, 1000 selectable channels
- Receiver features automatic interference signal recognition ability and can automatically avoid the interference channels
- Up to 10 steps of adjustable receiving operating range enables the system to exclude other interference signal
- Transmitter battery power level can be indicated on the receiver LCD
- Double conversion receiving technique features super strong signal receiving ability, long operating range is up to 150 meters
- D-PLL RF stability technique features accurate frequency and stable working performance
- Microphone adopts professional audio companding technique for low noise and wide dynamic range
- Advanced pilot signal lock function can better avoid interference and eliminate the on/off mechanical noise
- Independent XLR output and mixed 6.3mm output for convenient connection with the audio processing and amplifier equipment

Application

- Live performance, program recorded broadcast, large conference

Specification

- Squelch Control: Noise lock and pilot signal testing
- Frequency Deviation: $\pm 48\text{kHz}$
- Frequency Response: 60Hz–18kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: >95dB A+
- Total Harmonic Distortion: <0.5% (at 1kHz)
- Number of Frequencies: 1000
- Sensitivity: -90dBm ~ -65dBm 10 adjustable level
- Operating Range: 150m in open area
- Receiver Power Supply: External DC 12V/1000mA power adaptor
- Transmitter Power Supply: 2pcs of AA batteries
- Transmit Power: <10mW
- Frequency Range: 740MHz–765MHz
- Output Type: Balanced (XLR) and unbalanced (6.3mm), headphone monitor output(6.3mm)

• UHF Wireless Microphone



TS-7210H

TS-7210P

TS-7210H/TS-7210P

Features

- UHF wireless frequency band, twice frequency conversion and dual antenna receiving technology guarantee interference-free reception
- Transmitter features battery power indication
- Transmitter adopts professional audio companding chip for excellent transient response and wide dynamic range
- Receiver adopts quartz frequency multiplication, data pilot frequency, noise lock technology, which effectively prevent RF interference, on/off switch impulsive noise and improve the SNR
- Transmitter is powered by 2pcs AA battery for convenient use
- Balanced (XLR) and unbalanced (6.3mm) output for convenient connection with various audio equipment

Application

- Campus meeting, entertainment host, speech, Karaoke

Specification

- Frequency Range: 450MHz–950MHz
- Frequency Control Range: PLL/Quartz frequency multiplication
- Frequency Steadiness: $\pm 0.005\%$
- Modulation Mode: FM
- Number of Frequencies: fixed frequency
- Receiving Mode: dual conversion
- Frequency Response: 60Hz–15kHz
- Max. Frequency Deviation: $\pm 45\text{kHz}$
- S/N Ratio: > 80dB
- THD: < 1 %
- Receiving Sensitivity: -90dBm
- Dynamic Range: > 100dB
- Receiver Output: unbalanced + balanced
- Transmit Power: < 10mW
- Transmitter Power Supply: 3V (2pcs 1.5V battery)
- Transmitter Battery Play Time: approx. 10hrs (depending on the battery)
- Operating Range: 50m in open area
- Operating Temperature: -20°C~60°C



TS-7220HH/TS-7220HP/TS-7220PP

Features

- UHF frequency band features interference-free reception
- Long operating range up to 50 meters in open area
- Transmitter features excellent audio companding circuit and high quality cardioid capsule for best sound quality and maximum feedback rejection
- Powered by 2pcs of 1.5V batteries for convenient use
- Advanced pilot frequency lock function can better avoid interference and eliminate the on/off impulsive noise
- Balanced (XLR) and unbalanced (6.3mm) output for convenient connection with various audio equipment
- Receiver adopts quartz frequency multiplication fixed frequencies for simple and convenient use

Application

- Campus meeting, entertainment host, speech, Karaoke

Specification

- Frequency Range: 450MHz-950MHz
- Frequency Control: PLL/Quartz frequency multiplication
- Frequency Steadiness: ± 0.005%
- Modulation Mode: FM
- Channel: fixed
- Receiving Mode: double conversion
- Frequency Response: 60Hz-15kHz
- Max. Frequency Deviation: ± 45kHz
- S/N Ratio: >80dB
- THD: <0.5%
- Receiving Sensitivity: -80dBm
- Dynamic Range: >100dB
- Audio Output: balanced (XLR) and unbalanced (6.3mm) output
- Transmit Power: <10mW
- Transmitter Power Supply: 3V (2pcs 1.5V batteries)
- Transmitter Battery Playtime: approx. 10hrs (depending on the battery)
- Operating Range: 50m outdoors
- Operating Temperature: -20°C~60°C



TS-7310P

Features

- UHF transmission and diversity wireless receiving technique features stable and high interference-free performance
- PLL digital frequency control system provides 4 selectable frequencies
- Powered by 2pcs 1.5V batteries
- LCD on body pack transmitter indicates frequency and battery power status
- MINI XLR audio input connector on body-pack transmitter for convenient connection
- XLR 3-pin balanced and unbalanced Φ6.3mm phone jack outputs
- Four-segment RF-level LED display and AF-level LED display
- Squelch and volume level controls
- Operating range up to 80m

Application

- Stage performance, celebration, conference, karaoke, home entertainment

Specification

- Frequency Range: 740MHz-790MHz
- Frequency Control: PLL
- Frequency Steadiness: ± 0.005%
- Modulation Mode: FM
- Channels: 4 selectable channels
- Receiving Mode: diversity
- Frequency Response: 60Hz-15kHz
- Max. Frequency Deviation: ± 45kHz
- S/N Ratio: >80dB
- THD: <0.5%
- Receiving Sensitivity: -80dBm
- Dynamic Range: >100dB
- Audio Outputs: balanced 3-pin XLR; unbalanced Φ6.3mm jack
- Transmit Power: <10mW
- Transmitter Power Supply: 3V(2pcs 1.5V battery)
- Transmitter Battery Playtime: approx.10hrs(depending on the battery)
- Operating Range: 80m outdoors
- Operating Temperature: -20°C~60°C

• UHF Wireless Microphone



DG-K10USB

Features

- UHF frequency band for strong anti-interference capability and stable transmission
- Dual channel and selected fixed frequencies for easy, quick matching and connecting
- Built-in pilot frequency secret key can solve the signal crosstalk effectively
- Wide frequency response range, excellent sound quality
- Receiver adopts digital audio output via USB interface, compatible with multiple smart devices
- Portable mini receiver for convenient use

Application

- Network karaoke, education, training, home entertainment etc

Specification

- Frequency Range: 740~790MHz
- Frequency Control: PLL
- Frequency Steadiness: $\pm 0.005\%$
- Modulation Mode: FM
- Number of Channels: 2 channels
- Frequency Response: 80Hz~12KHz(GB-T17276)
- Modulation Frequency Deviation: $\pm 75\text{KHz}$
- S/N Ratio: 80dB(A+)
- Total Harmonic Distortion: $\leq 1\%$ (at 1KHz)
- Receiving Sensitivity: $\leq -70\text{dBm}$
- Dynamic Range: 80dB A+
- Transmitter Power: $\leq 10\text{mW}$
- Transmitter Playtime: >8 hours (depends on the batteries)
- Operating Range: approx. 10m

065

• VHF Wireless Microphone



TS-2200

Features

- VHF frequency band for interference-free reception
- Hi-frequency with narrow-band and mid-frequency with selection filter, clear up interference of the hash
- ALC circuitry avoids distortion even the volume output is high
- LED power indicator for low battery power warning on handheld microphone
- Transmitter features switching noise shock wave elimination circuit
- Pure Quartz Oscillation circuit for stable frequency performance
- Audio companding technique reduces the noise and increases the dynamic range
- Acoustic feedback rejection circuitry effectively reduces the howling
- Mixed output (6.3mm) for convenient connection with mixer console or karaoke amplifier

Application

- Public speech, karaoke

Specification

- Squelch Control: Noise lock
- Frequency Deviation: $\pm 15\text{KHz}$
- Frequency Response: 60Hz~15KHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: >80dB
- Total Harmonic Distortion: <0.5% (1KHz)
- Number of Channels: 2 Channels
- Sensitivity: -80dBm
- Receiver Power Supply: External DC 12V/300mA
- Operating Range: 35m
- Transmitter Power Supply: 9V battery
- Transmit Power: <10mW
- Frequency Range: 220MHz~270MHz
- Output Type: Mixed output

066

• VHF Wireless Microphone

• VHF Wireless Microphone



TC-2R/TC-4R

Features

- TC-2R VHF dual channel wireless microphone
- The high quality dynamic capsule and circuit connection features excellent sound quality
- TC-4R: Supplied with one receiver and four transmitters
- TC-2R: 50-80m operating area
- TC-4R: 50m operating area
- Selected VHF frequency to avoid interference
- Feedback rejection function can effectively reduce howling
- Optional mixed or individual output to connect with any mixer / amplifier
- The receiver can be used together with handheld mic TC-TD, body-pack TC-TL or conference mic TC-TH at the same time
- Easy recognition by different color for each frequency

Application

- Handheld mic: KTV, program hosting, outdoor activities
- Body-pack mic: Broadcasting, program hosting, outdoor activities
- Conference mic: Conference, lecture

Specification

- Squelch Control: Noise-Lock
- Frequency Deviation: $\pm 18\text{kHz}$
- Frequency Response: 80Hz-15kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: $> 70\text{dB}$
- Total Harmonic Distortion: $< 0.5\%$ (at 1kHz)
- Number of Channels: 4 channels TC-4R 2 channels TC-2R
- Sensitivity: -80dBm
- TC-4R: 50m in open area
- TC-2R: 50-80m in open area
- Harmonic Interference Rate: $\geq 50\text{dB}$

- False Image Interference Rate: $\geq 80\text{dB}$
 - Receiver Power Supply: TC-4R: DC 12V/500mA
TC-2R: DC 12V/300mA
 - Transmitter Power Supply: 9V Battery (TC-TD)
AA1.5V X 2 batteries (TC-TL)
AAA1.5V X 2 batteries (TC-TH)
 - Transmit Power: $< 10\text{mW}$
- Color for Frequencies**
- | | | |
|------------------|-----------------|------------------|
| Orange: 268.9MHz | Blue: 240.9MHz | Red: 250.3MHz |
| Green: 221.3MHz | Grey: 266.6MHz | Yellow: 238.8MHz |
| Purple: 188.6MHz | Khaki: 220.6MHz | |
- Output Type: Separate or mixed output

TS-3360

Features

- VHF frequency band for interference-free reception
- Hi-frequency with narrow-band and mid-frequency with selection filter, clear up interference of the hash
- ALC circuitry avoids distortion even the volume output is high
- LED power indicator for low battery power warning on handheld microphone
- Transmitter features switching noise shock wave elimination circuit
- Pure Quartz Oscillation circuit for stable frequency performance
- Audio companding technique reduces the noise and increases the dynamic range
- Acoustic feedback rejection circuitry effectively reduces the howling
- Mixed output (6.3mm) for convenient connection with mixer console or karaoke amplifier

Application

- Public speech, karaoke

Specification

- Squelch Control: Noise lock
- Frequency Deviation: $\pm 18\text{kHz}$
- Frequency Response: 80Hz-15kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: $> 70\text{dB}$
- Total Harmonic Distortion: $< 0.5\%$ (1kHz)
- Number of Channels: 2
- Sensitivity: -80dBm
- Operating Range: 35m
- Receiver Power Supply: External DC 12V/300mA
- Transmit Power Supply: 2pcs of 1.5V AA batteries
- Transmit Power: $< 10\text{mW}$
- Frequency Range: 220MHz-270MHz
- Output Type: Mixed output (6.3mm)

• VHF Wireless Microphone



TS-6700PP/TS-6700HH

Features

- VHF wireless microphone
- 50m operating distance
- Pure quartz oscillation circuit guarantees stable performance
- Circuit controlled switching noise elimination
- ALC for low distortion, audio companding technology for low noise and wide dynamic range
- Effective feedback control circuitry
- Low power consumption
- LED status indicator on both transmitters and receiver
- Separate or mixed output

Application

- Motional sound source recording and amplifying, live-performances, conference, house of worship, musical and opera

Specification

- Squelch Control: Noise-Lock
- Frequency Deviation: ± 15 kHz
- Frequency Response: 60Hz-15kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: > 80dB
- Total Harmonic Distortion: < 0.5% (1kHz)
- Number of Channels: 2 channels
- Receiving Sensitivity: -80dBm
- Operating Range: 50m in open area (TS-6700HH)
30m in open area (TS-6700PP)
- Receiver Power Supply: DC 12V/ 300mA, external
- Transmitter Power Supply: 9V battery (TS-6700HH)
AA1.5V \times 2 batteries(TS-6700PP)
- Transmit Power: < 10mW
- Frequency Range: 220MHz-270MHz
- Output Type: Separate or mixed output

069

• VHF Wireless Microphone

TS-6320

Features

- VHF wireless system
- Adjustable operating range for best sound performance
- Effective feedback control circuitry
- Low power consumption
- Skid resistant headcase design

Application

- Motional sound source recording and amplifying, for live-performances, conference, house of worship, musical and opera

Specification

- Frequency Range: 220MHz-270MHz
- Number of Channels: 2 Channels
- Frequency Response: 80Hz-15kHz
- Max. Frequency Deviation: ± 20 kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: > 80dB
- Total Harmonic Distortion: $\leq 0.5\%$ (at 1kHz)
- Transmit Power: ≤ 10 mW
- Receiver Power Supply: DC 12V/300mA, External
- Transmitter Power Supply: 9V layer-built Battery
- Output Type: Separate or Mixed Output



TS-6800

Features

- VHF wireless system
- Handheld microphone transmitter featuring recharging function
- Supplied with RoHS Ni-MH batteries for recycle using
- Steady performance
- Clear vocal reproduction
- Professional design

Application

- Motional sound source recording and amplifying, for live-performances, conference, house of worship, musical and opera

Specification

- Frequency Range: 220MHz-270MHz
- Number of Channels: 2 Channels
- Frequency Response: 60Hz-15kHz
- Max. Frequency Deviation: ± 15 kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: > 80dB
- Total Harmonic Distortion: $\leq 0.5\%$ (at 1kHz)
- Transmit Power: ≤ 10 mW
- Receiver Power Supply: DC 12V/300mA, External
- Transmitter Power Supply: 9V layer-built Battery
- Recharger Power Supply: DC 12V/300mA External
- Recharging Period: 10-12hrs
- Output Type: Separate or Mixed Output



070

• VHF Wireless Microphone



TS-7200

Features

- VHF wireless system features high sound quality, good resistance against interference and stable signal reception
- Long operating distance up to 140 meters
- Squelch control for eliminating RF interference and switching noise
- Individual and mixed unbalanced audio output for convenient connection with audio equipment
- LED status indicator on both transmitters and receivers

Application

- Campus conference, outdoor activity and stage performance

Specification

- Squelch Control: Noise Lock
- Max. Frequency Deviation: $\pm 18\text{kHz}$
- Frequency Response: 80Hz–15kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: $>70\text{dB}$
- Total Harmonic Distortion: $<0.5\%$ (1kHz)
- Number of Channels: 2 Channels
- Receiving Sensitivity: -80dBm
- Operating Range: About 140m
- Harmonic Interference Rate: $\geq 50\text{dB}$
- False Image Interference Rate: $\geq 80\text{dB}$
- Receiver Power Supply: DC 12V/300mA
- Transmitter Power Supply: 9V Battery
- Transmit Power: $<10\text{mW}$
- Carrier Frequency: VHF–H
- Output Type: Separate or Mixed Output

071

• VHF Wireless Microphone



TS-6720

Features

- VHF frequency band (220–270MHz) for interference-free reception
- Multilevel high frequency and mid frequency narrowband filter for minimum signal interference
- Unique ALC circuitry for avoiding distortion from high volume
- LED power indicator for low battery warning on handheld microphone
- Circuit controlled switching noise elimination
- Pure Quartz Oscillation circuit for stable frequency
- Audio companding technique for reducing the noise and increasing the dynamic range
- Effective feedback control circuitry
- Separated or mixed output

Application

- Karaoke project installation, motion sound source recording and amplifying, live-performances, conference, house of worship, musical and opera

Specification

- Squelch Control: Noise Lock
- Frequency Deviation: $\pm 15\text{kHz}$
- Frequency Response: 60Hz–15kHz
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: $>80\text{dB}$
- Total Harmonic Distortion: $<0.5\%$ (at 1kHz)
- Number of Channels: 2 channels
- Sensitivity: -80dBm
- Operating Range: 50 meters
- Receiver Power Supply: DC 12V/300mA
- Transmitter Power Supply: 2pcs of 1.5V AA batteries
- Transmit Power: $<10\text{mW}$
- Frequency Range: 220MHz–270MHz
- Output Type: Independent or mixed output

072

TS-6310HH

Features

- VHF frequency band and 42 frequency groups for interference-free reception
- Multilevel high frequency and mid frequency narrowband filter for minimum signal interference
- Unique ALC circuitry for avoiding distortion when volume is high
- Pure quartz oscillator circuitry for stable frequency
- Audio companding technique for reducing the noise and enlarging the dynamic range
- Effective feedback control circuitry
- Low power consumption design
- LED power indicator for low battery warning on handheld microphone transmitter
- Circuit controlled switching noise elimination
- Separate or mixed output
- Rugged and durable handheld microphone design

Application

- Karaoke engineering installation, Motion sound source recording and amplifying, live-performances, conference, house of worship, musical and opera

Specification

- | | |
|---|---|
| • Squelch Control: Noise Lock | • Operating Range: 50m in open area |
| • Frequency Deviation: $\pm 18\text{kHz}$ | • Resonance Interference Rate: $\geq 50\text{dB}$ |
| • Frequency Response: 80Hz-15kHz | • False Image Interference Rate: $\geq 80\text{dB}$ |
| • Frequency Steadiness: $\pm 0.005\%$ | • Receiver Power Supply: DC 12V/300mA |
| • S/N Ratio: $> 70\text{dB}$ | • Transmitter Power Supply: 9V battery |
| • Total Harmonic Distortion: 0.5% (1kHz) | • Transmit Power: +10dBm |
| • Number of Channels: 2 channels | • Carrier Frequency Band: VHF-H |
| • Receiving Sensitivity: -80dBm | • Output Type: Separate or mixed output |



TS-3310HH/TS-3310PP

Features

- VHF frequency band and 42 frequency groups for interference-free reception
- Multilevel high frequency and mid frequency narrowband filter for minimum signal interference
- Unique ALC circuitry for avoiding distortion from high volume
- Pure Quartz Oscillation circuit for stable frequency
- Audio companding technique for reducing the noise and increasing the dynamic range
- Effective feedback control circuitry
- Low power consumption design
- LED power indicator for low battery warning on handheld microphone transmitter
- Circuit controlled switching noise elimination
- Independent unbalanced and mixed outputs
- Rugged and durable handheld microphone design

Application

- Motion sound source recording and amplifying, live-performances, conference, house of worship, musical and opera

Specification

- | | |
|---|--|
| • Frequency Band: VHF-H | Transmitter |
| • Frequency Response: 80Hz-15kHz | • Frequency Deviation: $\pm 18\text{kHz}$ |
| • Frequency Steadiness: $\pm 0.005\%$ | • Frequency Steadiness: $\pm 0.005\%$ |
| • S/N Ratio: $> 70\text{dB}$ | • Modulation Mode: FM |
| • Total Harmonic Distortion: $< 0.5\%$ (1kHz) | • Transmit Power: $\leq 10\text{mW}$ |
| • Number of Channels: 2 channels | • Transmitter Power Supply: 9V layer-built battery for handheld microphones
AA1.5V x 2 for body-pack transmitters |
| • Operating Range: 50m in open area | |
| Receiver | |
| • Squelch Control: Noise-Lock | |
| • Receiving Sensitivity: -80dBm | |
| • False Image Interference Rate: $\geq 80\text{dB}$ | |
| • Receiver Power Supply: DC 12V/300mA | |
| • Output Type: Separate or mixed output | |

TS-331P/TS-331H

Features

- VHF wireless system
- Effective feedback control circuitry
- Electronic on/off switching noise suppression
- Low power consumption

Application

- Motion sound source recording and amplifying, for live-performances, conference, house of worship, musical and opera

Specification

- Frequency Range: 220MHz-270MHz
- Number of Channels: Single Channel
- Frequency Response: 60Hz-13kHz
- Max. Frequency Deviation: $\pm 15\text{kHz}$
- Frequency Steadiness: $\pm 0.005\%$
- S/N Ratio: $> 70\text{dB}$
- Total Harmonic Distortion: $\leq 0.5\%$ (at 1kHz)
- Transmit Power: $\leq 10\text{mW}$
- Receiver Power Supply: DC 9V/300mA, External
- Transmitter Power Supply: 9V layer-built Battery
- Output Type: Separate or Mixed Output



On-stage Microphone ▶



• On-stage Condenser Microphone

PCM-5510

Features

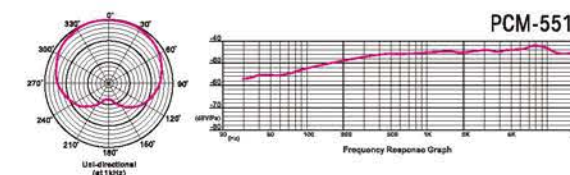
- Back electret condenser transducer
- High sensitivity and clear sound reproduction
- Smooth frequency response range
- Rugged and durable construction
- On/off magnetic-reed switch with lock function for on-stage control
- Unique structure to avoid rolling when laid flat

Application

- On-stage performance, piano, strings

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–18kHz
- Sensitivity: $-42\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V/Pa}$ at 1kHz)
- Output Impedance: $1000\ \Omega \pm 30\%$ (at 1kHz)
- Max. Input SPL: 136dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 1.5V AA Battery
- Net Weight: 282g



PCM-5520

Features

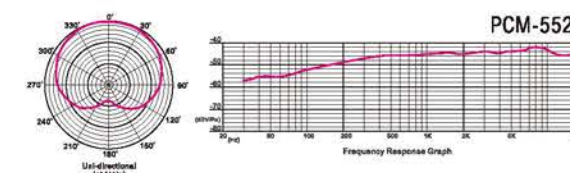
- Back electret condenser transducer
- High sensitivity and clear sound reproduction
- Smooth frequency response range
- Rugged and durable construction
- On/off magnetic-reed switch with lock function for on-stage control

Application

- On-stage performance, piano, strings

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–18kHz
- Sensitivity: $-45\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V/Pa}$ at 1kHz)
- Output Impedance: $1000\ \Omega \pm 30\%$ (at 1kHz)
- Max. Input SPL: 136dB (THD $\leq 1.0\%$ at 1kHz)
- Power Requirement: 1.5V AA Battery
- Net Weight: 258g



• On-stage Condenser Microphone

PCM-5550

Features

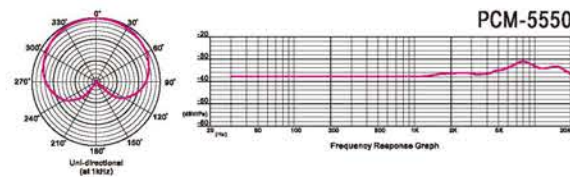
- Excellent audio processing circuitry features natural and smooth sound
- High sensitivity and low output impedance guarantee unrivaled recording performance
- Built-in windscreen minimizes plosives and wind noise
- Supplied with 1.5V AA batteries, playtime is up to 15 days
- Stylish ivory outlook

Application

- Internet karaoke, PC recording, etc.

Specification

- Transducer Principle: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Sensitivity: $-38 \pm 3\text{dB}$
- Frequency Response: 30Hz–20kHz
- Equivalent Noise Level: $\leq 22\text{dB}$ (IEC 581–5)
- Max. Input SPL: 125dB(at 1kHz 0dB THD $\leq 1\%$)
- Output Impedance: $350 \Omega \pm 30\%$
- Load Impedance: $\geq 1000 \Omega$
- Power Requirement: 1.5V AA batteries
- Net Weight: 300g



• Condenser Karaoke Microphone

PCM-5560

Features

- Unique outlook design with multiple optional colors, perfect combination of profession and fashion
- High efficiency electro-acoustic conversion technology ensures natural and clear sound reproduction
- 3-step sensitivity adjustment switch for different application
- High sensitivity and low impedance design perfectly matches the computer integrated sound card or external sound card connection
- Built-in filter windscreen effectively eliminate unwanted noise such as breathing or wind noise
- Provided with C2–1 special conversion cable for convenient mobile phone karaoke and better sound performance
- Powered by 1pc 1.5V AA battery, long operating time up to 15 days

Application

- Home entertainment, mobile phone karaoke, network karaoke, PC recording, instrument recording

Specification

- Transducer Principle: Back electret condenser
- Polar Pattern: Cardioid
- Frequency Response: 30Hz–20kHz
- -10dB (for home entertainment):
Sensitivity: $-52\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
Equivalent Noise Level: $\leq 32\text{dB}$ (IEC 581–5)
Max. Input SPL: 138dB(THD $\leq 1\%$ at 1kHz)
- 0dB(for mobile phone karaoke, network karaoke):
Sensitivity: $-42\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
Equivalent Noise Level $\leq 22\text{dB}$ (IEC 581–5)
Max. Input SPL: 128dB(THD $\leq 1\%$ at 1kHz)
- $+10\text{dB}$ (for network karaoke):
Sensitivity: $-32\text{dB} \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
Equivalent Noise Level $\leq 18\text{dB}$ (IEC 581–5)
Max. Input SPL: 118dB(THD $\leq 1\%$ at 1kHz)
- Output Impedance: $350 \Omega \pm 30\%$
- Load Impedance: $\geq 1000 \Omega$
- Power Requirement: 1pc 1.5V AA battery

TA-55C

Features

- Advanced audio circuit for low distortion and low noise
- High sensitivity and wide frequency response for effective natural sound reproduction
- Gold-plated diaphragm condenser capsule features clear sound quality and high resolution
- Nice nickel-plated finish for high oxidation resistance
- Built-in high-pass filter switch can effectively minimize the low frequency noise such as vibration and wind noise

Application

- Audio processing, recording

Specification

- Element: Back Electret Condenser
- Directivity Characteristic: Cardioid
- Frequency Response: 30Hz–20KHz
- Sensitivity: $-34 \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Equivalent Noise Level: $\leq 24\text{dB}$
- Max. Input SPL: $\geq 130\text{dB}$
- Output Impedance: $100 \Omega \pm 30\%$ (at 1kHz)
- Power Requirement: 48V Phantom Power Supply



• On-stage Dynamic Microphone

TA-58

Features

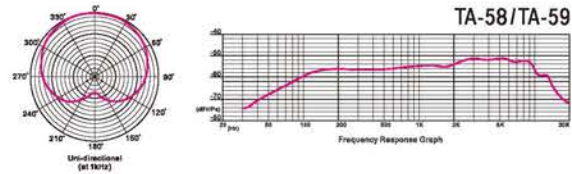
- High directivity
- Clear and bright vocal reproduction
- Rugged metal construction
- On/off magnetic-reed switch for on-stage control

Application

- Vocal, cymbal and percussion amplification

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-55\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $400\ \Omega \pm 30\%$ (at 1kHz)
- Net Weight: 320g



• On-stage Dynamic Microphone

TA-60

Features

- Rugged zinc alloy structure and metal grille, fashionable and durable design
- Super cardioid pickup, pop-noise-resistant design, low feedback and high gain
- Capsule shock mount design prevents handling noise and ensures the excellent pickup effect
- Wide frequency response, natural reproduction without distortion
- Magnetic-reed switch design prevents ON/OFF surge noise and protects the rear equipments

Application

- Stage show, karaoke, outdoor activity

Specification

- Transducer Principle: Dynamic
- Polar Pattern: Super cardioid
- Frequency Response: 60Hz–18kHz
- Sensitivity: $-51\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $350\ \Omega \pm 30\%$ (at 1kHz)
- Net Weight: 350g



TA-59

Features

- Distinct and lifelike sound reproduction
- Cardioid directivity characteristic ensures maximum gain
- Rugged and durable metal construction
- Anti-skid headcase design
- Effective, built-in wind and breath "pop" noise filter
- On/off magnetic switch for on-stage control

Application

- Vocal, karaoke, live performance

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-55\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $400\ \Omega \pm 30\%$ (at 1kHz)
- Net Weight: 398g



TA-55D

Features

- High quality dynamic capsule features wide frequency response range and clear sound reproduction
- Uni-directional characteristic ensures maximum gain and eliminates background noise
- Nice nickel-plated finish for high oxidation resistance
- Effective, built-in wind and breath noise filter design
- On/off magnetic-reed switch for eliminating switching noise

Application

- Stage performance, karaoke

Specification

- Element: Dynamic
- Directivity Characteristic: Hyper-cardioid
- Frequency Response: 60Hz–16kHz
- Sensitivity: $-52\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $600\ \Omega \pm 30\%$ (at 1kHz)



• Karaoke Microphone

DM-1200

Features

- High sound pressure handling capability
- Clear sound reproduction for live application
- Rugged and durable metal construction
- On/off magnetic-reed switch for on-stage control

Application

- On-stage performance, karaoke, outdoor activities

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–16kHz
- Sensitivity: $-51\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $600\ \Omega \pm 30\%$ (at 1kHz)



DM-2008

Features

- High sensitivity and low distortion
- Excellent frequency response range
- Rugged and durable metal construction
- On/off magnetic-reed switch for on-stage control

Application

- On-stage performance, karaoke, outdoor activities

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 40Hz–16kHz
- Sensitivity: $-52\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $600\ \Omega \pm 30\%$ (at 1kHz)



KM-662

Features

- Rugged and durable metal housing with electroplated surface finish
- Unique anti-slide housing
- Distinct middle frequencies and gentle high frequency reproduction
- Non-detachable cable

Application

- On-stage performance, karaoke and home entertainment

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 50Hz–15kHz
- Output impedance: $600\ \Omega \pm 30\%$ (at 1kHz)
- Sensitivity: $-51\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)



KM-661

Features

- Punchy bass, rich middle and distinct high frequency response
- Wide and flat frequency response with high sensitivity
- Rugged, electro-plated housing and heat-treated mesh for maximum stability
- On/off switch for ease of operation

Application

- On-stage performance, karaoke, home entertainment

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 80Hz–11kHz
- Sensitivity: $-54\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $500\ \Omega \pm 30\%$ (at 1kHz)



DM-2100

Features

- Powerful sound with exquisite highs
- Excellent performance even at harsh climate conditions
- Unique structure to avoid rolling when laid flat
- Rugged and durable metal construction
- On/off magnetic-reed switch for on-stage control

Application

- On-stage performance, karaoke, outdoor activities

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 40Hz–16kHz
- Sensitivity: $-52\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $600\ \Omega \pm 30\%$ (at 1kHz)



DM-2300

Features

- High sound pressure handling capability
- Clear sound reproduction for live application
- Anti-slide mesh ring
- On/off switch for ease of operating

Application

- On-stage performance, karaoke, outdoor activities

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 60Hz–18kHz
- Sensitivity: $-50\text{dB} \pm 3\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- Output Impedance: $600\ \Omega \pm 30\%$ (at 1kHz)



• Karaoke Microphone

K20

Features

- UV paint finish for elegant appearance, well scratch resistance
- Cardioid directivity for excellent sound capturing and effective feedback reduction
- Unique anti-slide design
- Ship-shape switch with anti-slide design for good handle, effective on/off noise elimination for protecting the audio equipments
- Internal high quality sponge filters useless signal and protects the capsule

Application

- Home entertainment, Karaoke, stage

Specification

- Transducer Principle: Dynamic
- Directivity Characteristic: Cardioid
- Frequency Response: 40Hz-16kHz
- Sensitivity: $-52 \pm 3\text{dB}$ (0dB=1V/Pa at 1kHz)
- Output Impedance: $600\Omega \pm 30\%$ (at 1kHz)
- Cable: $\Phi 5\text{mm} \times 4\text{m}$ single core
($\Phi 6.35\text{mm}$ nickel-plating plug + female connector)
- Net Weight: 250g



PRO-38



PRO-918



E-340

Headphone ▶



• Gaming Headset

GM 200

Features

- Ø40mm NdFeB driver unit features high sensitivity, wide frequency response and large dynamic range
- Adopts compound material diaphragm, pure LF, penetrating MF and delicate HF
- Vocal signal cable designed with high sensitivity microphone for outstanding gaming dialogue experience
- Soft headband and ear pads for comfortable wearing
- Ergonomic design suits for various head shapes wearing
- Provided with headphone signal cable and Y-type extension cable to meet the application of mobile device, PC, etc

Application

- PC, MAC, PS4™, Xbox One, mobile device

Specification

- Unit Type: dynamic
- Unit Diameter: Ø40mm
- Unit Impedance: 32Ω ± 15%
- Frequency Response: 10Hz~20KHz
- Sensitivity: 95 ± 3dB at 1mW
- Peak Power: 40mW
- Rated Power: 20mW
- Headphone/Microphone Signal Cable: Ø4mm x 1.3m
- Headphone Signal Cable: Ø4mm x 1.6m
- Y-type Extension Cable: Ø4mm x 2m
- Net Weight: 235g(w/o cable)



• MFi Headphone

TS-2280

Features

- Adopts metal diaphragm driver for exquisite and detailed sound performance
- Drum alloy cavity effectively reduces the resonance and provides more accurate bass
- Gentle and natural mid frequency
- Alloy housing with anodizing surface treatment, 2 optional colors
- Ergonomic design for comfortable wearing
- Soft and tensile cable with apple cable control(mic, play, pause, volume, music selection)
- Provided with exquisite leather portable bag and 3 different size of single/double earmuffs
- Apple MFi certificated, perfectly compatible with iPhone, iPad and iPod

Specification

- Transducer Principle: Dynamic
- Driver Diameter: Ø8mm
- Impedance: 20 Ω ± 30%
- Frequency Response: 10Hz ~ 20kHz
- Sensitivity: 100 ± 3dB at 1kHz
- Max. Input Power: 30mW
- Rated Power: 15mW
- Cable: Y cable, 1.4m
- Adaptor Plug: Gold-plated Ø3.5mm 4-pole plug
- Weight: 12.5g(without cable)



• HI-FI Headphone

HI 3050

Features

- 96*76mm planar drive unit, wide frequency response and wide dynamic
- German TUYU high quality ultra-thin planar diaphragm and non-glue technology, the ultra-low frequency reaches 10Hz
- Prominent sound quality, low distortion, powerful bass, rich & clear mids, delicate and penetrating highs
- Open design, natural and penetrating sound quality reproduces every music detail
- Soft and comfortable headband and ear pad for long time use without stress and fatigue.
- Ergonomic mechanical design fits for different head shape

Application

- HiFi audiophile

Specification

- Unit Type: Planar full range speaker
- Rated Power: 30mW
- Impedance: 32Ω
- Max Power: 100mW
- Sensitivity: 94dB
- Connecting Cable: Ø4.5mm x 2.5m
- Frequency Response: 10Hz~35kHz
- Connector: Stereo connector 6.3mm+Ø3.5mm
- Product Weight: 490g



HD 5800

Features

- Large Ø50mm NdFeB driver features wide frequency response and wide dynamic sound performance
- Adopts "Sound diffuser" technology to enhance the treble extensibility and broaden the sound field
- Closed design ensures excellent ambient noise attenuation
- Soft, high protein leather ear pads for longtime comfortable wearing
- Ergonomic design fits different head shape
- Headphone foldable design and detachable cable design for convenient carrying
- 180° outward swivelling ear cup enables single side monitoring
- Apple MFi certificated, furnished with in-line microphone cable which is perfectly compatible with iPhone, iPad and iPod

Specification

- Product Type: Dynamic
- Driver Diameter: Ø50mm
- Impedance: 42 Ω ± 30%
- Frequency Response: 10Hz~20KHz
- Sensitivity: 100 ± 3dB at 1KHz
- Max. Input Power: 1000mW
- Rated Power: 500mW
- Microphone Cable: Ø4mm x 1.2m
- Straight Cable: Ø4mm x 2.2m
- Connector: Gold-plated stereo Ø3.5mm+ Gold-plated stereo Ø6.3mm
- Net Weight: 300g(without cable)



• MFi Headphone

HD 6500

Features

- Clear highs, precise and natural mids, punchy bass
- Closed back design effectively attenuates the ambient noise
- Ergonomic design fits different head shape
- Rotatable ear cup design for convenient single-side monitoring and carrying
- Detachable cable design for convenient change of different cable, provided with an iOS microphone cable and a straight cable
- Apple MFi certificated, perfectly compatible with iPhone, iPad and iPod

Specification

- Product Type: Dynamic, stereo
- Driver Diameter: $\Phi 53\text{mm}$
- Driver Impedance: $60\ \Omega \pm 30\%$
- Frequency Response: $10\text{Hz} \sim 25\text{kHz}$
- Sensitivity: $100 \pm 3\text{dB}$ at 1kHz
- Max. Input Power: $500\ \text{mW}$
- Rated Power: $250\ \text{mW}$
- Microphone Cable: $\Phi 4\text{mm} \times 1.2\text{m}$, detachable
- Straight Cable: $\Phi 4\text{mm} \times 2.2\text{m}$, detachable
- Connector: $\Phi 3.5\text{mm}$ stereo 4-pole gold-plated plug
+ $\Phi 6.3\text{mm}$ stereo gold-plated plug
- Net Weight: 320g
- Color: Black



• MFi Headphone

ML 750

Features

- Adopts $\Phi 40\text{mm}$ titanium-plated diaphragm for rich and exquisite sound details
- Titanium-plated diaphragm features pressure resistance characteristic, it prevents the diaphragm deformation and sound distortion when air pressure is applied to the headphone
- High density sandalwood cavity design effectively reduce the ear cup resonance and ensure the warm and mellow sound performance
- High protein PU leather ear pads assures long time wearing comfort
- Foldable structure, specially designed for outdoor street listening, portable and convenient for storage
- Ergonomic headband design fits for different head shape
- Apple MFi certificated, perfectly compatible with iPhone, iPad and iPod

Specification

- Product Type: Dynamic, stereo
- Driver Diameter: $\Phi 40\text{mm}$
- Impedance: $16\ \Omega \pm 30\%$
- Frequency Response: $20\text{Hz} \sim 20\text{kHz}$
- Sensitivity: $102 \pm 3\text{dB}$ at 1kHz
- Max. Input Power: $50\ \text{mW}$
- Rated Power: $25\ \text{mW}$
- Audio Connecting Cable: $\Phi 2.5\text{mm} \times 1.2\text{m}$
- Net Weight: 163g
- Color: Black



ML 720

Features

- Adopts NdFeB driver and CCAW voice coil for rich and exquisite sound details
- Special PET diaphragm features pressure resistance characteristic, it prevents the diaphragm deformation and sound distortion when air pressure is applied to the headphone
- Open cavity design with ventilated ear pads guarantee the natural sound field and comfortable wearing experience
- Foldable structure, specially designed for outdoor street listening, portable and convenient for storage
- Ergonomic headband design fits for different head shape
- Apple MFi certificated, perfectly compatible with iPhone, iPad and iPod

Specification

- Product Type: Dynamic, stereo
- Driver Diameter: $\Phi 40\text{mm}$
- Impedance: $32\ \Omega \pm 15\%$
- Frequency Response: $20\text{Hz} \sim 20\text{kHz}$
- Sensitivity: $103 \pm 3\text{dB}$ at 1kHz
- Max. Input Power: $100\ \text{mW}$
- Rated Power: $30\ \text{mW}$
- Cable: $\Phi 2.5\text{mm} \times 1.2\text{m}$
- Net Weight: 163g
- Color: Black



• Monitor Headphone

HD 6000

Features

- Clear highs and punchy bass
- Closed design effectively isolates the ambient noise
- Human engineering design for more comfortable wearing
- Swivel earcup design for convenient single-side monitoring and carrying
- Fashionable outlook design

Specification

- Product Type: Dynamic Stereo Headphone
- Driver Diameter: $\Phi 53\text{mm}$
- Impedance: $60\ \Omega \pm 30\%$
- Frequency Response: $10\text{Hz} \sim 25\text{kHz}$
- Sensitivity: $100 \pm 3\text{dB}$ at 1kHz
- Max. Power: $500\ \text{mW}$
- Rated Power: $250\ \text{mW}$
- Cable: $\Phi 4\text{mm} \times 1.2\text{m} + 4\text{m}$ extension cable
- Connecting Plug: Gold-plated stereo $\Phi 3.5\text{mm} + 6.3\text{mm}$
- Net Weight: 320g
- Color: Black



HD 5500

Features

- NdFeB $\Phi 50\text{mm}$ driver features wide frequency response and dynamic range
- Punchy bass performance, specially designed for DJ and dance music lover
- Closed design effectively isolates the ambient noise
- Comfortable and sealed ear pads for relieving pressure and minimizing bass sound leakage
- Ergonomic design suits different head shape wearing
- Foldable ear cup and detachable cable design for convenient carrying
- 180° swivel ear cup for one-ear monitoring

Application

- DJ, foldback monitoring, music entertainment

Specification

- Transducer Principle: Dynamic
- Driver Diameter: $\Phi 50\text{mm}$
- Impedance: $42\Omega \pm 30\%$
- Frequency Response: $10\text{Hz} - 20\text{kHz}$
- Sensitivity: $100 \pm 3\text{dB}$ at 1kHz
- Max. Input Power: 2000mW
- Rated Power: 1000mW
- Cable: $\Phi 4\text{mm} \times 2.2\text{m}$
- Adaptor Plug: Stereo $\Phi 3.5\text{mm} + \Phi 6.3\text{mm}$, gold-plated
- Net Weight: 310g



HD 2000

Features

- Noble UV painting finish
- Soft, high protein leather ear pads for comfortable wearing
- Swivel earcup design for 25° right or left swivel for different face shape, 180° outward swivel for single hand monitoring
- Adjustable headband allows you to extend or shorten the length by 35mm

Application

- Audio mixing, recording studio monitoring

Specification

- Type: Wired, closed design
- Transducer Principle: Dynamic
- Wearing Style: Headworn
- Frequency Response: $10\text{Hz} - 25\text{kHz}$
- Sensitivity: $101\text{dB} \pm 3\text{dB}$ at 1kHz
- Driver Diameter: $\Phi 50\text{mm}$
- Max. Input Power: 100mW
- Rated Power: 30mW
- Impedance: 32Ω
- Connector: Stereo $\Phi 3.5\text{mm} + \Phi 6.3$ gold plated
- Cable: $\Phi 2.2\text{mm} \times 2\text{m}$, Y-type
- Net Weight: 200g



TS-450

Features

- Stable PET diaphragm perfectly reproduces the music details, sound field and layers
- High protein PU leather ear pads for comfortable wearing
- Closed chamber and refined ear pads for perfect sound isolation
- Ergonomic design fits for different head shape wearing
- High quality OFC cable can effectively reduce the sound quality loss

Application

- Music appreciation, network Karaoke, audio production, monitoring

Specification

- Product Type: dynamic stereo headphone
- Driver Diameter: $\Phi 40\text{mm}$
- Impedance: $24\Omega \pm 15\%$
- Frequency Response: $20\text{Hz} - 20\text{kHz}$
- Sensitivity: $97.5 \pm 3\text{dB}$ at 1kHz
- Peak Power: 50mW
- Rated Power: 20mW
- Connecting Cable: $\Phi 4\text{mm} \times 1.6\text{m}$
- Connector: $\Phi 3.5\text{mm}$ 3-pole gold plated plug + $\Phi 6.3\text{mm}$ stereo gold plated plug
- Net Weight: $213 \pm 20\text{g}$
- Color: black



TS-650

Features

- Extremely high power handling capability
- Punchy bass range, well-balanced mids and clear highs
- Unique construction provides perfect fit
- Featherweight solution for long-term wearing comfort
- 90° swiveling earcup
- Folding earcup design for ease of carrying
- Supplied with both soft skin ear pad and cloth ear pad

Application

- DJ, audio mixing, recording studio monitoring

Specification

- Transducer Principle: Dynamic
- Driver Diameter: $\Phi 50\text{mm}$
- Impedance: 45Ω
- Sensitivity: 104dB
- Frequency Response: $20\text{Hz} - 20\text{kHz}$
- Power Handling Capability: 2000mW
- Cable: $\Phi 4\text{mm} \times 1.2\text{m}$ spring cable (full stretch length approx. 4m)
- Adaptor Plug: Stereo $\Phi 3.5\text{mm} + \Phi 6.3\text{mm}$



• Monitor Headphone

PRO 82

Features

- Ø40mm new NdFeB driver features high sensitivity, wide response range and large dynamic
- Adopts high polymer coating diaphragm, pure bass, penetrating mids and exquisite highs
- Soft and comfortable headband and ear pads for long time listening without stress
- Ergonomic design fits different head shapes
- Designed with 3 level bass adjustment function, user can adjust the bass according to the music style to exert the best performance

Application

- Recording monitoring, music appreciation

Specification

- Transducer Principle: Dynamic
- Driver Diameter: Ø40mm
- Impedance: 32Ω ± 15%
- Frequency Response: 10Hz~20KHz
- Sensitivity: 96 ± 3dB at 1KHz
- Max. Power: 20mW
- Rated Power: 10mW
- Cable: Ø4mmX2.2m
- Adaptor Plug: Ø3.5mm+6.3mm
- Net Weight: 235 ± 20g (w/o cable)



• Hearing Protection Headphone

EP-100

Features

- Rugged and durable
- Adjustable earlaps
- Soft and replaceable ear pads
- Excellent rejection of unwanted noise – suitable for extreme SPL environments

Application

- Shooting training area, factory, airport, mine

Specification



Frequency (Hz)	50Hz	100Hz	200Hz	500Hz	1kHz	2kHz	5kHz	10kHz	20kHz
Average Attenuation (dB)	12dB	14dB	18dB	32dB	36dB	36dB	37dB	40dB	40dB
Net Weight	197g								
Earcap Force	≦ 12N								

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• Earphone

DW1

Features

- Adopts Bluetooth®4.1, reliable transmission, high anti-interference capability
- Supports Apt-X® codec technology to reproduce high quality music
- Built-in noise reduction microphone provides high quality vocal communication
- IPX4 protection level meets sport requirement
- Multiple ergonomic design of ear pads and ear fins suit for different wearing requirement
- Strong magnet adsorption AI housing design prevents from winding and sliding

Application

- Bluetooth terminal equipments, e.g. cell phone, tablet PC, PC, player music appreciation

Specification

- Model: DW1
- Bluetooth Version: bluetooth 4.1
- Supported Protocol: A2DP/AVRCP/HFP/HSP
- Communication Distance: 10m
- Noise Reduction: CVC noise reduction
- Music Playing Time: approx. 10hrs
- Communication Time: approx 10h
- Battery Type: lithium-ion battery (3.7V 120mAh)
- Frequency Response: 20Hz~20kHz
- Channel: dual channel stereo
- Unit Dimension: 10mm



TS-2260

Features

- Ø9.2mm high resolution driver unit reproduces rich sound details
- Even and accurate sound, tailored for foldback monitoring
- Ergonomic design
- Provided with Ø6.3mm adapter for various applications
- Provided with portable bag for convenient carrying

Application

- Network Karaoke monitoring, personal recording monitoring

Specification

- Type: dynamic stereo earphone
- Unit Diameter: Ø9.2mm
- Unit Impedance: 16Ω ± 15%
- Frequency Response: 20Hz~20kHz
- Sensitivity: 94 ± 3dB SPL (94 dB SPL=1Pa) at 1KHz with Vinut=0.126V(1 mW)
- Peak Power: 5mW
- Rated Power: 3mW
- Cable: Ø2.3mm x 1.2 m
- Connector: Ø3.5mm gold plated 3-pole connector
- Net Weight: 13 ± 1.5g



092

• Earphone

HI 1200

Features

- Metal diaphragm driver features exquisite and detailed sound performance
- Wooden structure with superior acoustic characteristic for pure and natural sound reproduction
- Excellent ergonomic design for fit and comfortable wearing
- Clear microphone line control ensures a wonderful call experience
- Provided with 6 kinds of soft rubber ear pads for different people
- Provided with exquisite portable leather bag for more convenient carrying

Application

- Smart phone/Single hole notebook/PAD/MP3

Specification

- Transducer Principle: Dynamic
- Driver Diameter: $\Phi 8\text{mm}$
- Impedance: $20\Omega \pm 30\%$
- Frequency Response: 10Hz ~ 20kHz
- Sensitivity: $100 \pm 3\text{dB}$ at 1kHz
- Max. Input Power: 30mW
- Rated Power: 15mW
- Cable: 1.4m, Y Type
- Adaptor Plug: $\Phi 3.5\text{mm}$, 4 pole gold-plated
- Net Weight: 12.5g (w/o package)



TS-2251

Features

- In-ear design for maximum noise isolation
- Punchy bass, natural mids and clear highs
- Supplied with three pairs of ear pads in different sizes for optimal fit

Application

- CD, MP3, monitoring

Specification

- Transducer Principle: Dynamic
- Driver Diameter: $\Phi 9.2\text{mm}$
- Impedance: 16Ω
- Sensitivity: $100\text{dB} \pm 3\text{dB}$ (at 1kHz)
- Frequency Response: 20Hz~20kHz
- Cable: Approx. 1.5m
- Adaptor Plug: Stereo $\Phi 3.5\text{mm}$



Portable Amplifier ▶



• Wired Portable Amplifier

E160

Features

- Class D digital amplification technology for high power audio output and clear sound quality
- Innovative AGI sound extension technology enhances the frequency band and dynamic response
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system ensures safe and reliable battery operating
- Electronic touching button for easy operation
- AUX audio signal input function for using as a small speaker
- Elegant and durable outlook
- Multiple wearing choices (shoulder hanging, waist wearing) for convenient use

Application

- Teaching, tour guide, outdoor PA

Specification

- Frequency Response: 80Hz-12kHz
- Rated Audio Power: 5W
- Max. Output Power: 12W
- Output Impedance: 4Ω
- Operating Voltage: DC 7.4V
- Battery Specification: 7.4V/1000mAh lithium-ion battery
- Power Adaptor: DC 10.6V/450mA
- Recharging time: 4-6 hours
- Playtime: about 8 hours
- Dimension: 90 x 90 x 43mm
- Net weight: 270g



E126

Features

- Small size and lightweight MINI amplifier
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Digital circuitry technology, 8W output power
- Powered by high capacity rechargeable polymer Li-ion battery
- Built-in MCU intelligent recharging management system for secure battery charging and discharging, fast charging time (4-6hrs) and long play time (more than 15hrs)
- With AUX audio signal input function, as a small speaker
- Compact and elegant design, durable ABS construction
- Choices of waist or shoulder hanging wear style for convenient use

Application

- Teaching, tour guiding, outdoor activity, promotion

Specification

- Frequency Response: 90Hz-12KHz
- Rated Output Power: 4W
- Max. Output Power: 8W
- Output Impedance: 4Ω
- Battery Specification: 3.7V/1000mAh lithium-ion battery
- Power Adaptor: DC 5V 600mA
- Recharging Time: 4-6hrs
- Playtime: ≥ 15hrs
- Dimension: 92x72x27mm
- Net Weight: 140g



• Wired Portable Amplifier

E128

Features

- A portable digital amplifier combining microphone, power amplifier, speaker cabinet and battery together
- Integrated digital electro-acoustic technology, high output power up to 8W
- Designed with single song repeat and TF card multimedia audio files music playing function
- Supports mobile phone wireless music play function, high efficient and stable transmission
- Built-in high capacity Li-ion battery, 2-3 hours of recharging lasts for more than 15 hours operation
- Flexible wearing styles for convenient use
- Ergonomic design, fashionable contour

Application

- Teaching, tour guiding, training, promotion, propaganda, morning exercise

Specification

- Frequency Response: 80Hz-12kHz
- Peak Power: 8W THD+N < 1%
- Microphone Input Sensitivity: -30dBV ± 2dBV, @1W, 1kHz
- Line Input Sensitivity: -19dBV ± 2dBV, @1W, 1kHz
- Operating Voltage: DC 3.5-4.2V
- Battery Specification: 3.7V/1000mAh
- Recharging Specification: DC 5V/600mA
- Recharging Time: 2-3 hours
- Operating Time: ≥ 15 hours
- Wireless Operating Range: approx. 10m (open area)
- Music Media Format: MP3, WAV
- Max TF Card Capacity: 64GB
- Net Weight: 116g
- Dimension: 93x77x30mm



E270

Features

- Digital reinforcement technology, 10W high power audio output
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function supports multimedia audio file play of USB flash disk and TF card
- LOW-THD AT adaptive technology features low distortion even under high output power
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system effectively protect the battery
- Aux audio signal input function, can be used as small speaker cabinet
- Bluetooth function for convenient music playing
- Solid and durable ABS enclosure
- Fashionable contour, shoulder hanging or waist wearing style for convenient use

Application

- Teaching, tour guiding, outdoor activity, promotion, morning exercise, entertainment

Specification

- Frequency response: 80Hz-12KHz
- Charger: DC=5V600-750mA
- Max output power: 10W
- Recharging time: 4-6 hours
- Rated output power: 5W
- Operating time: ≥ 20 hours
- Speaker impedance: 4Ω
- Dimension: 101.5 x 93.5 x 45mm
- Operating voltage: 3.7V
- USB and TF card: max 16G
- Battery: 3.7V/2000mAh
- File format: MP3
- Product weight: 250g



E270M

Features

- Rear earth material speaker features better sound for bringing a new feel of listening audiobook
- Supports wireless playing, wireless connection with cell phone, PC, PAD to receive network program or broadcasting program
- Music play function supports multimedia audio file play of TF card
- Integrated digital electro-acoustic technology, 12W peak output power
- Built-in high capacity lithium-ion battery, long operating time up to 10hrs
- Special anti-rain and dust structure for convenient outdoor use
- Ergonomic design and fashionable contour

Application

- Suitable for listening audiobook program

Specification

- Frequency Response: 80Hz-12kHz
- Peak Output Power: 12W
- Rated Power: 6W
- Speaker Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery: 1pc 3.7V/2000mAh Li-ion battery
- Charger: DC5V,300-1000mA
- Recharging Time: approx. 4 hours
- Operating Time: >10 hours
- TF Card: max. 64G
- Built-in Bluetooth: bluetooth 4.2
- Media Format: MP3, WAV, WMA
- Net Weight: 247g
- Product Dimension: 93.5*100.7*44.6



E6

Features

- Unique rain and dust proof construction
- Digital amplifier circuitry for minimum battery power consumption
- 6W output power
- All function controlled by MCU for convenient operation
- Volume control features memory of last setting
- Intelligent battery capacity indication on top panel
- Built-in intelligent power management system for stable performance and long playtime
- Mini USB connector assures convenient connection with computer for recharging
- Supplied with high capacity rechargeable lithium-ion battery
- Multiple wearing choices for convenient use



Application

- Coaching, tour guiding, presentation

Specification

- Frequency Response: 80Hz-12kHz
- Output Power: 6W (PMPO: 12W)
- Output Impedance: 4Ω
- Operating Voltage: 3.7V/2200mAh lithium-ion battery
- Power Adaptor Specification: DC 5V / 750mA
- Recharging Period: 4-6hrs
- Playtime: 20hrs (depending on the volume and temperature)
- Audio cable: 2.5mmx1.2m (Φ3.5mm nickel-plated double plug)
- Net Weight: 243g
- Product Size: 100 x 94 x 43mm

E8M

Features

- Special construction for water and dust proof
- MCU function control, touch switch operation
- Electronic volume control technology, the memory function makes the volume same as last time automatically when it is on
- Music play function supports the multi-media audio files play of USB flash disk and TF card
- MCU intelligent power level inspection for actual battery power condition indication
- Built-in high capacity lithium-ion battery
- Class D digital amplification module for low power consumption and high output power upto 18W
- Built-in MCU intelligent recharging management system for secure recharge and discharge and fast recharging time(only 6hrs), playtime is upto 8 to 12 hours
- Multiple wearing choices for convenient use
- Unique and fashionable design

Application

- Teaching, tour guide, selling, outdoor PA

Specification

- Frequency Response: 80Hz-12kHz
- Output Power: 18W
- Output Impedance: 7.4V
- Operating Voltage: 4Ω
- Battery Specification: 2pcs 3.7V/2200mAh lithium-ion battery
- Power Adapter: DC 10.6V 450mA
- Recharging Time: 4-6hrs
- Playtime: 12hrs
- Dimension: 100 x 94 x 43mm
- U disk and TF card: max.16G in MP3 format



DA-1210M

Features

- Adopt PO² digital power synthesized technology, high output power up to 15W
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function supports multimedia audio file play of TF card
- Double decoding function supports MP3 and WAV format files decoding
- LOW-THD adaptive technology prevents sound distortion under high power output
- Built-in high capacity lithium-ion battery and MCU intelligent recharging management system for secure recharge/discharge

Application

- Teaching, tour guide, presentation, selling, promotion

Specification

- Sensitivity: -44~-47dB
- Frequency Response: 80Hz-12kHz
- Maximum Output Power: 15W
- Rated Output Power: 8W
- Output Impedance: 4Ω
- TF Card: Max. 32G
- Media Format: Mp3/WAV
- Operating Voltage: 7.4V
- Battery Specification: 7.4V/1000mAh lithium ion battery pack
- Charging Voltage: DC 10.6V 450~2000mA
- Charging Time: Approx. 5 hours
- Playtime: ≥5 hours
- Net Weight: 280g
- Product Dimension: 131 x 92 x 47mm



• Wired Portable Amplifier

E188

Features

- Digital circuitry technology, 10W output power
- High-efficiency and strong-magnetism neodymium iron boron speaker features light weight, excellent sound quality and loud output volume
- LOW-THD AT Adaptive Technology features low distortion even at high output power
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system for secure recharge and discharge, fast charging time (4-6hrs), and long play time (more than 20hrs)
- With AUX audio signal input function, as a small speaker
- Compact and elegant design, durable ABS construction
- Choices of waist or shoulder hanging wear style for convenient use

Application

- Teaching, tour guiding, training

Specification

- Frequency Response: 80Hz-12kHz
- Rated Output Power: 5W
- Max. Output Power: 10W
- Output Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery Specification: 3.7V/2000mAh lithium-ion battery
- Power Adaptor: DC 5V / 600-750mA
- Recharging Period: 4-6hrs
- Playtime: ≥20hrs
- Dimension: 86 x 98 x 46mm
- Net Weight: 350g



• Wired Portable Amplifier

E180M

Features

- Digital circuitry technology, 12W output power
- Music play function supports multimedia audio file play of USB flash disk and TF card
- LOW-THD AT Adaptive Technology features low distortion even at high output power
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system for secure battery charging and discharging, fast charging time (4-6hrs) and long play time (more than 20hrs)
- With AUX audio signal input function, as a small speaker
- Exquisite and durable design
- Choices of waist or shoulder hanging wear style for convenient use

Application

- Teaching, tour guiding, outdoor activity, selling, morning exercise, entertainment, presentation

Specification

- Frequency Response: 80Hz-12kHz
- Output Power: 12W
- Output Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery specification: 3.7V/2000mAh lithium-ion battery
- Power Adaptor: DC 5V/600-750mA
- Recharging Time: 4-6hrs
- Playtime: ≥20hrs
- USB disk and TF card: Max. 16G
- Dimension: 86 x 98 x 46mm
- Net Weight: 350g



E188M

Features

- Digital circuit technology, 10W output power
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function supports multimedia audio file play of USB flash disk and TF card
- LOW-THD AT Adaptive Technology features low distortion even at high output power
- Built-in high capacity rechargeable lithium-ion battery
- Built-in MCU intelligent recharging management system for secure battery charging and discharging, fast charging time (4-6hrs) and long play time (more than 20hrs)
- With AUX audio signal input function, as a small speaker
- Exquisite and durable design
- Choices of waist or shoulder hanging wear style for convenient use

Application

- Teaching, tour guiding, outdoor activity, selling, morning exercise, entertainment, presentation

Specification

- Frequency Response: 80Hz-12kHz
- Output Power: 10W
- Rated Output Power: 5W
- Output Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery Specification: 3.7V/2000mAh lithium-ion battery
- Power Adaptor: DC5V/600-750mA
- Recharging Period: 4-6hrs
- Playtime: ≥20hrs
- USB disk and TF card: Max. 16G
- Dimension: 100 x 80.5 x 38mm
- Net Weight: 215g



E180C

Features

- Adopt PO² digital power synthesized technology, high output power up to 8W
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- With music play and single cycle function, supports the multimedia audio files play of USB flash disk and TF card
- Double decoding function can decode the MP3 and WAV format files
- LOW-THD Adaptive Technology features low distortion even at high output power
- Built-in high capacity lithium-ion battery and MCU intelligent recharging management system for secure recharge and discharge, 4-6hrs fast recharging time and long play time up to 16hrs
- Ergonomic design with unique and fashionable outlook

Application

- Teaching, promotion, tour guiding, morning exercise

Specification

- Frequency Response: 80Hz-12kHz
- Max. Output Power: 8W
- Rated Power: 6W
- Output Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery Specification: 18650 lithium-ion battery
- Power Adapter: DC 5V 600-750mA
- Recharging Time: 4-6 hrs
- Play Time: 16-18 hrs
- Product Dimension: 86 x 98 x 46mm
- USB disk/TF Card: Max. 16G
- Media Format: MP3
- Net Weight: 200g



E190M

Features

- PO² digital power synthetic technique, 10W output power
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function, supports the multimedia audio files play of USB disk and TF card
- High brightness digital LED display for controlling the working status intuitively
- Recording function controlled by one button, supports microphone and FM broadcasting content recording
- Built-in FM function to search and save the radio stations automatically
- Built-in high capacity lithium-ion battery and MCU intelligent recharging management system for secure recharge/discharge, 5 hours fast recharging time and long play time up to 12 hours
- Unique and fashionable design

Application

- Teaching, promotion, tour guiding, morning exercise

Specification

- Frequency Response: 80Hz-12KHz
- Max. Output Power: 10W
- Rated Output Power: 6W
- Output Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery Specification: 1pc 18500 lithium-ion battery
- Power Adaptor: DC 5V 600-750mA
- Recharging Time: Approx. 5hrs
- Playtime: 8-12hrs
- USB/TF Card Disk: Max. 16G
- Media Format: MP3 / WAV / WMA
- Net Weight: 241g
- Product Dimension: 115 x 85 x 37mm



E200 Bluetooth Version

Features

- A portable digital amplifier combining microphone, power amplifier, speaker cabinet, charger and battery
- Integrated digital electro-acoustic technology, output peak power up to 18W
- Single song circulation and music playing function, supports playing multimedia audio documents in USB stick or TF card
- Supports mobile phone wireless music play function, high efficient and reliable transmission
- High capacity lithium-ion battery, more than 15 hours operating time
- Various wearing styles meet different requirements
- Ergonomic design, innovative and fashionable contour

Application

- Teaching, tour guiding, training, propaganda, morning exercise, entertainment

Specification

- Frequency Response: 100Hz-12kHz
- Peak Power: 18W THD+N < 10%
- Speaker Impedance: 4Ω
- Microphone Input Sensitivity: ≤ -30dBV ± 2dB
- AUX Input Sensitivity: ≤ -3dBV ± 2dB
- Operating Voltage: DC 3.5-4.2V
- Battery: 18650 battery 3.7V/2000mA
- Charging: DC 5V/600-750mA
- Charging Time: 3-5h
- Operating Time: ≥ 15h
- Wireless Operating Range: 8-10m (open area)
- Music Media Format: MP3, WAV
- U Stick/TF Card: max 64GB
- Net Weight: 299g
- Product Dimension: 107x107x52mm



E9M

Features

- Music play function supports the multi-media audio files play of USB flash disk and TF card
- Infrared remote controller for easy operation
- High resolution LED digital display screen displays the playing status intuitively
- Digital audio technology features low power consumption and high efficiency, high output power up to 20W
- Built-in high-capacity li-ion battery features long play time
- Built-in MCU intelligent recharging management system ensures fast recharging time and reliable performance
- Capacitive touch technology for easy operation and reliable use
- Multiple wearing choices for convenient use

Application

- Entertainment, teaching

Specification

- Frequency Response: 80Hz-12kHz
- FM Frequency Range: 88MHz-108MHz
- Rated Output Power: 16W
- Max. Output Power: 20W
- Output Impedance: 4Ω
- Operating Voltage: 7.4V
- Battery Specification: 7.4V/2200mAh lithium-ion battery
- Power Adaptor: DC 10.6V 450mA
- Recharging Time: Approx. 6 hours
- Playtime: 6-8 hours
- Product Dimension: 123.8 x 120.2 x 53.8mm
- U Disk and TF Card: Max. 32G
- Media Format: MP3, WMA
- Net Weight: 560g



E250M

Features

- Adopts PO² digital power synthetic technology, high output power up to 10W
- Rare earth material speaker features light weight, excellent sound quality and loud output volume
- Music play function supports the multimedia audio files play of USB flash disk/TF card with synchronous lyric display
- 1.2 inch LCD screen for intuitive playback status
- One button recording function for MIC voice and FM radio programs recording
- Convenient digital fast song selection button
- Supports FM radio reception, automatic station searching and saving
- Built-in high capacity lithium-ion battery and MCU intelligent charging management system for secure recharge and discharge, fast recharging time is only 5hrs and play time is up to 10hrs
- Unique and fashionable outlook

Application

- Teaching, tour guide, outdoor activity, selling, promotion

Specification

- Frequency Response: 80Hz-12kHz
- Max. Output Power: 10W
- Rated Output Power: 6W
- Output Impedance: 4Ω
- Operating Voltage: 3.7V
- Battery Specification: 1pc 3.7V/1300mAh lithium-ion battery
- Power Adaptor: DC 5V 500-2000mA
- Recharging Time: Approx. 5 hrs
- Play Time: ≥ 10 hrs
- U Disk and TF Card: Max. 32G
- Media Format: Mp3/WMA
- Net Weight: 260g
- Product Dimension: 129x87x40mm



E17

Features

- Music play function supports the Mp3 audio file play of USB flash disk
- Support song single cycle
- Automatic FM station searching function, multiple channels can be saved
- VHF wireless system
- Dual channels and supplied with both handheld transmitter and body-pack transmitter
- Long operating range up to 30m or more
- Excellent sound quality and wide frequency response
- 35W output power for operating range of 800 square meters
- Adjustable volume, tone and echo function
- AUX-IN and AUX-OUT sockets for convenient connection with other audio equipment
- Built-in auto-recharge control circuit, optional high capacity rechargeable batteries for open air convenient use

Application

- Teaching, speech, outdoor activities

Specification

Receiver

- Frequency Range: 220–270MHz (more than 40 optional frequencies)
- Receiving Sensitivity: -80dBm ($S/N \geq 30\text{dB}$)
- Squelch Control: Noise-Lock
- Harmonic Interference Rate: $> 50\text{dB}$
- False Image Interference Rate: $> 50\text{dB}$
- Total Harmonic Distortion: $< 1\%$ (1kHz)
- Output Power: 35W max
- S/N Ratio: $> 70\text{dB}$
- Frequency Response: 100Hz–12kHz
- Speaker Impedance: 4Ω
- Power Requirement: rechargeable battery or external 16V/3A power adaptor
- Handheld Transmitter Operating Range: 30m outdoors
- Bodypack Transmitter Operating Range: 25m outdoors
- Recharging Time: approx 5–7 hrs (variable according to the battery capacity)
- Playtime: 4–5hrs (Li-ion battery)
- Operating Temperature: -20°C – 60°C
- Net Weight: 3.25kg (including the battery 0.9kg)
- USB Disk Capacity: 16GB (MAX)
- FM Frequency Band: 76–108MHz

Transmitter

- Frequency Steadiness: $\pm 0.005\%$
- Harmonic Suppression: $\leq -40\text{dB}$
- Operating Current (tie-clip mic): 90–110mA
- Operating Current (handheld mic): 25–45mA
- Transmit Power: $\leq 10\text{mW}$



E160W

Features

- 2.4G digital wireless technology for stable and reliable performance
- Adaptive digital ID mode for automatical frequency matching between transmitter and receiver, multiple classrooms can use the system at the same time without interference
- Transmitter and receiver adopt digital audio processing for clear sound quality and high sensitivity
- Built-in polymer Li-ion rechargeable battery for transmitter
- Supplied with high performance built-in wireless lavalier microphone and wired headworn microphone for convenient use
- Digital circuitry technology, 10W output power
- The amplifier can work as portable power source and charge for lavalier transmitter, mobile phone by USB cable

Application

- Teaching, training, tour guiding

Specification

- Carrier Frequency: 2.4G
- Operating Mode: Adaptive digital ID
- Transmit Power: $\leq 10\text{mW}$
- Operating Range: 15–20m
- Frequency Response: 80Hz–12kHz
- Rated Output Power: 5W
- Max. Output Power: 12W
- Output Impedance: 4Ω

Receiver

- Receiver Battery Spec: 7.4V/1000mAh polymer Li-ion battery
- Power Adaptor: DC 10.6V/450mA
- Receiver Recharging Time: 4–6 hours
- Receiver Play Time: ≥ 8 hours(vocal)
- Product Dimension: 90x90x43mm
- Net Weight: 270g

Transmitter

- Sensitivity: -41 – -44dB
- Polar Pattern: Cardioid
- Transmitter Battery Specification: 3.7V/350mAh polymer Li-ion battery
- Power Adaptor: DC 5V
- Transmitter Recharging Time: 4–5hours
- Transmitter Play Time: 5–6 hours
- Product Dimension: 67 x 36 x 28mm
- Net Weight: 40g



WDA-800

Features

- A portable multimedia speaker integrate the function of microphone, player, amplifier and speaker
- 35W high audio output power can cover more than 800m² space
- Wide frequency response, clear and natural sound quality
- Multimedia player supports the MP3 file play of U disk/TF card and recording function
- Adopts dot-matrix display screen for intuitive multimedia content display
- Supports infrared remote control, receiving head mounted on both the front and rear side of the speaker for omni wireless remote control
- Selected VHF frequency for wireless microphone avoids interference
- Dual channel receiving design, optional handheld, bodypack and conference gooseneck transmitter satisfies different applications
- More than 30m operating range
- Built-in 11.1V/5200mAh high capacity lithium-ion battery for convenient outdoor use(optional purchasing part)

Application

- Training, speech, meeting, outdoor activities

Specification

- Wireless Frequency Range: 180MHz-270MHz
- Frequency Steadiness: ± 0.005%
- Modulation Mode: FM
- Number of Channels: 2
- Max. Frequency Deviation: ± 45kHz
- S/N Ratio: > 80dB
- Total Harmonic Distortion: < 1%
- Frequency Response: 60Hz-15kHz
- Receiving Sensitivity: -80dBm
- Transmit Power: < 10mW
- Squelch Control: Noise-Lock
- Operating Range: 30m in open area
- Speaker Impedance: 4Ω
- Max. Output Power: 35W
- Rated Output Power: 20W
- FM Frequency Band: 87-108MHz
- Media Format: MP3
- USB disk/TF Card: Max. 16GB
- Power Adaptor: External 16V/5A
- Battery Specification: 11.1V/5200mAh lithium-ion battery (optional purchasing part)
- Battery Recharging Time: 2.5-3.5hrs
- Playtime: Approx. 3-4hrs
- Operating Temperature: -20°C ~ 60°C



WDA-800



WDA-VTD
Handheld Transmitter

WDA-VTL
Body-pack Transmitter

Remote
Controller

WDA-1000

Features

- Multi-functional and 100W high output power meet the demand of outdoor use
- Two optional dual channel wireless microphone receiver modules: UHF or VHF
- Supports optional installation of video or audio multi-media player module
- Compatible with audio signal input of AUX, guitar, microphone, etc
- The system features multichannel independent volume control, EQ sound effect, ECHO adjustment for various applications
- FM or AM radio reception function searches and saves the stations automatically
- Supplied with infrared remote control for convenient operation
- Built-in high capacity lead-acid batteries for 4 to 6 hrs playtime when there's no external power source
- Designed with telescopic rod, the speaker can be moved and carried conveniently
- High intensity housing design, the special housing wing structure can protect the operating panel from impact; the reinforced speaker and fixed battery mode guarantee the durability under longtime outdoor use

Application

- Performance, meeting, promotion, physical exercise, entertainment

Specification

- Frequency Response: 80Hz-16kHz
- Rated Output Power: 60W
- Max. Output Power: 100W
- Wireless Microphone: 2 transmitters
- Frequency Range: 720-820MHz
- Number of Frequencies: 200
- Comprehensive Noise Ratio: >105dB
- Wireless Microphone Operating Range: 30-50m
- Speaker Impedance: 2Ω
- Operating Voltage: DC12-16V
- Battery Specification: Lead-acid battery 12V/17AH
- Power Adapter Specification: DC 16V 5A
- Recharging Time: Approx. 6hrs
- Operating Time: 4-6hrs
- U Disk and SD Card: Max. 16G
- Product Size: 520.5mmX320mmX333.7mm
- Net Weight: 23kg

Transmitter Specification

- Output Power: High power 10mW; Low power 3mW
- Spurious Suppression: -60dB
- Power Supply: 2pcs AA batteries
- Operating Time: More than 10hours when 10mW
More than 15hours when 3mW

FM Stereo Radio

- Frequency Range: 87.5-108.0MHz
- Practical Sensitivity: 8dB u
- Frequency Response: 30Hz-15KHz (3dB)
- Stereo Separation: 3dB (1KHz)
- Mirror Frequency Rejection Ratio: 50dB
- Intermediate Frequency Rejection: 70dB
- S/N Ratio: 60dB

USB/SD Player

- Frequency Response: 20Hz-20KHz(3dB)
- S/N Ratio: >70dB
- Harmonic Distortion: <0.2% (1KHz)
- Channel Separation: >60dB



WDA-1000



WDA-VR
VHF Wireless
Microphone Module

WDA-VTD
Handheld
Transmitter

WDA-VTL
Bodypack
Transmitter

WDA-UR
UHF Wireless
Microphone Module

WDA-UTD
Handheld
Transmitter

WDA-UTL
Bodypack
Transmitter

WDA-MV7
7" Audio-video
Multimedia Play Module

Remote
Controller

Integrated Application ▶



DA-237

Features

- Full duplex voice technology automatically recognizes and process voice signal
- Special anti-side tone processing chip features automatic squelch control and effectively minimize the howling
- Full automatic communication control technology, wall mount unit (external unit) features integrated microphone and speaker, one cable for convenient connection of the wall mount unit and desktop unit
- Excellent circuitry for high output power up to 3W and clear sound quality
- Independent mute control on desktop unit for both external and internal units
- Audio input function input signal like PC voice warning for customer listening
- Line output function for recording of internal/external voice signal
- Cable protection design on desktop unit
- Compact, elegant design

Application

- Bank, stock-exchange, post office, railway station, cashier desk, ticket office and hospital

Specification

- Operating Voltage: DC 12V/1A
- Output Power: 3W (max)
- Frequency Response: 100Hz-12kHz
- Desktop Unit Dimensions: 182 x 120 x 56mm
- Wall Mount Unit Dimensions: 61 x 85 x 24mm



DA-239

Features

- Full automatic communication control, duplex voice intercom communication technology automatically recognize and process the voice signal without any operation during communication
- Stereo output port for both internal and external voice signal output (for bank clerk recording), recording function is not controlled by the power button and function buttons
- Use high performance components, high output power up to 5W, clear and loud sound quality, high voice resolution
- Independent mute control button on host unit for both external and internal units, which can be controlled according to the application
- Elegant appearance design, built-in LED indicator on the buttons for simple use
- Customized anti-side tone processing chip for automatic squelch control and effectively minimize the howling
- Audio signal input function like PC voice prompt for external broadcasting
- Extension unit can be hung on the wall or pasted on the glass by strong adhesive tape
- Dual gooseneck design for different pickup angle

Application

- Bank, securities company, post office, railway station, payment station, ticket office, hospital

Specification

- Operating Voltage: DC 12V/1A
- Max. Output Power: 10W
- Frequency Response: 100Hz-12kHz
- Speaker Impedance: 4Ω
- Net Weight of Host Unit: 580g
- Net Weight of Extension Unit: 220g
- Host Unit Dimensions: 179.7 x 129.8 x 56.5mm
- Extension Unit Dimensions: 117.8 x 83.7 x 38.9mm



WPM-100 Upgraded Version

Features

- UHF frequency band and PLL frequency synthesized technology for stable working performance
- UHF 780–789MHz frequency band with 3 preset selectable channels
- Low power consumption design, receiver can work for more than 30hrs by using 2pcs alkaline batteries
- One transmitter can be operated with multiple receivers within the operating range
- Adopts dynamic circuit for high S/N ratio
- Composite anti-interference circuit enable 3 sets to use simultaneously without mutual interference

Application

- Studio recording monitoring, on-stage monitoring

Specification

- Carrier Frequency: 780–789MHz
- Frequency Response: 30Hz–16KHz
- Number of Channels: 3
- Transmit Power: $\leq 10\text{dBm}$
- Receiving Sensitivity: S/N: 12dB 3uV
- S/N Ratio: $\geq 50\text{dB}$
- Operating Range: $>50\text{m}$
- Stereo Separation: $>45\text{dB}$
- Transmitter Power Supply: DC 12V/300mA
- Receiver Power Supply: 2x1.5V AA battery or 1.2V rechargeable battery



WPM-200

Features

- UHF frequency band (780–805MHz) and PLL frequency synthesized technology for stable working performance
- 6 selectable channels
- Powered by 2pcs AA batteries, low power consumption design for long playtime up to 30 hours
- Multiple sets of receivers can be operated with a single transmitter within the operating range
- Dynamic expansion circuitry for high S/N ratio
- Complex anti-interference circuit for using 4–6sets at the same time without mutual interference
- Receiver LCD displays frequency, channel and battery level

Application

- Studio recording monitoring, on-stage monitoring

Specification

Transmitter

- Frequency Range: 780–805MHz
- Power Supply: DC 12V/300mA
- Transmit Power: $\leq 10\text{dBm}$
- Operating Current: 80mA $\pm 10\text{mA}$
- Operating Range: 50m

Receiver

- Power Supply: DC 3V (2pcs AA battery)
- Operating Current: 50mA $\pm 20\text{mA}$
- S/N Ratio: $> 50\text{dB}$
- Sensitivity: S/N 12dB 3uV
- Frequency Response: 30Hz–18 KHz
- Frequency Range: 780–805MHz
- Stereo Separation: $> 50\text{dB}$



WTG-900

Features

- 780–850MHz digital frequency-hopping spread spectrum (FHSS) design automatically filter & minimize the wireless interference
- 10 sets of systems can be used at the same time without mutual interference
- More than 100m long operating range, the maximum in open area can be 300m
- Supports wireless talkback function, switch the mode of tour guide or talkback according to your using requirements
- LCD-display indicates the battery level, receiving signal strength as well as the current channel to control the working state anytime
- Adopts intelligent AGC audio signal processing technology for high sound capture capability and high quality sound reproduction
- Powered by high capacity lithium-ion battery, playtime is more than 12hrs
- Light and durable aluminum alloy construction
- Supplied with special charger and portable aluminum case for convenient outdoor using

Application

- Travelling, meeting, museum visiting, coaching, education, wireless synchronous translation

Specification

- Frequency Range: 50Hz–12KHz
- Carrier Frequency: 780–850MHz
- Number of Channels: 100, automatic frequency-hopping mode
- Operating Range: $\geq 100\text{m}$ (the maximum in open area can be 300m)
- Transmit Power: $\leq 10\text{dBm}$
- Receiving Sensitivity: -120dBm
- S/N Ratio: $\geq 60\text{dB}$
- Playtime: Approx. 12hrs
- Recharging Period: Approx. 4hrs, charge current 280mA
- Battery Specification: 3.7V/950mAh polymer lithium-ion battery



Aluminum carrying case



Charger



Single-side clip-on headset



Headworn microphone



WTG-500

Features

- UHF frequency band with 6 selectable channels
- PLL frequency synthesis technique for stable signal transmission
- Complex interference-free circuit enables 4 channel groups to use simultaneously without mutual interference
- One transmitter can be operated with multiple receivers within the operating range
- Long operating range up to 100m
- Low power consumption design, receiver can work for more than 24hrs by using 2pcs alkaline batteries
- Dynamic expanding circuit for high S/N ratio
- Both transmitter and receiver use LCD-display to indicate frequency, channel, battery level status

Application

- Wireless tour guiding, simultaneous translation, audio-visual education

Specification

- Carrier Frequency: 780-789MHz
- Frequency Response: 30Hz-15KHz
- Number of Channels: 6
- Transmit Power: $\leq 10\text{dBm}$
- Receiving Sensitivity: S/N: 12dB 3uV
- S/N Ratio: $\geq 50\text{dB}$
- Operating Range: >100m
- Transmitter and Receiver Power Supply: 2x1.5 AA Alkaline battery

UHF-938 Upgraded Version

Features

- UHF frequency band, PLL frequency synthesized technology ensures stable and reliable performance
- UHF 432.5-434MHz frequency band, preset two optional channels
- Low-power consumption design, 2pcs alkaline battery can work more than 20 hours
- One transmitter can work with multiple receivers within the operating range
- Dynamic expanding circuit for high S/N ratio
- Complex interference-free circuit enables 2 sets to use simultaneously within the operating range

Application

- Tour guide, meeting, education

Specification

- Carrier Frequency: 432.5-433.5/433-434MHz
- Frequency Response: 50Hz-16KHz
- Number of Channels: 2
- Transmit Power: $\leq 10\text{dBm}$
- Receiving Sensitivity: S/N: 12dB 3uV
- S/N: $\geq 50\text{dB}$
- Operating Range: 50m
- Transmitter/Receiver Power Supply: 2x1.5 AA Alkaline battery or 1.2V recharging battery



• Audio Effect

MA-1C

Features

- Rugged and noble alu housing design
- Adjustable reverberation effect via REVERB knob
- Convenient 0dB-40dB stepless gain adjustment via DRY knob
- Innovative and flexible wet/dry adjustment via DRY and REVERB knobs
- Switchable, high precision 48V phantom power supply for versatile use, the sound effect amplifier can also work as phantom power supply only
- Professional audio chip and excellent circuitry feature low noise and low distortion
- Seven LEDs at front panel indicate the signal intensity and clipping
- Easy plug and play connection with computers
- Supplied with balanced and shielded audio output cable

Application

- Recording, chat room and broadcasting

Specification

- Microphone Compatibility: Dynamic/Condenser
- Phantom Power Supply: DC48V
- Gain Range: 0-40dB stepless adjustment
- Reverb Range: 0-25dB stepless adjustment
- S/N Ratio: $\geq 100\text{dB}$ (GAIN=10)
- Frequency Response: 20Hz-50kHz $\pm 0.2\text{dB}$
- Total Harmonic Distortion: 0.002% (GAIN=10)
- Signal Level Indication: by seven LEDs
- Reverb Mode: 3D sound effect reverberation
- Input Power Supply: AC15V/500mA
- Output Power: DC48V
- Power Consumption: $\leq 7\text{W}$
- Input Connector: Standard XLR, balanced input
- Output Connector: Standard XLR, balanced output
- Dimension: 130 x 98 x 41.8mm (Length x width x height)
- Net Weight: 900g



TS-808

Features

- 8-channel intelligent mixer with high S/N ratio and clear, natural sound quality
- Advanced microprocessor controlled circuitry
- Capable of linking systems containing several mixers
- Optional control for principal mode, FIFO mode, free mode
- Additional line input for background music
- Balanced microphone output for connecting with mixer, amplifier, etc.
- Additional line output for recording system
- Powered by 48V phantom power supply, separate power switches for channel 1-4 and channel 5-8
- High output level for synchronous tracking of the camera and indicator
- Can be used as common mixer while switching to the manual mode
- Headphone monitoring function available
- Optional 10dB attenuation on each channel for different applications

Application

- Conference system

Specification

- Max. Gain: > 73dB
- Frequency Response: 30Hz-20kHz
- Equivalent Input Noise: -124dBV
- Mic Input Attenuation: 10dB
- Power Supply: +48VDC
- Input Impedance: 4000Ω (Balanced)
- Output Impedance: 300Ω (Balanced)
- Control Voltage Output: +48V DC
- Power Requirement: 15V/800mA



TS-808V

Features

- 8-channel intelligent mixer is customized for conference application, which guarantee high quality and well-organized conference environment
- 3 optional speech mode (Chairman priority, sequential and free speech mode)
- Advanced audio processing circuit features low noise, wide frequency response and large dynamic range
- LINK IN / LINK OUT serial port design enable multiple units in series connection for using more microphones
- Camera cloud control port (supports VISCA/PELCO_D/P protocol) for conference camera autotracking
- Two independent control phantom power (1-4, 5-8) for convenient connection with power required and non-power required microphone
- Headphone monitoring output and independent volume control switch
- AUX input function for background music and other audio signals play

Application

- Conference, recorded broadcast, monitoring

Specification

- Max. Input Level: -24dBV(Mic), -6dBV(Line), -6dBV(Aux)
- Max. Gain: > 73dB
- Equivalent Input Noise: -95dBV(A+)
- Phantom Power Supply: +48V DC
- Power Supply: 18V/2A
- Frequency Response: 30Hz - 20kHz
- Camera Protocol: VISCA/PELCO_D/P
- Camera Interface: RS-422/485(simplex)
- Camera Baud Rate: 9600bps



TS-816V

Features

- Balanced/unbalanced 16-channel compound input, supports microphone or line input, with independent gain input control knob
- Camera PTZ control port (support VISCA / PELCO_D / P protocol) for conference camera automatic tracking
- Four camera inputs, automatic video output signal switch and multi-position video without dead-corner suits for video conferencing with multiple participants
- 3 units can be combined and used together, user can increase the quantity of host unit according to the actual application
- With speak restriction mode, FIFO, the simultaneous speaking number can be set to effectively reduce the howling and enhance the conference quality
- Intelligent voice control function, when the voice is detected and exceed the set threshold, the microphone will turn on automatically
- Chairman channel is always defaulted as channel 1, which is not restricted by the speech mode
- Provided with switchable 48V phantom power supply
- With line input, record output and headphone monitor interfaces

Application

- Conference, recorded broadcast, monitor

Specification

- Max. Input Level: ≥ -7 dBV(UN_BAL), -13 dBV(BAL), $+10$ dBV(Aux)
- Max. Gain: ≥ 25 dB
- XLR Max. Output: $\geq +8$ dBV
- S/N Ratio: 93dB(A+)
- Phantom Power Supply: +48V DC
- Power Supply: 18V/2A
- Frequency Response: 30Hz - 70kHz
- Camera Protocol: VISCA/PELCO_D/P
- Camera Interface: RS-422/485(simplex)
- Camera Baud Rate: 9600bps



TS-108

Features

- Supports 10 balanced or unbalanced microphone signal input
- Independent microphone output volume control
- Stereo line input for connecting the background sound source device
- 48V phantom power supply meets the power supply demand of condenser microphone
- With microphone ECHO effect adjustment function
- Built-in digital frequency shift circuit features strong anti-howling ability
- 2 microphone EQ adjustment for better sound effect of different microphone

Application

- Meeting

Specification

- Channel Input Impedance: 8KΩ
- Output Impedance: 600Ω
- Max. Gain: 30dB
- Max. Input Level: MIC 50mV (THD $\leq 1\%$)
- Frequency Response: 50HZ-20KHZ
- Self Noise: -80dBV
- Phantom Power: 48V
- Power Supply Voltage: AC15V
- Power Consumption: <7.5W
- Dimension: 485 x 206.5 x 61mm



XR-208

Features

- Wide dynamic range, low self noise and low distortion
- Use famous ALPS fader for low noise and high stability
- Built-in +60dB low noise microphone preamplifier and 48V phantom power supply
- 3-band equalizer for high, and low frequencies makes pleasant tone
- Can be connected to an external effects device
- Rugged and durable metal housing

Application

- Audio making, conference, on-stage performance

Specification

Stereo Inputs

- Impedance: approx. 20k Ω
- Max. Input Level: +20dBu

EQ Stereo Channels

- LOW: 80Hz/ \pm 15dB
- MID: 2.5KHz/ \pm 15dB
- HIGH: 12KHz/ \pm 15dB

Aux Sends

- Impedance: approx. 110 Ω
- Max. Output Level: +20dBu
- S/N Ratio: 110dB
- Total Harmonic Distortion: 0.01%

Stereo Aux Returns

- Impedance: approx. 20k Ω balanced / 10k Ω unbalanced
- Max. Input Level: +20dBu

Main Output

- Impedance: approx. 110 Ω unbalanced
- Max. Output Level: +20dBu

Mono Inputs

Microphone Inputs

XLR Connector, Electronically Balanced, Discrete Input Circuit

- Gain Range: +10 to +50dB
- Max. Input Level: +10dBu
- Impedance: approx. 2.2k Ω balanced
- S/N Ratio: 110dB
- Total Harmonic Distortion: 0.01%

Line Input

- Impedance: approx. 20k Ω balanced/10k Ω unbalanced
- Gain Range: +10 to +30dB
- Max. Input Level: +20dBu @ 0dB gain
- Frequency Response: 20Hz-20kHz+0dB/-3dB
- S/N Ratio: 110dB
- Total Harmonic Distortion: 0.01%



XR-210FX

Features

- Advanced circuit design and high quality electronic components features low noise, low distortion, wide dynamic range and strong anti-interference ability
- 3-band EQ for high, and low frequency adjustment effectively improve the tone
- With signal overload (clip) indication, 80Hz low cut function
- Built-in +50dB low noise microphone preamplifier and 48V phantom power supply suits different kinds of microphone
- Stereo input channel with sensitivity adjustable (+4db, -10db) switch can match with different kinds of input sound source
- 60mm fader controls the main output volume efficiently and expediently
- With RCA CD input, recording output terminal, MAIN output and CTRL ROOM, PHONES monitoring output
- Built-in DSP effect with 100 kinds of effect choices meet various occasions and user requirements
- Built-in German USB chip sound card for free driver and convenient connection with computer (only need one USB cable)

Application

- Internet Karaoke, Computer Recording, Audio Editing, Conference Room

Specification

Microphone Inputs (XLR balanced input)

- Impedance: 1.5K Ω balanced
- Gain Range: +10dB to +60dB
- Max. Input Level: +12dBu @ +10dB gain
- S/N Ratio: 110dB (A weighted)
- Total Harmonic Distortion: \leq 0.005%

Stereo Inputs

- Impedance: 10k Ω unbalanced
- Gain Range: -10dB to +15dB
- Max. Input Level: +20dBu @ +10dB gain
- S/N Ratio: 110dB (A weighted)
- Total Harmonic Distortion: \leq 0.005%

EQ Stereo Channels

- LOW: 80Hz/ \pm 15dB
- MID: 2.5KHz/ \pm 15dB
- HIGH: 12KHz/ \pm 15dB

Main Output

- Impedance: 120 Ω unbalanced
- Max. Output Level: +22dBu
- Frequency Response: 20Hz to 20KHz (\pm 1dB)

Crosstalk Attenuation

- Master output fader off: 85dB

RCA Output Terminal

- Impedance: 1k Ω unbalanced

DSP Effect

- DSP Resolution Ratio: 24bit
- A/D and D/A Conversion: 24bit sample rate 192KHz

USB Sound Card Sample Rate

- 24 bit 48KHz sampling

Compatible System

- Windows 2000/XP, Win7



XR-1016FX

Features

- A mixer console with 10 mono channel, 6 stereo channel, 4 groups and 9-band EQ
- 10 XLR and TRS balanced input port
- 6 stereo TRS balanced input port
- Super low noise preamplifier and +48V phantom power
- Designed with SUB1-2, SUB3-4 and MAIN L-R signal assignment switch for each channel
- 4 auxiliary transmission for each channel: AUX1 and AUX2 auxiliary transmission with PRE/POST switch for monitoring the using effect and sound processor input, whether controlled by fader or not is to switch the PRE/POST switch; additional auxiliary transmission DFX1 and DFX2 for monitoring the external or internal DSP effect when it is set at the post of the fader
- Mono channel features 3-band EQ and adjustable mid frequency, stereo channel features 4-band EQ
- INSERT and XLR port for each mono channel for convenient and flexible connection with various audio equipment
- CD/Tape IN can be distributed to the main output and monitor/headphone output
- USB port provides 5V/0.5A power supply
- 9-band graphic EQ
- 24-byte internal effector with 100 presets, effect mute and peak LED indicator

Application

- Home entertainment, commercial performance, outdoor activities

Specification

- 10 mono input channel with gold-plated XLR and balanced 6.3mm socket, with high-pass filter, the cut-off point is 75Hz, -18dB/Oct
- With gain and +48V phantom power for mono input channel
- 6 stereo input channel with 6.3mm socket and level selection switch
- Effector with 100 kinds of effect
- Output signal with 9-band graphic EQ
- Mono input channel with 3-band EQ and adjustable mid frequency
- Stereo input channel with 4-band fixed EQ
- 4 AUX output: AUX1 with PRE/POST fader for foldback; AUX4 at fader Post for sending the effect
- Each input channel with MUTE/SUB1-2/SUB3-4, SOLO switch and signal LED/overload LED
- TAPE IN/TAPE OUT with shut-off switch
- Matrix(MAIN MIX/SUB1-2/3-4) and decentralized output level for headphone/control room
- Balanced XLR and 6.3mm output socket
- Product Dimension: 440*480*108mm
- Net Weight: 5.5kgs



XR-612FX

Features

- 6 XLR and TRS balanced input socket
- Stereo TRS balanced input socket
- Gain control + 48V phantom power
- Mono channels with 3-band EQ; Stereo with 4-band EQ
- Two auxiliary sends: auxiliary sends AUX1 with PRE/POST switch for change between pre-fader or post-fader. auxiliary sends AUX2 is fixed on pre-fader and monitor DSP effect
- Mute, PFL and signal present LED on all input channels
- Channel with SUB1-2 and MAIN L-R allocation switch
- CD/Tape IN sends to the main output or monitoring output
- Monitoring provides pre-attenuation and post-attenuation, two different control signal routings
- Balanced XLR and TRS output
- Built-in 24 bit digital effects processor, 100 pre-setting, effect mute function and peak LED

Application

- Home entertainment, on-stage performance, Auditoriums, outdoor activities

Specification

Input Channel

- Microphone Input: Electronically Balanced XLR Balanced
- Frequency Response: 20Hz to 50KHz \pm 3dB
- Distortion(THD & N): < 0.005% to +4dBu, 1KHz
- Gain Range: 0dBa50dB MIC
- SNR (Signal to Noise Ratio): < -100dB
- Phantom Power: +48V with switch
- Line Input: Electronically Balanced 1/4" TRS
- Frequency Response: 20Hz to 50KHz \pm 3dB
- Distortion: < 0.005% to +4dBu, 1KHz
- Sensitivity: +15dBu \pm 3dB

Impedances

- Microphone Input: 1.4k Ohm
- All other Inputs: 10k Ohm
- Tape Out: 1k ohm
- All Other Output: 120 Ohm

Equalization

Mono Channel

- High: \pm 15dB@12KHz
- Mid: \pm 15dB Frequency Range 100Hz to 8KHz
- Low: \pm 15dB@80KHz

Stereo Channel

- High: \pm 15dB@12KHz
- High Mid: \pm 15dB@3KHz
- Low Mid: \pm 15dB@500Hz
- Low: \pm 15dB@80KHz

DSP Section

- A/D & D/A Converters: 24 Bit
- DSP Resolution: 24 Bit
- Type of Effects: Vocal, Small Room, Large Hall, Echo, Rotary GTR, Tremolo GTR
- Presets: 100

- Controls: 100 Position PRESET Selector (10 Presets, 10 Variations)
- "Mute" Switch with Indicator Light

Main Mix Section

- Bus Noise: Fader 0dB, Mute -82dB (Ref. +4dB) All input channels, Unity Gain -70dB
- Max. Output: +22dBu Unbalanced, 1/4" Jacks
- Aux Sends Max. Outputs: +22dBu
- Aux Returns Gain Range: $-\infty$ to +15dB

USB Input

- Builds in the USB full speed (12Mbps)
- Supports the USB mass storage class

FAT Analysis

- Supports FAT16 and FAT32 / Support VFAT (long file name)

Mp3 Decode

- Supports Sample Rates 8KHz, 16KHz, 32KHz, 11.025KHz, 22.05KHz, 44.1KHz, 12KHz, 24KHz and 48KHz
- Supports bit rate 8 to 320 and VBR (Variable Bit rate)Except free format

Electrical Specifications

- Frequency Response: 20Hz-20KHz
- Signal/ Noise Ratio: > 90dB
- 1KHz Distortion: < 0.04%

Power Supply

- Main Voltage: 100-240V ~ 50/60Hz
- Fuse: 1.6ALAC250V



MX-620

Features

- A new generation of network karaoke console integrates the functions of mixer console, sound card, effector and amplifiers
- Operated with intuitive controlling panel for convenient debugging
- Built-in imported sound card chip features easy plug and play without drivers
- Built-in DSP effector provides 100 optional effects
- Microphone with 3-band EQ adjustment for changing the frequency response according to different sound ray
- Phantom power supply function can match the condenser recording microphone directly
- Background music automatic fade out / in function meets network host and DJ demand
- Can be connected with different kinds of microphone, such as dynamic microphone, condenser microphone and headset
- Exquisite and fashionable design

Application

- Network karaoke, network host, computer recording, music monitoring, home entertainment

Specification

- Compatible System: Window 98/2000/XP, WIN7, Vista
- Frequency Response: 20Hz-20kHz
- S/N: 110dB (A)
- Input Impedance: 1.5KΩ balanced
- Max. Gain: 50dB
- THD: ≤0.005%
- 3-band EQ: HIGH:12kHz ± 15dB MID: 2.5kHz ± 12.5dB LOW: 80Hz ± 15dB
- USB Sample Rate: 24bit 48kHz sampling
- Headphone Driving Powe: ≤1W
- Rated Power: ≤2.25W
- Power Supply: USB 5V / 500mA



• Guitar Wireless System

WGV-601

Features

- Professional transmission and reception
- Effective operating distance up to 60 meters
- Pure quartz circuit for stable frequency and interference-free reception
- Circuit controlled switching noise elimination
- Adjustable input gain
- LED power indicator for working status and low battery warning

Application

- Guitar amplification

Specification

- Carrier Frequency: 220MHz-270MHz
- Modulation Mode: FM
- Frequency Response: 40Hz-18kHz
- Frequency Steadiness: ± 0.005%
- Transmit Power: ≤10mW
- Max Modulation Degree: ± 20kHz
- Dynamic Range: > 105dB
- Resonance Distortion: < 0.5%
- S/N Ratio: > 80dB
- Audio Output Level: 0-700mV
- Receiver Power Supply: DC 12V/300mA
- Transmitter Power Supply: 2 x 5V AA Battery
- Transmitter Playtime: Approx. 10hrs
- Operating Range: 60m Approx. 60m



WDA-700

Features

- UHF 790MHz-805.750MHz and 806MHz-821.750MHz frequency bands, 64 frequencies per band, totally 128 selectable frequencies
- Adopts patent anti-interference technology, the transmitter can be used free from interference in any classroom which has installed the WDA700 wireless speaker
- The transmit frequency is automatically and synchronously set by the receiver (main speaker) via infrared data transmission
- High quality wooden speaker housing and advanced audio circuitry design features natural and distortion-free sound
- Stereo left and right speakers, maximum output power is up to 30W
- AUX IN socket for convenient connection with signal from campus broadcasting or DVD, etc
- LINE OUT function meets the demands of multimedia teaching
- The transmitter is supplied with high capacity rechargeable lithium ion batteries; the continuous playtime is up to 12 hrs
- Elegant and durable metal alloy housing for transmitter
- Choices of installation: mounting with tripod, hanging on wall, or putting on the table directly

Application

- Multimedia teaching, etc

Specification

- Receiver Sensitivity: -80dBm SN>25dB
- Noise Lock: -91dBm ± 1dBm
- Frequency Range: 790.000MHz - 821.750MHz
- Frequency Band: two bands (790MHz-805.750MHz, 806MHz-821.750MHz)
- Frequency Response: 80Hz-16kHz
- Speaker System: two speakers (stereo)
- Max. Output Power: 30W x 2
- Output Impedance: 4Ω
- Power Adaptor: DC 16V/5A
- Transmit Power: < 10mW
- Transmit Current Consumption: 40-50mA
- Transmit Recharging Current: 350mA
- Distance of Infrared Data Transmission: 6-8m (in straight)
- Audio Modulation: 7-8kHz (Input 15mV)
- Pilot Frequency Modulation: 8-9kHz (Max.)
- Wireless Operating Range: 20-30m (indoors)
- Recharging Period of Transmitter: 3-5 hrs
- Playtime of Transmitter: >12hrs
- Low Power Indication of Transmitter: 3.2V ± 1V



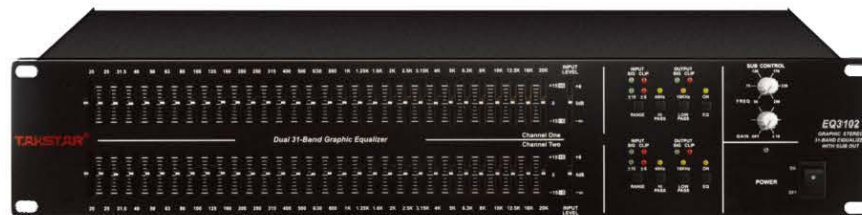
EQ 3102

Features

- Easy to operate the front panel controls
- Constant Q circuitry design with 3% center frequency accuracy
- Selectable control range: $\pm 6\text{dB}$ or $\pm 15\text{dB}$
- Balanced and unbalanced input and output connectors
- Variable input level control
- Signal clipping control
- Ground "LIFT" switch to disconnect signal ground from chassis ground
- Selectable input voltage
- Durable and compact design
- The unit is with subwoofer output

Specification

- Type: 2x31 band: 1/3 octave, ISO spacing (2H)
- Slider Travel: 20mm with positive centre detente
- Range: $\pm 6\text{dB}$ or $\pm 15\text{dB}$, selectable
- Input Connections: Balanced XLR and 1/4" TRS unbalanced RCA
- Input Impedance: 20k Ω (balanced) 15k Ω (unbalanced)
- Maximum Input Level: 14dBu
- Output Connections: Balanced XLR and 1/4" TRS unbalanced RCA
- Subwoofer Out: Balanced XLR (Frequency: 50Hz–250Hz)
- Input Impedance: 20kOhm (balanced) 15kOhm (unbalanced)
- Output Impedance: < 600 Ω
- High Pass Filter: 40Hz (12dB/oct)
- Low Pass Filter: 16kHz(12dB/oct)
- Frequency Response: 20Hz to 50KHz–1.5dBu
- THD: < 0.01% (@1kHz, all VR at middle position)
- S/N Ratio: > 110dB
- Power Supply: 95V–120V AC–60Hz, 220V–240V – 50Hz / 60Hz
- Consumption: 18W
- Dimensions: 483(W) x 220(D) x 88(H) (19" x 8.66" x 3.5")



FE-224N

Features

- 24 programmable filters per channel
- Dual independent channel processing
- Live and fixed filter modes
- Automatic live filter release
- Selectable application of VOLTA proprietary filter variations (Music/Speech)
- 2 x Input channel metering
- 24 LED filter metering per channel
- 2 x XLR and 2 x TRS electronically balanced inputs and outputs
- Selectable operating level switches (+4dBu / –10dBv)
- Rear panel lockout switch

Application

- Conference, live performance, speech, public address

Specification

Analog Inputs

- 2 X female XLR and 2 x 1/4" TRS: Electronically Balanced / Unbalanced, RF filter suppressor
- Input Impedance: 30k ohm Balanced / 15k ohm Unbalanced
- Max. Input Line Level: +20.5dBu

Analog Outputs

- 2 x male XLR and 2 x 1/4" TRS: Electronically Balanced / Unbalanced, RF filter suppressor
- Output Impedance: 100 Ohm Balanced / 50 Ohm Unbalanced
- Max Output Level: +14.5 dBu

A/D Performance

- Dynamic Range: 114 dB, A–weighted
- A/D Conversion: 24 bit

D/A Performance

- Dynamic Range: 100 dB, A–weighted
- D/A Conversion: 24 bit

System Performance

- Sample Rate: 48kHz
- Dynamic Range: 100dB, A–weighted
- THD+N %: 0.01%, 1kHz
- S/N Ratio: 100dB, A–weighted
- Frequency Response: 20 Hz to 20 kHz, +/-0.5 dB
- Inter Channel Crosstalk: 100 dB, A–weighted
- Crosstalk Input to Output: 100 dB, A–weighted
- Operating Voltage: 230 VAC 50/60 Hz 115 VAC 50/60 Hz
- Power Consumption: 15 W

Physical

- Dimension: 483x195x44 mm
- Net Weight: 3.1 kg



TS-AD1

Features

- UHF wide frequency band(450~950MHz)design enable 4 sets of receiver to share the antenna
- Built-in power distribution system supplies power for 4 receivers
- Built-in power supply circuit in the antenna input interface supplies power for the antenna amplifier directly
- Independant protection circuit for each power port assures the normal operation of the other units when one of the receiver has a breakdown
- The main power switch controls the power supply of all devices

Application

- Engineering application, outdoor performance

Specification

- Frequency Range: 450 ~ 950MHz
- Antenna Interface: TNC/50 Ω
- Max. Output Power: -3 dBm
- Total Gain: > 3 dB
- Output Port Separation: > 15 dB
- Antenna Input Port Power: DC 8V/100mA
- Power Input Voltage: 12V/3000mA



TS-AD2

Features

- UHF wide frequency band(450~950MHz)design, built-in signal amplifier
- Built-in attenuation switch, selectable output signal strength
- High front-to-rear ratio antenna effectively suppress the rear interference signal
- Common RF transmission cable for power supply, it saves the cable material and is convenient for use
- Waterproof characteristic for outdoor use

Application

- Engineering application, outdoor performance

Specification

- Frequency Range: 450 ~ 950MHz
- Antenna Gain: > 4 dBi
- Amplifier Gain: 10/6 dB
- Antenna Interface: TNC/50 Ω
- Max. Output Power: +0 dBm
- SWR: < 2.0
- Antenna Power Supply: DC 8V/50mA



HA-618

Features

- Mountable in a 19" Rack Unit
- 6 individual headphone channels
- Input gain control, and individual output gain control
- Up to 3 headphone outputs per channel for a total of 18 headphones
- "Direct In" and "Headphone Output" on the front panel for easy operation when mounted in a rack
- Input and Output Level LED Meter
- Balanced Control to mix up the Main In and the AUX In signal
- Main outputs for connecting with additional unit headphone amplifiers
- High-end quality even at high volume levels
- Exceptionally rugged construction ensures long life and durability
- Universal and professional headphone amplification system for studio and stage application

Application

- Recording, broadcasting, live performance

Specification

MAIN INPUT

- Connector: XLR and 1/4" jack
- Type: HF filter, servo-balanced input
- Impedance: 50 kOhms balanced, 25 kOhms unbalanced
- Max. Input Level: +21 dBu balanced and unbalanced
- CMRR: typ. 40 dB, >55 dB @ 1 KHz

AUX IN & DIRECT IN INPUT

- Connectors: 1/4" TRS (tip=left, ring=right, sleeve=ground)
- Type: Unbalanced
- Impedance: 25 kOhms unbalanced
- Max. Input Level: +21 dBu unbalanced
- CMRR: typ. 40 dB: >55 dB @ 1 KHz

OUTPUT

- Connectors: XLR and 1/4" jack
- Type: Balanced and Unbalanced
- Impedance: Depending on the input impedance
- Max. Output Level: +21 dBu Balanced and Unbalanced

SYSTEM SPECIFICATIONS

- Frequency Response: 10 Hz to 50 KHz, +/-3 dB
- Noise: >90dB, Unweighted, 22 Hz to 22 KHz (>95dB@+4 dBu)
- THD: 0.005% typ.@+4 dBu, 1 KHz, Gain 1

POWER AMPLIFIER

- Max. Output Power: +21 dBm
- Min. Output Impedance: 8 Ohms
- Max. Gain: +20dB

FUNCTION CONTROLS

- Input Level: Variable
- Balanced Per Channel: Mix between aux and main signal
- Output Level Per Channel: Variable

FUNCTION SWITCHES

- Left Mute: Mute left signal of the respective channel
- Right Mute: Mute right signal of the respective channel
- Mode: Switch channel to mono

INDICATORS

- Input Level: 8-digit LED display: -24/-18/-12/-6/0/+6/+12/+18dBu
- Output Level: 4-digit LED display: -24/0/+12/CLIP

POWER SUPPLY

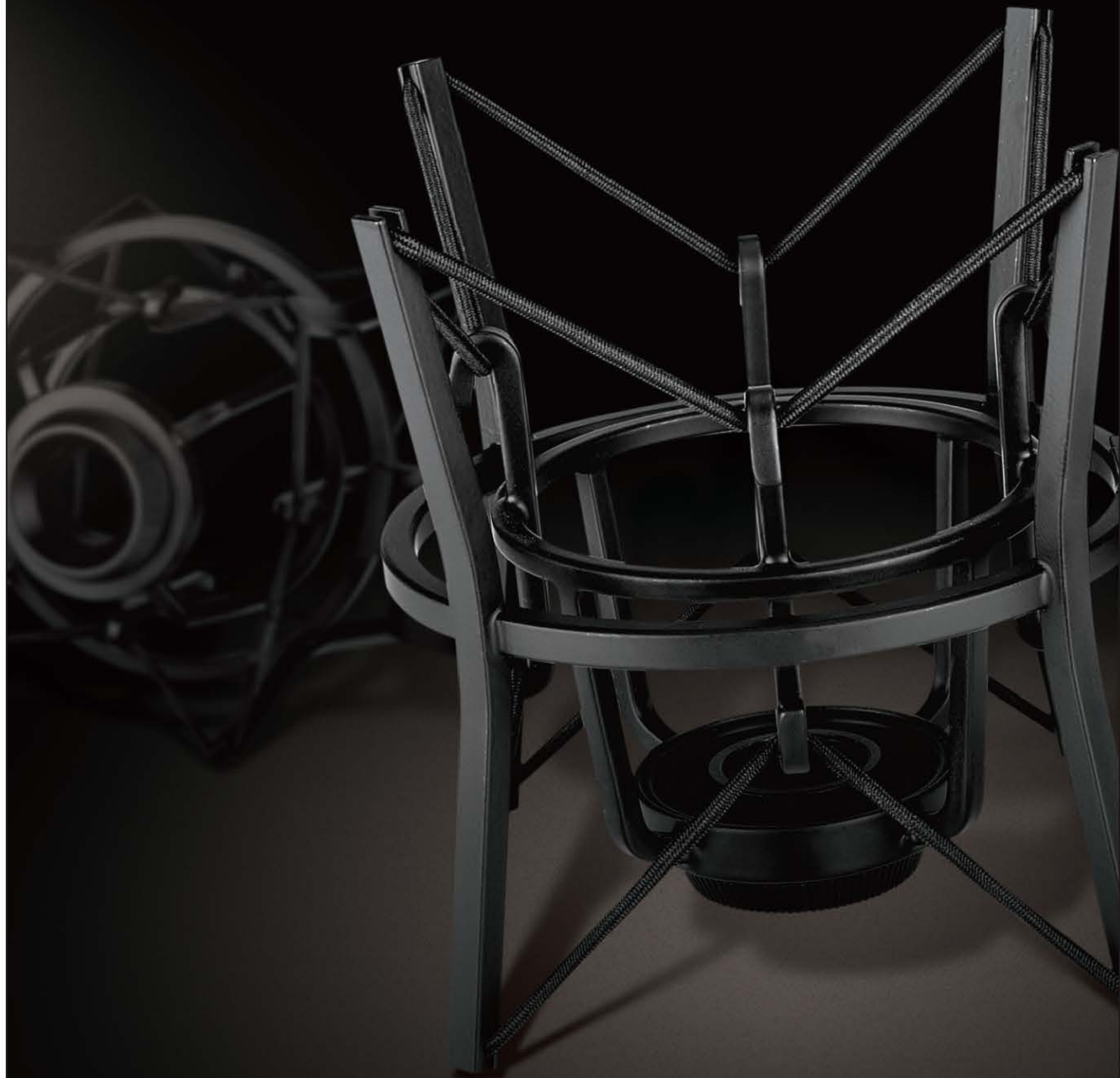
- USA/Canada: 120V~,60Hz
- Mains Voltage: UK/Australia: 240V~,50Hz
Europe: 230V~,50Hz
- Power Consumption: 40W
- Mains Connection: Standard IEC receptacle
- Fuse: 110-120V T500mA/220-240V T315mA

PHYSICAL

- Dimensions(WxDxH): 483 x 217 x 44mm (19" x 8.84" x 1.7")
- Net Weight: 2.9 kg/6.39 lbs



Accessory ▶



• Microphone Base



MS-210

MS-210 is metal base for supporting gooseneck microphone with XLRM connector. It features push on/off mute switch



Optional purchasing microphone

MS-400

Features

- Capsense touching switch design eliminates the mechanical noise of traditional switch
- Low frequency attenuation design for reducing ambient low frequency noise
- On/off LED indicator
- RFI shielding technology features excellent anti-interference capability such as mobile phone signal
- Optional gooseneck microphones with different length(GN-25\GN-33\GN-45\GN-60)
- Gooseneck microphone and base is connected via reliable aero connector

Application

- Conference, broadcasting

Special requirements

- Should be connected with GN-25/GN-33/GN-45/GN-60 gooseneck microphone

Specification

- Low Frequency Attenuation: 60Hz~200Hz 10dB \pm 2dB
- Output Impedence: 100 Ω \pm 20%
- Power Requirement: 12-52V Phantom Power



• Microphone Shock Mount



SH-100

SH-100 is an elastic suspension shock mount for side-address microphones especially those of large size; it features excellent mechanical noise reduction



SH-200

SH-200 is an elastic suspension shock mount for side-address microphones of both medium and small size



SH-400

SH-400 is an elastic suspension shock mount for cylindrical bodied microphones

• Microphone Shock Mount

SH-500

SH-500 is an elastic suspension shock mount for side-address microphones especially those of large size; it features excellent mechanical noise reduction



• Microphone Swivel Mount



H-200

H-200 is a metal swivel mount for side-address microphones



MH-9

Microphone holder for 2pcs, use aluminum alloy metal material with anode oxydation surface finish for professional outlook. Supplied with standard fixing connecting part for different types of microphone

• Microphone Clamp



MH-4

MH-4 is a clamp suitable for holding Takstar wired handheld dynamic microphones



MH-5

Made of highly durable, elastic nylon material Guarantees secure fixation, $\Phi 33-40\text{mm}$, suitable for all wireless handheld mic and some wired hand held mic



MH-6

Made of highly durable material and guarantees secure fixation, $\Phi 25-30\text{mm}$, suitable for wired microphones

• Microphone Clamp



CH-58

CH-58 is a clamp for holding most cylindrical bodied microphones including Takstar instrument condenser microphones



MH-7

Rubber microphone mount, $\Phi 21-26\text{mm}$ and adjustable fixing range



MH-8

Adjustable drum microphone mount



DH-88

DH-88 is a microphone mount especially suitable for drum recording and reinforcement applications, featuring vibration noise absorption

• Microphone Stand

ST-6

Application: Recording, broadcasting

Specification

Cable: $\Phi 6\text{mm} \times 4\text{m}$ balanced and shielded audio output cable (XLR-XLR)

Material of Tripod: Metal

Net weight: 1.6kg

Bearing Weight: $1000\text{g} \geq 1\text{kg}$



• Microphone Tripod



ST-101

ST-101 is a metal folding tripod for microphones



ST-102

ST-102 is a plastic folding tripod for microphones



ST-105

ST-105 is a metal folding tripod for microphones

• Microphone Tripod

ST-1000

ST-1000 is a heavy-duty metal tripod designed for stage and recording applications



• Microphone Pop Screen

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PS-1

PS-1 is a windscreen used for reducing wind noise during close vocal reproduction



PS-2

PS-2 is a windscreen used for reducing wind noise during close vocal reproduction



• Microphone Cable

C6-2

Balanced and shielded audio output cable
Dimensions: Φ 6mm x 6m
Exterior conductor: Φ 0.12mm x 64 copper wire
Inner conductor: Φ 0.12mm x 28 x 2 copper wire
Connector: XLR - XLR



C3-2

Balanced and shielded audio output cable
Dimensions: Φ 6mm x 3m
Exterior conductor: Φ 0.12mm x 62 copper wire
Inner conductor: Φ 0.12mm x 29 x 2 copper wire
Connector: XLR - XLR



C3

Audio output cable (single core)
Dimensions: Φ 5mm x 3m
Exterior conductor: Φ 0.12mm x 32 copper wire
Inner conductor: Φ 0.12mm x 16 copper wire
Connector: Φ 6.35mm nickel-plated plug - XLR-F



C10-1

Balanced and shielded audio output cable
Dimensions: Φ 6mm x 10m
Exterior conductor: Φ 0.12mm x 64 copper wire
Inner conductor: Φ 0.12mm x 28 x 2 copper wire
Connector: Φ 6.35mm spring gold-plated plug - XLR-F



C3-3

Balanced and shielded audio output cable
Dimensions: Φ 3mm x 3m
Exterior conductor: Φ 0.12mm x 44 copper wire
Inner conductor: Φ 0.12mm x 29 x 2 copper wire
Connector: Φ 3.5mm plug - XLR-F



C10-2

Balanced and shielded audio output cable
Dimensions: Φ 6mm x 10m
Exterior conductor: Φ 0.12mm x 64 copper wire
Inner conductor: Φ 0.12mm x 28 x 2 copper wire
Connector: XLR - XLR



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• Microphone Cable

• Note

C2-1

Y type cable, Φ2.2mm diameter
Cable Length: 135mm(includes all connectors)
Connector: 4-pole gold-plated 3.5mm male plug--two
3.5mm stereo female plug(MIC/Headphone)



• Power Supply

PM-5

Features

- Stable voltage double rectifying circuit for eliminating interference of AC signal effectively
- Two balanced power inputs/outputs assure stable voltage and effective common mode interference rejection
- Noiseless On/Off switch
- External power adaptor avoids electromagnetic interference
- Built-in lowpass filter eliminates unwanted noise from external audio equipment



Application

- 48V phantom power supply for a single condenser microphone

TPM-1

Features

- Stable multi-voltage rectified filtering circuit effectively eliminates AC signal interference
- Two balanced power inputs/outputs assure stable voltage and effective common mode interference rejection
- Noiseless On/Off switch
- External power adaptor avoids electromagnetic interference
- Built-in low pass filter eliminates unwanted noise from external audio equipment

Application

- Recording, chat room and broadcasting

Specification

- Phantom Power Supply: +48V
- Input Power: AC 18V 300mA
- Output Voltage: DC 48V
- Power Consumption: ≤5W
- Noise: ≤1.8uV
- Input Connector: Standard Cannon XLR, balanced input
- Output Connector: Standard Cannon XLR, balanced output
- Dimension: 90.3 × 98 × 41.8mm (L × W × H)
- Net Weight: 430g

