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## SPECIFICATION CHART

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HD661 Professional Monitoring Headphones

P R O F E S S I O N A L



## HD631

DJ Headphones

Recording / Monitoring

HD631 is a high sound quality headphone developed specially for professional DJs, designed to clearly emphasize the beat of the music as well as capturing its more subtle nuances. With its 51 mm (2") extra-large diaphragms and high-energy Neodymium magnets, HD631 presents an excellent, balanced sound profile while giving an extra punch to the low end frequencies.

- Powerful bass and clear mid-to-high sound ranges capture subtle nuances of the music
- 51mm (2") large diaphragm offers high efficiency and wide dynamic range
- Patented auto-adjustable headband construction offers a truly comfortable
- Rotating ear pad construction for convenient single-ear monitoring
- Detachable 3m coiled cable, included cable clip secures the detachable cable from pulling out by accident

**Type:** circumaural, closed-back

**Driver:** 51mm, Neodymium

**Sensitivity:** 101dB SPL (1mW)

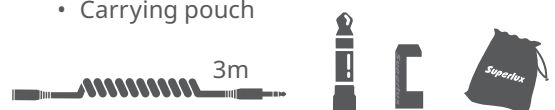
**Frequency Response:** 20-20,000Hz

**Impedance:** 40  $\Omega$

**Max Input power:** 3000 mW

### Accessories included

- 3m coiled cable
- 1/4" gold-plated stereo adapter
- Cable clip
- Carrying pouch





NEW

## HD665

Studio Headphones for Drummer and Bass Player  
Recording / Monitoring

With HD665's well-defined bass reproduction and clear mid-high sound profile, these professional studio monitoring headphones are perfect for drummers and bass players. They provide great isolation and drastically reduce levels of external sound reaching a musician's ears, offering valuable protection from potential damage. HD665 is great for recording and live situations or playing along with recorded music.

- Large, high-performance 40mm (1.6") drivers provide high sound pressure level and convincing sound
- Advanced closed-back design ensures high noise reduction
- Auto-adjustable headband and circumaural design for comfort during long work sessions

**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

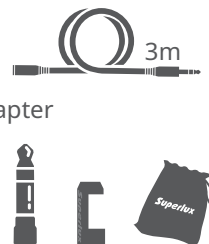
**Sensitivity:** 102dB SPL (1mW)

**Frequency Response:** 10-20,000Hz

**Impedance:** 68  $\Omega$

### Accessories included

- 3m straight cable
- ¼" gold-plated stereo adapter
- Cable clip
- Carrying pouch





NEW

## HD562

All-Purpose Headphones

Recording / Monitoring / Music / Entertainment

Featuring a tailored sound profile with extended frequency response and higher sound pressure level, the HD562 is an all-purpose headphone capable of revealing every detail of the sound. Its light-weight and soft cushioning makes the HD562 comfortable even in a long session. Its excellent isolation also makes the HD562 perform well in high noise environments while a rotatable ear cup allows for single-ear monitoring. People will find the HD562 is the right choice in headphones, perfect for music/entertainment, ENG, live or studio use and also ideal for cameramen and DJs.

- Comfortable fit due to its light-weight, split headband and soft ear pads
- Excellent noise isolation achieved by its closed design
- Swiveling ear cup for single-ear monitoring
- Detachable cable



**Type:** supra-aural, closed-back

**Driver:** 39mm, Neodymium

**Sensitivity:** 101dB SPL (1mW)

**Frequency Response:** 10-22,000Hz

**Impedance:** 70  $\Omega$

🔴🔵 Red, Black, White

### Accessories included

- Velvet ear pads
- 1/4" gold-plated stereo adapter
- Carrying pouch



Specifications and furnished accessories are subject to change without notice.



## HD661

### Professional Monitoring Headphones

Recording / Monitoring

The HD661 is a closed-back, circumaural headphone which is excellent for live sound monitoring application because of its excellent soundstage. It's also suitable for studio and broadcast.

The balanced, high definition and clear sound of the HD661 assures that a professional sound engineer can have full confidence when recording or monitoring. Its patented sturdy headband structure provides long-lasting durability even in challenging conditions, yet its light weight and optimized mechanical pressure provides long-term wearing comfort.

- Exceptional design of depth of sound field and excellent for live sound monitoring application
- High noise attenuation
- Ø40mm high resolution drivers
- Patented self-adjusting headband for great fit and maximum comfort
- Rotating ear pad construction for convenient single-ear monitoring

**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

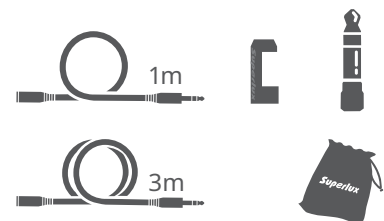
**Sensitivity:** 102dB SPL (1mW)

**Frequency Response:** 10-20,000Hz

**Impedance:** 68 Ω

#### Accessories included

- 1m and 3m straight cable
- ¼" gold-plated stereo adapter
- Cable clip
- Carrying pouch





## HD681 EVO

Professional Monitoring Headphones

Recording / Monitoring

The best-selling model HD681 is a high quality headphone with rich bass, crystal clear high resolution and accurate sound field positioning. Now the new HD681 EVO upgraded version has a completely new, more slender shape and an improved smoother, more neutral, treble tone. The HD681 EVO easily meets the requirements of stage and studio professionals for a high-quality sound in monitoring headphones.



**Type:** circumaural, semi-open

**Driver:** 50mm, Neodymium

**Sensitivity:** 98dB SPL (1mW)

**Frequency Response:** 10–30,000Hz

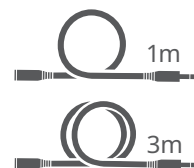
**Impedance:** 32 Ω

🔥 Black, White

- New styling and more slender design, plus an improved smoother, more neutral, treble tone
- 50 mm large-diaphragm speaker unit to reproduce accurate sound and large dynamic
- Aural design provides natural sound, able to maintain a comfortable feel during prolonged use
- Self-adjusting headband provides the best fit
- Detachable, single side cable

### Accessories included

- 1m and 3m straight cable
- ¼" gold-plated stereo adapter
- Velvet earpad
- Cable clip
- Carrying pouch



## HD669

### Professional Studio Standard Monitoring Headphones

The HD669 is a closed-back, circumaural headphones designed for professional monitoring applications. Although suitable for a very wide range of applications, the exceptional attenuation of external noise makes the HD669 particularly useful for use in a high noise environment. The balanced, high definition and clarity that a professional sound engineer can have full confidence when recording or monitoring.

- High resolution drivers
- Precision tuned acoustic chamber
- Patented durable structure
- Comfortable, self-adjusting headband pads
- Detachable, single side cable

**Type:** circumaural, closed-back

**Driver:** 50mm, Neodymium

**Sensitivity:** 98dB SPL (1mW)

**Frequency Response:** 10–30,000Hz

**Impedance:** 56 Ω

#### Accessories included

- 1m and 3m straight cable
- ¼" gold-plated stereo adapter
- Cable clip
- Carrying pouch







## HD668B

### Professional Studio Standard Monitoring Headphones

The HD668B is a semi-open dynamic headphone whose sound quality meets the demands of even professional recording studios. The balanced and high definition sound of the HD668B assures that a professional sound engineer can have full confidence when mixing down or during post production. Its patented sturdy headband structure provides long-lasting durability even in challenging conditions, yet its light weight and optimized mechanical pressure provides long-term wearing comfort.

- High resolution drivers
- Precision tuned acoustic chamber
- Patented durable structure
- Comfortable, self-adjusting headband pads
- Detachable, single side cable

**Type:** circumaural, semi-open

**Driver:** 50mm, Neodymium

**Sensitivity:** 98dB SPL (1mW)

**Frequency Response:** 10–30,000Hz

**Impedance:** 56 Ω

#### Accessories included

- 1m and 3m straight cable
- ¼" gold-plated stereo adapter
- Cable clip
- Carrying pouch





# HD662 Series

Professional Monitoring Headphones  
Studio / Onstage

The HD662 series offer three distinctive sound profile, each with its own character. These three headphones also deliver clarity, accurate and well balance sound. The ergonomically designed vinyl ear pieces combined with light weight and self-adjusting headband of these headphones make them very comfortable. Whether you are monitoring, tracking, mixing or just listening to your MP3 music, you can expect comfort and sonic accuracy from HD662 series headphones.

- High noise attenuation
- Self-adjusting headband for great fit and maximum comfort
- Single sided, straight cable



**Type:** circumaural, closed-back  
**Driver:** 50mm, Neodymium  
**Sensitivity:** 98dB SPL (1mW)  
**Frequency Response:** 10-30,000Hz  
**Impedance:** 32 Ω

### Accessories included

- Threaded ¼" gold-plated stereo adapter
- Carrying pouch



**HD662**  
 Deep and rich bass response "On stage" sound feel. Both HD662 and DT770 have a similar curve. HD662 delivers deep bass, natural and well-balanced sound.



**HD662F**  
 True bass response "Front row" sound feel. Both HD662F and SRH-440 have a similar curve. HD662F delivers true bass response, crystal clarity and precise sound characters.



**HD662B**  
 Powerful bass punch "In hall" sound feel. Both HD662B and SRH840 have a similar curve. HD662B delivers precisely tailored frequency response with powerful bass punch, clear midrange and extended highs.

# HD681 Series

Professional Monitoring Headphones  
Studio / Onstage

The HD681 series headphones offers 3 distinctive sound profiles, each with its own character. These three headphones also deliver excellent balance and clarity. The ergonomically-designed vinyl ear pieces combined with the light weight and self-adjusting headband of these headphones make them very comfortable. Whether you're monitoring, tracking, mixing, or just listening to an MP3 or other audio source, you can expect comfort and sonic accuracy from your HD681 series headphones.

- Accurate and detailed sound greatly enhances your listening experience
- Self-adjusting headband for great fit and maximum comfort
- Single sided, straight cable



**Type:** circumaural, semi-open  
**Driver:** 50mm, Neodymium  
**Sensitivity:** 98dB SPL (1mW)  
**Frequency Response:** 10-30,000Hz  
**Impedance:** 32 Ω

### Accessories included

- Threaded ¼" gold-plated stereo adapter
- Carrying pouch



### HD681

Deep low frequency **"On stage"** sound, perfect for enjoying the beauty of classical music & other large ensembles. Both the HD681 & HP890 have a similar curve, presenting a bright and clear sound. When playing classical music, the HD681 will surprise you with its breadth, clarity and dynamic presence.



### HD681F

Flat extended frequency response **"Front row"** sound image, great for pop music and capturing that sweet vocal sound. Both the HD681F & AD500 have a similar curve. The HD681F delivers a sweet sound just as if the singer was standing right in front of you.



### HD681B

Balanced character and powerful bass **"In hall"** feel, great for enjoying rock music and similar exciting performance. Both the HD681B & K240 Studio have a similar curve. The HD681B optimizes a powerful bass and balanced tone, and it will be rhythm from your headphones.





## HD330

Audiophile Headphones

Monitoring / Music / Entertainment

The HD330 is a semi-open dynamic audiophile headphone suitable for most kinds of music. The accurate sound profile and comfortable headband make the HD330 the perfect headphone for both the music enthusiast and the professional recording engineer. With a carefully tailored frequency response and enhanced bass, the HD330 offers a bass punch and excellent clarity of sound with a natural and balanced character. Soft earpads and adjustable, sliding earpieces, together with a single-sided connecting cable, ensure listening comfort during long term use.

- Enhanced bass
- Natural and well-balanced sound profile
- Ultra-detailed high and mid-range reproduction
- Durable headband construction with optimized pressure
- Single sided cable

**Type:** circumaural, semi-open

**Driver:** 40mm, Neodymium

**Sensitivity:** 96dB SPL (1mW)

**Frequency Response:** 10-30,000Hz

**Impedance:** 150 Ω

### Accessories included

- Threaded ¼" gold-plated stereo adapter
- Carrying case



## HD660

Professional Monitoring Headphones

Studio

The HD660 is a closed-back dynamic headphone for the most demanding professionals. The accurate sound profile and comfortable headband make the HD660 the perfect monitoring headphone for recording studios, post production or broadcasting applications. With a carefully tailored frequency response, the HD660 offers an excellent clarity of sound with a natural and balanced character. Soft earpads and adjustable, sliding earpieces, together with a single-sided connecting cable, ensure listening comfort during long term use.

- Natural and well-balanced sound profile
- Ultra-detailed high and mid-range reproduction
- Durable headband construction with optimized pressure
- Single sided cable

**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

**Sensitivity:** 96dB SPL (1mW)

**Frequency Response:** 10-30,000Hz

**Impedance:** 150 Ω

### Accessories included

- Threaded ¼" gold-plated stereo adapter
- Carrying case





## HD572

### Monitoring Headphones

Recording / Monitoring

The HD572 is supra-aural close-back headphones, which offer better isolation from ambient noise and feature high sound pressure level capability and exceptional comfortable fit. The HD572 features a powerful bass punch, expressly designed to convey the power of drums, while the enhanced mid and high frequencies give high resolution and detail, working well even in noisy environments.

The folding swing-arms allow for one-sided monitoring and will fold into a small package that takes almost no space in your bag. All these features plus a wide, comfortable, molded and detented adjustable headband, make these headphones ideal for studio and DJ use. The ruggedly constructed HD572's comfort level is as impressive as its powerful low end and accurate sonic imaging.

- 
- Folding swing-arms allow for one-sided monitoring
  - Wide, comfortable headband
  - Detented adjustable headband
  - High SPL capability
- 

**Type:** supra-aural, closed-back

**Driver:** 30mm, Neodymium

**Sensitivity:** 99dB SPL (1mW)

**Frequency Response:** 20–20,000Hz

**Impedance:** 24Ω

#### Accessories included

- ¼" gold-plated stereo adapter
- Carrying pouch





P E R S O N A L





NEW

## HD685

High-Definition Stereo Headphones

Music / Entertainment / smartphones

Designed to reproduce a tight bass while also featuring a sweet and clear mid-high sound profile, the HD685 is a pleasant partner for enjoying your music on the move, whether walking or sitting in a coffee shop. Its foldable structure allows for easy storage, saving your space, and the extra headphone cable includes an in-line control with microphone to allow you to easily pick up an incoming call. The HD685 is the perfect companion to enjoy your favorite music wherever you go.



Extra headphone cable with in-line control and mic for iDevice



Foldable Design for easy storage

- Reveals details and powerful bass for today's music
- Soft ear pads and headband provide comfortable fit

**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

**Sensitivity:** 102dB SPL (1mW)

**Frequency Response:** 10–20,000Hz

**Impedance:** 68 Ω

### Accessories included

- 1.2m straight cable
- 1.2m remote & mic cable
- Cable clip
- Carrying pouch







# HD661

Music / Entertainment Headphones



The HD661 is a closed-back, circumaural headphone which is excellent for professionals and music lovers because of its sound profile of depth of soundstage. Although suitable for a very wide range of applications, the exceptional attenuation of external noise of the HD 661 makes it particularly useful for use in a high noise environment.

The balanced, high definition and clear sound of the HD661 assures that you can hear every detail from your music.

- Outstanding soundstage reveals all the details
- High noise attenuation
- Ø40 mm high resolution drivers
- Patented self-adjusting headband for great fit and maximum comfort
- Rotating ear pad construction for convenient single-ear monitoring



**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

**Sensitivity:** 102dB SPL (1mW)

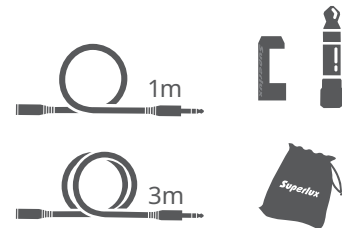
**Frequency Response:** 10–20,000Hz

**Impedance:** 68 Ω

• Black, Grey, White, Blue, Green, Purple, Red, Hot Pink, Baby Pink, Orange

### Accessories included

- 1m and 3m straight cable
- ¼" gold-plated stereo adapter
- Cable clip
- Carrying pouch





## HD440

### Booming Bass Headphones

Entertainment / Computer Gaming

The HD440 features a booming bass and crystal-clear high frequency. It's great for most kinds of music and exceptional for computer gaming. The included self-adjusting headband and optimized headband pressure offer a truly comfortable fit for long-term use.

- 
- Self-adjusting headband for optimum fit
  - High noise attenuation for optimum ambient-noise control
  - Single side cable
- 

**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

**Sensitivity:** 96dB SPL (1mW)

**Frequency Response:** 20-20,000Hz

**Impedance:** 150  $\Omega$

#### Accessories included

- Threaded ¼" gold-plated stereo adapter
- Carrying pouch





## HD651

Stereo Headphones

Music / Entertainment

HD651 presents accurate and rich bass, and excellent vocal sound, perfect for a music lover and artist. Powerful 40-mm (1.6-in.) speakers provide a superbly natural, uncolored sound.

When you are monitoring or just listening to an mp3, you can expect comfort and sonic accuracy from your HD651 headphones. HD651 comes multicolor options and allow you to pick up one of your favorite color following your feel.

- 
- Accurate and rich bass, and excellent vocal sound
  - 40 mm speaker driver
  - High-energy neodymium magnet
  - Patented self-adjusting soft rubber headpad construction
- 

**Type:** circumaural, closed-back

**Driver:** 40mm, Neodymium

**Sensitivity:** 98dB SPL (1mW)

**Frequency Response:** 20-20,000Hz

**Impedance:** 32  $\Omega$

• Black, Grey, White, Navy Blue, Green,  
Purple, Red, Yellow, Baby Pink, Hot Pink

### Accessories included

- Carrying pouch





## HD572A

### Lightweight Collapsible Headphones

Music / Entertainment

The HD572A is a supra-aural open headphone with flat ear pads, offering extremely comfortable wearing. A white body along with 5 color ear pads included makes the HD572A a perfect headphone to suit your own on-the-go style. Its solid powerful bass and bright midhigh frequency band makes it perfect for pop and rock music, outperforming regular mini headphones.

- Solid powerful bass and bright mid-high frequency band
- Foldable style for easy transport
- Light weight and comfortable for music-on-the-move
- All-purpose headphones for serious listening with home entertainment systems , portable players and multimedia devices

**Type:** supra-aural, open

**Driver:** 30mm, Neodymium

**Sensitivity:** 102dB SPL (1mW)

**Frequency Response:** 20-20,000Hz

**Impedance:** 24  $\Omega$

#### Accessories included

- Carrying pouch
- 4 pair Earpads









## HD385

In-Ear Headphones

## HD385i

Headphones with in-line control and mic for smartphones

Both the HD385 and HD385i, featuring metallic color, deliver a crystal-clear and balanced sound profile that presents the detailed character and richness of each instrument. Great for most kinds of music, they are ideal for capturing those sweet vocal sounds. Each of them has a comfortable, personalized fit with superior noise isolation to ensure your complete enjoyment of the music. The HD385i is a headset with HD385 headphones plus microphone and smart remote control, designed for iDevice and smartphones.

- Powerful neodymium magnet for superior sound
- 13.5 mm driver for wide and flat frequency response and studio quality sound
- Three sizes of ear adapters for a truly comfortable fit
- Convenient soft carrying pouch is included

### HD385i smart in-line remote control

- Adjust the volume by pressing the + and - buttons
- Control music and video playback — including play/pause and next/previous — by pressing the center button
- Answer and end calls
- HD385i comes with VoiceOver support on enabled iDevices



**Type:** In-ear

**Driver:** 13.5 mm, Neodymium

**Sensitivity:** 103dB SPL (1mW)

**Frequency Response:** 20-20,000Hz

**Impedance:** 16  $\Omega$

### Accessories included

- Carrying pouch
- Ear adapters, large, medium, small



## HD386

In-Ear Headphones



The HD386 headphone features a crystal-clear and balanced sound profile that presents the detailed character and richness of each instrument. Great for most kinds of music, the HD386 is ideal for capturing those sweet vocal sounds. As for the sound image presented by the HD386, it gives you the feeling of actually being there, as if you were sitting on the front row in a concert hall.

The HD386 has a comfortable, personalized fit with superior noise isolation to ensure your complete enjoyment of the music. Six color options are available to allow you to pick up one in your favorite color and a sturdy carrying case is included for safely storing your HD386.

- Powerful neodymium magnet for superior sound
- 13.5mm driver for wide and flat frequency response and studio quality sound
- Three sizes of ear adapters for a truly comfortable fit



**Type:** In-ear

**Driver:** 13.5 mm, Neodymium

**Sensitivity:** 103dB SPL (1mW)

**Frequency Response:** 20-20,000Hz

**Impedance:** 16 Ω

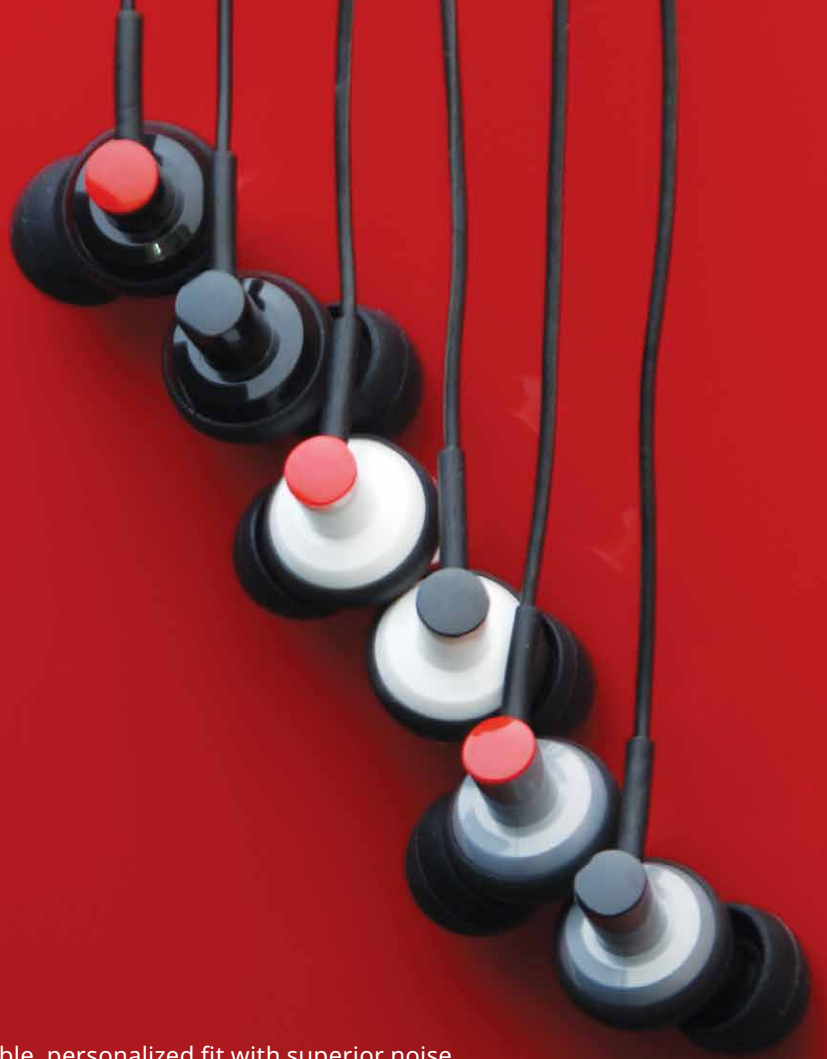
🔴🟡 Black, Red, White, Green, Baby Pink, Hot Pink

### Accessories included

- Carrying case
- Ear adapters, large, medium, small







# HD381 Series

In-Ear Headphones

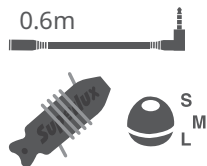
The HD381 series headphones feature a comfortable, personalized fit with superior noise isolation and offer 3 distinctive sound profiles, each with its own character. The patented multi-functional cable wrapper / clip wraps the earphone cable neatly or can be clipped on clothes or necktie for added convenience. The HD381 series' high quality reproduction of the natural sound is ideally suited for personal entertainment and the HD381B also can be used for professional in-ear monitoring.

- Comfortable and personalized fit
- Natural, balanced sound
- High efficiency and wide dynamic range
- Patented dual function cable wrapper / clip included

**Type:** In-ear  
**Driver:** 13.5mm, Neodymium  
**Sensitivity:** 103dB SPL (1mW)  
**Frequency Response:** 20-20,000Hz  
**Impedance:** 16 Ω  
**Cable:** 0.6m

**Accessories included**

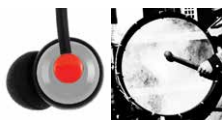
- 0.6m (2 ft.) extension cable
- Cable wrapper
- Ear adapters, large, medium, small



**HD381**  
 Rich bass and powerful low end, **"On stage"** sound, perfect for enjoying that booming bass sound. Both the HD381 & CX400 have a similar curve, presenting a pronounced bass presence. The HD381 will surprise you with its powerful low end performance.



**HD381F**  
 Flat frequency response, **"Front row"** sound image, great for most kinds of music and capturing those sweet vocal sounds. Both the HD381F & MDREX90LP have a similar curve. The HD381F features a flat response, suitable for most kinds of music, and delivers a sweet vocal sound, as if the singer was standing right in front of you.



**HD381B**  
 Crystal clear sound, deep and tight bass, **"In hall"** feel, great for professional in-ear monitoring applications. Both the HD381B & MA850G/A have a similar curve. The HD381B reproduces sound with a crystal clarity and a deep and tight bass. It's the best choice for personal entertainment as well as professional in-ear monitoring.

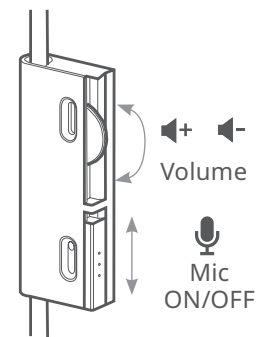
# HEADSETS



## HMC631 Professional-Grade PC Gaming Headset

The HMC631 delivers high-quality sound, rugged construction and superior comfort in stylish design. 51-mm premium speakers bring an extra level of realism and excitement to video gaming, giving every detail in the game so you can react quickly to sound cues. The HMC631 features a boom microphone that offers highly intelligible voice reproduction and filters out most background noise. This headset lets you enjoy the comfort, quality and competitive edge of a professional-grade gaming headset wherever you go.

- Powerful bass and clear mid-to-high sound ranges reproduce every detail in the game
- 51mm (2") large diaphragm offers high efficiency and wide dynamic range
- Patented auto-adjustable headband construction offers a truly comfortable fit
- Unidirectional boom microphone
- Passive noise reduction
- In-line volume control and microphone on/off switch



**Type:** Circumaural, closed-back  
**Driver:** 51 mm, Neodymium  
**Sensitivity:** 102dB SPL (1mW)  
**Frequency Response:** 20-20,000Hz  
**Impedance:** 40  $\Omega$   
**Connector:** stereo mini plug  
🔴🟡 Grey, Red, White



**Frequency Response:** 80-15,000Hz  
**Pick-up pattern:** unidirectional  
**Impedance:** 2.2k  $\Omega$   
**Sensitivity:** -40 dBV/Pa (10 mV)  
**Connector:** stereo mini plug



**NEW**  
**HMC681 EVO**  
Gaming Headset for PC

If you are looking for a gaming headset for your long gaming sessions with a comfortable fit and exciting sound experience, the HMC681 EVO is the one which professional gamers will love. HMC681 EVO will let you experience you are in the game.

- 50 mm speaker units deliver pure sound from games, movies and voice chat
- Unidirectional boom microphone to minimize ambient noise
- Powerful bass and clear mid-to-high sound ranges reproduce every detail in the game
- Circumaural ear pads with a self-adjusting structure ensure perfect fit to the user



**Type:**  
Circumaural, semi-open

**Driver:**  
50 mm, Neodymium

**Sensitivity:**  
98dB SPL (1mW)

**Frequency Response:**  
10-30,000Hz

**Impedance:**  
32 Ω

**Connector:**  
stereo mini plug



**Frequency Response:**  
80-15,000Hz

**Pick-up pattern:**  
unidirectional

**Impedance:**  
2.2k Ω

**Sensitivity:**  
-45 dBV/Pa (5.6 mV)

**Connector:**  
stereo mini plug



**NEW**  
**HMD685**  
**HMD685a**  
Broadcast Headset

HMD685 and HMD685a are professional intercom headsets with flexible anti-vibration gooseneck boom microphone. They apply to requirements of demanding broadcast applications for studio or outside productions. The headset is lightweight, provides extra soft ear cushions and headband padding for outstanding wearing comfort even during long production days.

- Lightweight with extra soft cushions for comfort fit
- Accurate and linear sound reproduction for professional Radio and TV applications
- Microphone provides audio transmission in broadcast quality
- Folding design for easy storage
- Model variations, *please refer to page 38*



**Type:**  
Circumaural, closed-back

**Driver:**  
40 mm, Neodymium

**Sensitivity:**  
90 dB SPL (1mW)

**Frequency Response:**  
20-20,000Hz

**Impedance:**  
400 Ω



**Frequency Response:**  
50-15,000Hz

**Polar Pattern:**  
Cardioid

**Impedance:**  
200 Ω

**Sensitivity:**  
-64 dBV/Pa (0.6 mV)



## HMC660

Professional Headset with Incorporated Condenser Mic  
Studio / Broadcast

The HMC660 stereo headsets are designed for the professionals that demand high quality monitoring and communication. Their precision acoustic design, integrating drivers, ear padding, and headband, combined with a professional condenser microphone for a balanced tone with high dynamic range make these headsets perfect for both listening and talking. They are ideal for live broadcasts, DJ's, desktop video conferences, on-line gaming and multimedia applications.

- Excellent details and clear midrange and extended highs
- Professional headset derived from the HD660 studio headphone
- Integrated professional condenser microphone PRA30 with supercardioid polar pattern gives high gain before feedback
- Model variations, *please refer to page 39*



**Type:**

Circumaural, closed-back

**Sensitivity:**

96dB SPL (1mW)

**Frequency Response:**

10-30,000Hz

**Impedance:**

150 Ω



**Frequency Response:**

50-15,000Hz

**Polar Pattern:**

Supercardioid

**Impedance:**

200 Ω

**Sensitivity:**

-46 dBV/Pa (5 mV)



## HMD660

Professional Headset with Incorporated Dynamic Mic  
Studio / Broadcast

The HMD660 stereo headset are designed for the professionals that demand high quality monitoring and communication. Their precision acoustic design integrating drivers, ear padding, and headband combined with a professional dynamic microphone for a balanced tone with high dynamic range make these headsets perfect for both listening and talking. They are ideal for live broadcasts, DJ's, desktop video conferences, online gaming and multimedia applications.

- Excellent details and clear midrange and extended highs
- Professional headset derived from the HD660 studio headphone
- Integrated professional dynamic microphone PRA20 with cardioid polar pattern gives high gain before feedback.
- Model variations, *please refer to page 39*



**Type:**

Circumaural, closed-back

**Sensitivity:**

96 dB SPL (1mW)

**Frequency Response:**

10-30,000Hz

**Impedance:**

150 Ω



**Frequency Response:**

150-15,000Hz

**Polar Pattern:**

Cardioid

**Impedance:**

200 Ω

**Sensitivity:**

-64 dBV/Pa (0.6 mV)

RELATED ITEMS



HD681EVO & HA3D

NEW

## IS-103

Intercom Set

Studio / Broadcast



The Intercom Set IS-103 is a complete one-channel wired intercom system that serves the production communication needs of video and film, broadcast sporting events, cable access television, houses of worship, and educational institutions. And the system connections are made via standard 3-pin XLR cables.

- Supports up to 4 wired users with BP101
- Light and sound alert
- Excellent intelligibility and sound quality

**System includes:**

- |                       |                                      |
|-----------------------|--------------------------------------|
| 1x main station CS101 | 3x headsets HMD685a                  |
| 2x belt-pack BP101    | 1x rack mounting kit RK101 for CS101 |
| 1x power supply PS101 |                                      |

### CS101 Compact Station with Speaker Function

The speaker station CS101 provides all necessary and important intercom functions and connectors in a compact housing of just 1 U high. The built-in speaker can be switched off to operate it as a main station. An extra line out for connecting to external active speaker.

### HMD685a Single Ear Intercom Headset

The HMD685a is a professional intercom headset with a flexible anti-vibration gooseneck boom microphone. It applies to requirements of demanding broadcast applications for studio or outside productions. ( Please refer to page 27, 38)

### BP101 Belt Pack

The belt pack BP101 is a portable 1-channel intercom station and can be connected with CS101 compact station through the power supply PS101. The integrated belt clip allows for easy fixing the unit to clothes. On the rear of the unit all XLR connectors are easily accessible. The side tone is adjustable. The BP101 features light and sound alarm. The sound alarm is switchable.

#### CS101 & BP101 main station and belt-pack

**Frequency response:** 20 Hz to 20 kHz

**Signal to noise ratio:** ≥85dB

**Connectors:** 3 and 4 pin XLR

**Case:** steel with black finish

**Dimensions**

CS101: 201.5 x 105.5 x 44 mm

BP101: 122 x 85 x 50 mm

**Net Weight**

CS101: 1100 g

BP101: 330 g

**Output voltage :-** -64 dBV/Pa (0.6 mV/Pa) at 1 kHz

**Impedance:** 200 Ω

Note: specifications are subject to change without notice.

### PS101 External Power Supply

The power supply PS101 allows operation of up to 4 intercom belt packs BP101. It also can power up compact station CS101 loudspeaker station.

## HA3D

### Portable Headphone Amplifier

Field Recording & Studio



Superlux HA3D is a portable, stereo headphone amplifier designed for demanding and critical audio monitoring. This audiophile-quality headphone amp is ideal for adding headphone feeds for portable, studio, and audio enthusiast applications.

With its extended bandwidth and high current/voltage drive capability the HA3D can drive headphones of various impedances to high levels with very low distortion, important for monitoring in high SPL environments.

- 3 independent headphone outputs with individual volume controls
- High power driving capability, drives headphones to high levels with very low distortion
- Master Stereo / Mono switch
- Powered by 2 AA alkaline batteries or adapter with 5-17V DC output
- Sturdy Aluminum alloy structure

**Frequency Response:** 10 Hz-50 kHz,  $\pm 1.0$  dB, any input to any output, gain control set to 50%

**Voltage Gain:** (Gain, Loop Out, Headphone output) Bal. Line, -3 dB, 34 dB; HP Input, -1 dB, 35 dB

**Output Clipping Level:** +18dBu minimum with 600  $\Omega$  load / +16 dBu minimum with 300  $\Omega$  load

**Headphone Output Impedance:** 200  $\Omega$

**Input Clipping Level:** XLR3F: +24 dBu

**Dynamic Range:**  $\geq 120$  dB (Balanced line inputs)

**THD + Noise:** 0.03% maximum

**Inputs:** XLR3F electronically balanced, 22k  $\Omega$  impedance /  $\frac{1}{4}$ " unbalanced, 9.1 k $\Omega$  impedance /  $\frac{1}{8}$ " unbalanced, 9.1k  $\Omega$  impedance

**Loop Output:** Unbalanced 200  $\Omega$  output Impedance

**Power Internal:** 2 AA alkaline batteries, 12 hour life typical driving one 75  $\Omega$  head set; external 5-17 VDC via coaxial connector, (5.5 mm outer diameter, 2.1 mm inner diameter)

**Operating Temperature Range:** 0°-70°C (32°-160°F)

**Dimensions (H x W x D):** 43 x 94 x 140 mm (1.69" x 3.7" x 5.51")

**Net Weight:** (unit only) 0.56 kg, 1.24 lbs

**Accessories Furnished:** 1m length, tip-ring-sleeve interconnection cable, one end is  $\frac{1}{8}$ " (3.5 mm), the other end is  $\frac{1}{4}$ " (6.3 mm), rubber feet(4 pcs)

NEW

## HA40

**Professional 4-ch Headphone Amplifier**

Studio &amp; Stage



Superlux HA40 is a high-grade, stereo headphone amplifier designed for demanding and critical audio monitoring. This audiophile-quality headphone amp is ideal for adding headphone feeds for studio and audio enthusiast applications. The HA40 provides 4 independent headphone outputs. Each headphone output is controlled by the associated level control and 1/8-inch output connector. With its extended bandwidth and high current/voltage drive capability the HA40 can drive headphones of various impedances to high levels with very low distortion, important for monitoring in high SPL environments.

- 4 independent headphone outputs with individual volume controls
- High power driving capability, drives headphones to high levels with very low distortion
- Extended frequency response offers outstanding audio performance
- DC 12V adapter included
- Stackable structure

**Frequency response:** 10 Hz-50 Hz  $\pm 1.0$  dB**Voltage gain:** 34 dB (unbalanced)**Output clipping level:** +18 dB**Output impedance:** 200  $\Omega$ **Input clipping level:** +24 dB**Dynamic range:**  $\geq 120$  dB**THD+Noise:** 0.03%**Input impedance:** unbal. 22k  $\Omega$ **Power requirement:** external power adapter, 12V DC/200mA**Power Range:** 100V-240VAC, depends on country**Power Indicator:** red LED, located on the power switch**Dimensions:** 46 mm  $\times$  200 mm  $\times$  143 mm (H  $\times$  W  $\times$  D)**Net Weight:** 575 g (20.3 oz)

## E901i

**Music Phone Adapter for iDevice**

With the E901i, you can transform your headphones into a stereo mobile headset to work with a smartphones. Functions may vary due to different types of smartphones.

- Smart in-line control with microphone for iDevices and smartphones
- VoiceOver support on enabled devices
- Compatible with any standard headphones and earphones
- 1.1m cable with 3.5 mm (1/8") stereo plug and jack on both ends





## RELATED ITEMS

### A/HD381 B/HD681 C/HD662 Headphone Demo Station

Demo Station / Multi-Functional Display



A/HD381  
Battery powered /  
AC powered  
HD381, HD381B &  
HD381F included

B/HD681  
Battery powered /  
AC powered  
HD681, HD681B &  
HD681F included

C/HD662  
Battery powered / AC  
powered  
HD662, HD662B &  
HD662F included

Superlux is now offering you a unique platform for headphone demonstrations and displays. It is a sales kit which allows customers to test and compare various models of headphones. One kit can accommodate up to three headphones simultaneously. Powered by two AA batteries or AC power, it is easy to use and easy to move anywhere you want to exhibit your products.

- A sales kit for testing and comparison
- Battery powered or AC powered
- Port for iPod Nano for music demos
- HA3D headphones amp included (Mic pre-amp is an option)
- Built-in external audio source input jack
- Built-in extra headphone output jack , making it easy to bring your own headphones for comparison
- Can be hung on a wall with thief- and pulling-proof or placed on a table and even fixed in place with screws if desired



# SPECIFICATION CHART



| Model No.             | HD631                                                                            | HD665                                                                              | HD562                                                              | HD661                                                                                                   | HD681EVO                                                                                                | HD660                                                      |
|-----------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Type                  | Circumaural, closed-back                                                         | Circumaural, closed-back                                                           | Supra-aural, closed-back                                           | Circumaural, closed-back                                                                                | Circumaural, semi-open                                                                                  | Circumaural, closed-back                                   |
| Driver                | Ø51 mm, Neodymium                                                                | Ø40 mm, Neodymium                                                                  | Ø39 mm, Neodymium                                                  | Ø40 mm, Neodymium                                                                                       | Ø50 mm, Neodymium                                                                                       | Ø40 mm, Neodymium                                          |
| Sensitivity           | 101 dB SPL (1mW)                                                                 | 102 dB SPL (1mW)                                                                   | 101 dB SPL (1mW)                                                   | 102 dB SPL (1mW)                                                                                        | 98 dB SPL (1mW)                                                                                         | 96 dB SPL (1mW)                                            |
| Frequency Response    | 20-20,000 Hz                                                                     | 10-20,000 Hz                                                                       | 10-22,000 Hz                                                       | 10-20,000 Hz                                                                                            | 10-30,000 Hz                                                                                            | 10-30,000 Hz                                               |
| Max. Input Power      | 3,000 mW                                                                         | 200 mW                                                                             | 200 mW                                                             | 200 mW                                                                                                  | 300 mW                                                                                                  | 100 mW                                                     |
| Rated Impedance       | 40 Ω (copper-coated aluminum wire)                                               | 68 Ω (copper-coated aluminum wire)                                                 | 70 Ω (copper-coated aluminum wire)                                 | 68 Ω (copper-coated aluminum wire)                                                                      | 32 Ω (copper-coated aluminum wire)                                                                      | 150 Ω (copper wire)                                        |
| Ear Pad               | Leatherette                                                                      | Leatherette                                                                        | Leatherette                                                        | Leatherette                                                                                             | Leatherette Velvet                                                                                      | Leatherette                                                |
| Cable                 | 3m coiled cable                                                                  | 3m straight cable                                                                  | 1.2m straight cable                                                | 1m straight cable, 3m straight cable                                                                    | 1m straight cable, 3m straight cable                                                                    | 3m coiled cable                                            |
| Connector             | Gold plated stereo mini plug                                                     | Gold plated stereo mini plug                                                       | Gold plated stereo mini plug                                       | Gold plated stereo mini plug                                                                            | Gold plated stereo mini plug                                                                            | Gold plated stereo screw on mini plug                      |
| Caliper Pressure      | Approx. 5N                                                                       | Approx. 10N                                                                        | Approx. 5N                                                         | Approx. 4.5N                                                                                            | Approx. 3.5N                                                                                            | Approx. 6N                                                 |
| Net Weight            | 300g (10.58 oz)                                                                  | 400 g (14.1 oz)                                                                    | 165 g (5.8 oz)                                                     | 190 g (6.7 oz)                                                                                          | 265 g (9.3 oz)                                                                                          | 250 g (8.8 oz)                                             |
| Accessories Furnished | 3m coiled cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | 3m straight cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | ¼" gold-plated stereo adapter<br>Carrying pouch<br>velvet ear pads | 1m straight cable<br>3m straight cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | 1m straight cable<br>3m straight cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | Threaded ¼" gold-plated stereo adapter<br>A7 carrying case |



| HD330                                                      | HD669                                                                                                   | HD668B                                                                                                  | HD662/B/F                                                | HD681/B/F                                                | HD572                                           |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|
| Circumaural, semi-open                                     | Circumaural, closed-back                                                                                | Circumaural, semi-open                                                                                  | Circumaural, closed-back                                 | Circumaural, semi-open                                   | Supra-aural, closed-back                        |
| Ø40 mm, Neodymium                                          | Ø50 mm, Neodymium                                                                                       | Ø50 mm, Neodymium                                                                                       | Ø50 mm, Neodymium                                        | Ø50 mm, Neodymium                                        | Ø30 mm, Neodymium                               |
| 96 dB SPL (1mW)                                            | 98 dB SPL (1mW)                                                                                         | 98 dB SPL (1mW)                                                                                         | 98 dB SPL (1mW)                                          | 98 dB SPL (1mW)                                          | 99 dB SPL (1mW)                                 |
| 10-30,000 Hz                                               | 10-30,000 Hz                                                                                            | 10-30,000 Hz                                                                                            | 10-30,000 Hz                                             | 10-30,000 Hz                                             | 20-20,000 Hz                                    |
| 100 mW                                                     | 200 mW                                                                                                  | 300 mW                                                                                                  | 200 /300 /300 mW                                         | 300 mW                                                   | 200 mW                                          |
| 150 Ω (copper wire)                                        | 56Ω (copper-coated aluminum wire)                                                                       | 56Ω (copper-coated aluminum wire)                                                                       | 32 Ω (copper-coated aluminum wire)                       | 32 Ω (copper-coated aluminum wire)                       | 24 Ω (copper-coated aluminum wire)              |
| Leatherette                                                | Leatherette                                                                                             | Leatherette                                                                                             | Leatherette                                              | Leatherette                                              | Leatherette                                     |
| 3m coiled cable                                            | 1m straight cable, 3m straight cable                                                                    | 1m straight cable, 3m straight cable                                                                    | 2.5m straight cable                                      | 2.5m straight cable                                      | 2m straight cable                               |
| Gold plated stereo screw on mini plug                      | Gold plated stereo mini plug                                                                            | Gold plated stereo mini plug                                                                            | Gold plated stereo screw on mini plug                    | Gold plated stereo screw on mini plug                    | Gold plated stereo mini plug                    |
| Approx. 6N                                                 | Approx. 5N                                                                                              | Approx. 3.5N                                                                                            | Approx. 5N                                               | Approx. 3.5N                                             | Approx. 2.5N                                    |
| 300 g (10.58 oz)                                           | 235 g (8.3 oz)                                                                                          | 222 g (7.8 oz)                                                                                          | 286 g (10.05 oz)                                         | 276 g (9.75 oz)                                          | 130 g (4.58 oz)                                 |
| Threaded ¼" gold-plated stereo adapter<br>A7 carrying case | 1m straight cable<br>3m straight cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | 1m straight cable<br>3m straight cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | Threaded ¼" gold-plated stereo adapter<br>Carrying pouch | Threaded ¼" gold-plated stereo adapter<br>Carrying pouch | ¼" gold-plated stereo adapter<br>Carrying pouch |

# SPECIFICATION CHART



| Model No.             | HD685                                                                          | HD661                                                                                                   | HD440                                           | HD651                                 | HD572A                                |
|-----------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------|---------------------------------------|
| Type                  | Circumaural, closed-back                                                       | Circumaural, closed-back                                                                                | Circumaural, closed-back                        | Circumaural, closed-back              | Supra-aural, open                     |
| Driver                | Ø40 mm, Neodymium                                                              | Ø40 mm, Neodymium                                                                                       | Ø40 mm, Neodymium                               | Ø40 mm, Neodymium                     | Ø30 mm, Neodymium                     |
| Sensitivity           | 102 dB SPL (1mW)                                                               | 102 dB SPL (1mW)                                                                                        | 96 dB SPL (1mW)                                 | 98 dB SPL (1mW)                       | 99 dB SPL (1mW)                       |
| Frequency Response    | 10-20,000 Hz                                                                   | 10-20,000 Hz                                                                                            | 20-20,000 Hz                                    | 20-20,000 Hz                          | 20-20,000 Hz                          |
| Max. Input Power      | 200 mW                                                                         | 200 mW                                                                                                  | 100 mW                                          | 200 mW                                | 200 mW                                |
| Rated Impedance       | 68 Ω<br>(copper-coated aluminum wire)                                          | 68 Ω<br>(copper-coated aluminum wire)                                                                   | 150 Ω<br>(copper wire)                          | 32 Ω<br>(copper-coated aluminum wire) | 24 Ω<br>(copper-coated aluminum wire) |
| Ear Pad               | Leatherette                                                                    | Leatherette                                                                                             | Leatherette                                     | Leatherette                           | sponge                                |
| Cable                 | 1.2m cable with in-line control<br>1.2m standard headphone cable               | detachable 1m & 3m straight cable, single side.                                                         | 2.5 m straight cable                            | 2m straight cable                     | 1.2m straight cable                   |
| Connector             | ⅜" (3.5 mm) low profile angled plug<br>⅜" (3.5 mm) straight plug               | Gold plated stereo mini plug                                                                            | Gold plated stereo screw on mini plug           | stereo mini plug                      | Gold plated stereo mini plug          |
| Caliper Pressure      | Approx. 4.5N                                                                   | Approx. 4.5N                                                                                            | Approx. 4N                                      | Approx. 4.5N                          | Approx. 3.5N                          |
| Net Weight            | 285 g (10.05 oz)                                                               | 190 g (6.7 oz)                                                                                          | 300 g (10.6 oz)                                 | 185 g (6.5 oz)                        | 121 g (4.3 oz)                        |
| Accessories Furnished | 1.2m Remote & Mic cable<br>1.2m straight cable<br>Cable clip<br>Carrying pouch | 1m straight cable<br>3m straight cable<br>¼" gold-plated stereo adapter<br>Cable clip<br>Carrying pouch | ¼" gold-plated stereo adapter<br>Carrying pouch | Carrying pouch                        | 4 color earpad<br>Carrying pouch      |



| Model No.             | HD385/i                                              | HD386                                               | HD381/B/F                                                                           |
|-----------------------|------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| Type                  | Dynamic, in-ear                                      | Dynamic, in-ear                                     | Dynamic, in-ear                                                                     |
| Driver                | Ø13.5 mm, Neodymium                                  | Ø13.5 mm, Neodymium                                 | Ø13.5 mm, Neodymium                                                                 |
| Sensitivity           | 103 dB SPL (1mW)                                     | 103 dB SPL (1mW)                                    | 103 dB SPL (1mW)                                                                    |
| Frequency Response    | 20-20,000 Hz                                         | 20-20,000 Hz                                        | 20-20,000 Hz                                                                        |
| Max. Input Power      | 50 mW                                                | 50 mW                                               | 50 mW                                                                               |
| Rated Impedance       | 16 Ω<br>(copper-coated aluminum wire)                | 16 Ω<br>(copper-coated aluminum wire)               | 16 Ω<br>(copper-coated aluminum wire)                                               |
| Cable                 | 1.2m straight cable                                  | 1.2m straight cable                                 | 0.6m straight cable                                                                 |
| Connector             | Gold plated stereo mini plug                         | Gold plated stereo mini plug                        | Gold plated stereo mini plug                                                        |
| Net Weight            | 16 g (0.56 oz)                                       | 16 g (0.56 oz)                                      | 12 g (0.42 oz)                                                                      |
| Accessories Furnished | carrying pouch<br>ear adapters, large, medium, small | carrying case<br>ear adapters, large, medium, small | 0.6m (2 ft.) extension cable<br>Cable wrapper<br>Ear adapters, large, medium, small |

# SPECIFICATION CHART



| Model No.             | HMC631                                | HMC681EVO                             | HMD685 / HMD685a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Headphones</b>     |                                       |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Type                  | Circumaural, closed-back,             | Circumaural, semi-open                | Circumaural, closed-back                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sensitivity           | 102 dB SPL (1mW)                      | 98 dB SPL (1mW)                       | 90 dB SPL (1mW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Frequency Response    | 20-20,000 Hz                          | 10-30,000 Hz                          | 20-20,000 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Max. Input Power      | 1,000 mW                              | 300 mW                                | 100 mW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Rated Impedance       | 40 Ω<br>(copper-coated aluminum wire) | 32 Ω<br>(copper-coated aluminum wire) | 400 Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Microphone</b>     |                                       |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Type                  | Condenser                             | Condenser                             | Dynamic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Frequency Response    | 80-15,000 Hz                          | 80-15,000 Hz                          | 150-15,000 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Polar pattern         | unidirectional                        | unidirectional                        | cardioid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Rated Impedance       | 2.2k Ω                                | 2.2k Ω                                | 200 Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sensitivity           | -40 dBV/Pa (10 mV)                    | -45 dBV/Pa (5.6 mV)                   | -64 dBV/Pa (0.6 mV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specifications</b> |                                       |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cable                 | 3m straight cable                     | 3m straight cable                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Connector             | 2 x 3.5mm (1/8")                      | 2 x 3.5mm (1/8")                      | <p><b>HMD685 / HMD685a</b><br/>3m (9.8') coil spring cord, open end</p> <p><b>HMD685X / HMD685aX</b><br/>3m (9.8') coil spring cord, screw-on 3.5 mm (1/8") headphone plug with a 6.3 mm (1/4") adapter and an 3-pin XLR male mic plug</p> <p><b>HMD685X4 / HMD685aX4</b><br/>1.5m (4.92') straight cord, 4-pin XLR male plug</p> <p><b>HMD685X5 / HMD685aX5</b><br/>1.5m (4.92') straight cord, 5-pin XLR male plug</p> <p><b>HMD685E / HMD685aE</b><br/>3m (9.8') coil spring cord, screw-on 3.5 mm (1/8") headphone plug with a 6.3 mm (1/4") adapter and a 3.5 mm (1/8") mic plug wired as mono</p> |
| Net weight            | 350 g (12.34 oz)                      | 355 g (12.52 oz)                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Accessories Furnished | NA                                    | NA                                    | Windscreen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



HMC660

HMD660

Circumaural, closed-back

Circumaural, closed-back

96 dB SPL (1mW)

96 dB SPL (1mW)

10-30,000 Hz

10-30,000 Hz

100 mW

100 mW

150  $\Omega$  (copper-coated aluminum wire)

150  $\Omega$  (copper-coated aluminum wire)

Condenser

Dynamic

50-15,000 Hz

150-15,000 Hz

supercardioid

cardioid

200  $\Omega$

200  $\Omega$

-40 dBV/Pa (10 mV)

-64 dBV/Pa (0.6 mV)

**HMC660**

3 m (9.8') coil spring cord, open end

**HMC660X**

3m (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and an XLR mic plug.

**HMC660E**

3m (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and a 3.5 mm (1/8") stereo mic plug wired as mono

**HMD660**

3m (9.8') coil spring cord, open end

**HMD660X**

3m (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and an XLR mic plug

**HMD660E**

3m (9.8') coil spring cord, screw-on 3.5 mm (1/8") stereo headphone plug with a 3.5 mm (1/8") to 6.3 mm (1/4") adapter and a 3.5 mm (1/8") stereo mic plug wired as mono

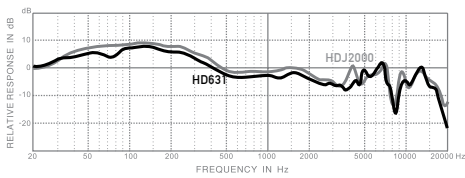
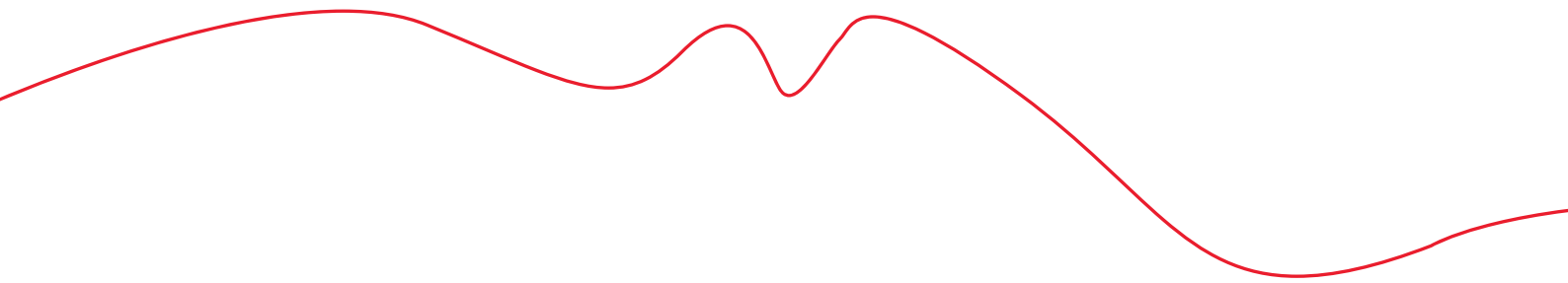
S11 windscreen

S11 windscreen

A7 plastic carrying case

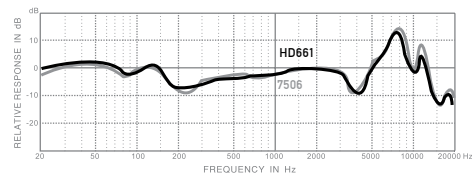
A7 plastic carrying case

# FREQUENCY CHART



## HD631 DJ Headphones

Both the HD631 and HDJ-2000 have a similar frequency curve, offering the best in sound quality, fit and durability for professional DJ applications.

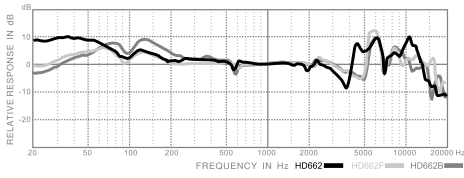


## HD661 Professional Monitoring Headphones

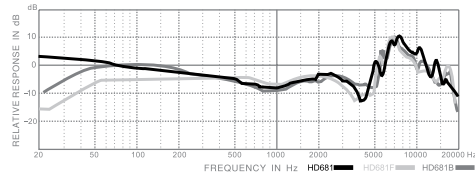
Both the HD661 and MDR7506 have a similar frequency curve. The HD661 delivers a wide dynamic range and high resolution sound, presenting the crystal clear audio details demanded by professional users.

FR charts shown here are test results determined by China Standard IEC318 ear simulation.

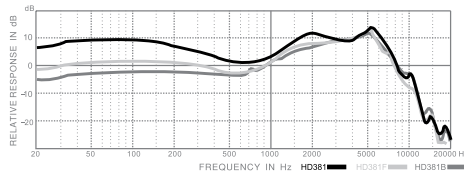




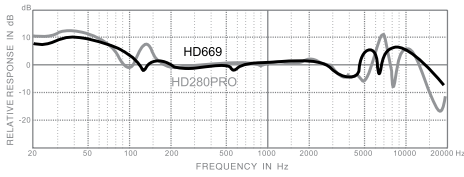
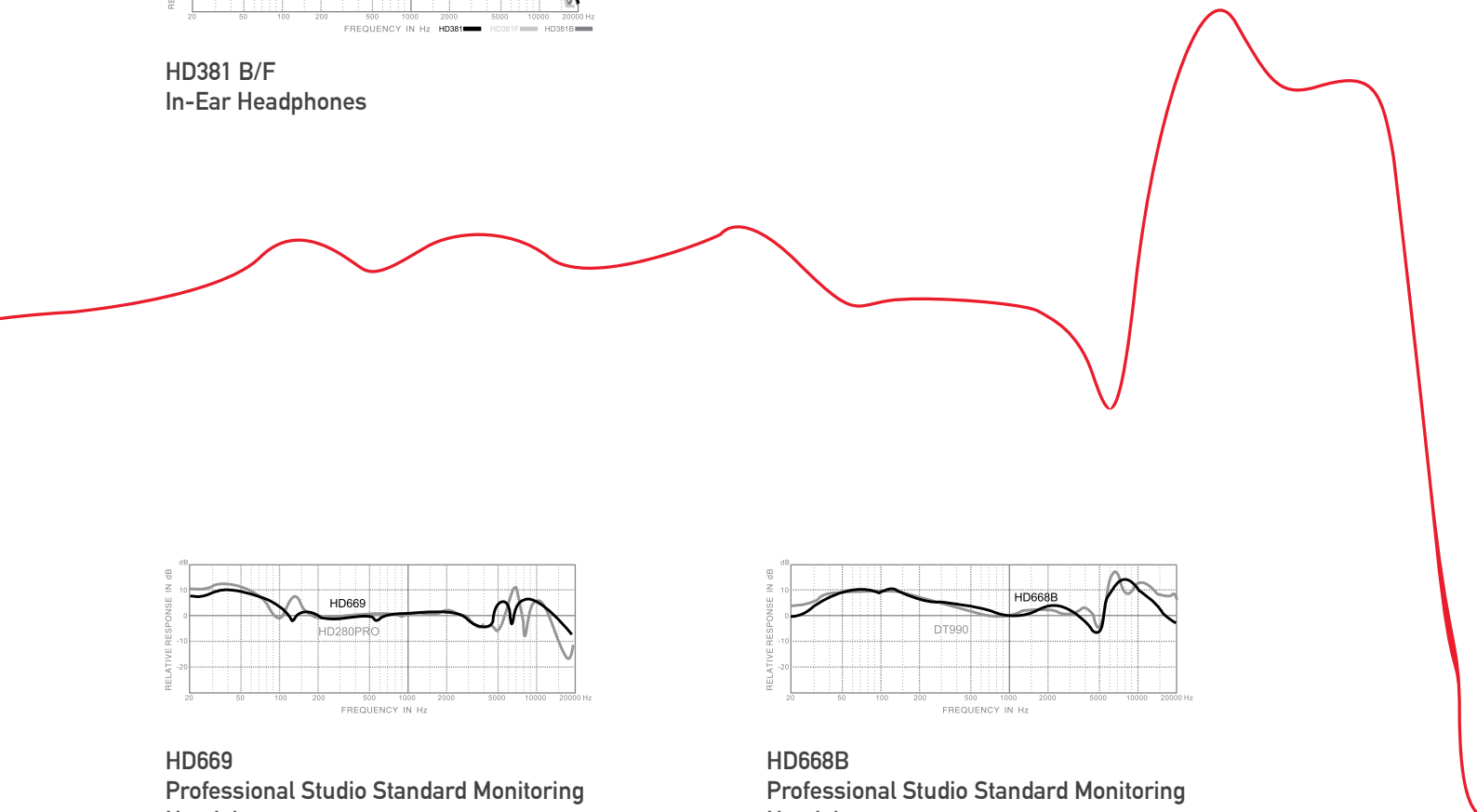
**HD662 B/F**  
Professional Monitoring Headphones



**HD681 B/F**  
Professional Monitoring Headphones

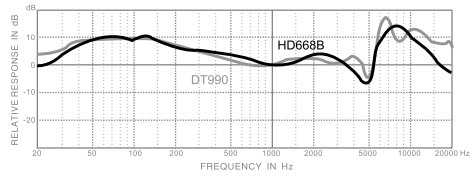


**HD381 B/F**  
In-Ear Headphones



**HD669**  
Professional Studio Standard Monitoring Headphones

Both the HD669 and HD280PRO have a similar frequency curve. HD669 delivers natural and excellent balanced sound, presenting the crystal clarity and high resolution demanded by professional users.



**HD668B**  
Professional Studio Standard Monitoring Headphones

Both the HD668B and DT990 have a similar frequency curve. The HD668B delivers a natural and excellently balanced sound, presenting the crystal clarity and high resolution demanded by professional users.

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