

PRODUCT GUIDE

2018-2019



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PROFESSIONAL SPEAKERS



TECHNICAL SPECIFICATIONS

	PL3WMS / PL3BMS	PL5WMS / PL5BMS	PL6B / PL6W	PL8B / PL8W	PL6B-M / PL6W-M	PL8B-M / PL8B-M
ORDER CODE	140096 / 140098	140097 / 140099	140020 / 140013	140011 / 140009	140034 / 140035	140012 / 140010
Frequency Response $\pm 3\text{dB}$	85 Hz - 16 kHz	75 Hz - 16 kHz	65 Hz - 16 kHz	60 Hz - 18 kHz	65 Hz - 16 kHz	60 Hz - 18 kHz
Rated Power @ 100 V	2,5 / 5 / 10 / 15 W	5 / 10 / 15 / 25 W	-	-	50 W	70 W
Power (RMS) @ 8 Ω	40 W	50 W	100 W	130 W	-	-
Sensitivity (1 W / 1 m)	88 dB	90 dB	92 dB	93 dB	92 dB	93 dB
Max. SPL (Peak)	102 dB	105 dB	110 dB	115 dB	110 dB	115 dB
Impedance	100 V / 8 Ω	100 V / 8 Ω	8 Ω	8 Ω	100 V	100 V
Transducers	1/2" Dome Tweeter 3,5" PP Woofer	1/2" Dome Tweeter 5,5" PP Woofer	1/2" Dome Tweeter 6,5" PP Woofer	1" Dome Tweeter 8" PP Woofer	1/2" Dome Tweeter 6,5" PP Woofer	1" Dome Tweeter 8" PP Woofer
Connectors	Press on tags	4 mm Posts	4 mm Posts	4 mm Posts	4 mm Posts	4 mm Posts
Dimensions (H x W x D)	200 x 130 x 110 mm	250 x 180 x 140 mm	280 x 215 x 175 mm	360 x 270 x 220 mm	280 x 215 x 175 mm	360 x 270 x 220 mm
Weight (Net)	1,5 kg	2,5 kg	4,5 kg	6 kg	4,9 kg	6,5 kg

PL SERIES

One Way...

Either being a small retail shop or... an airport, the PL series was brought to life with the sole purpose to cover every square meter of any venue with high quality, transparent and balanced sound. The industry standard PL series, for more than 15 years, has equipped from cafes and restaurants, to shopping malls and public sector buildings. All in all the perfect solution when high grade sound reproduction and budget considerations are of the utmost priority.

The line-up consists of four models with rigid plastic enclosures, in 3,5", 5,5", 6,5" and 8" versions. They can also be safely used in exterior spaces due to the aluminium covers and supports with which they can be optionally equipped. Additionally they can be ordered with 100V transformers in order to accommodate huge public-address installations.

Adding to all this their time tested design and the choice between black and white finishing, it all comes down to a true one-way solution, an absolute champion in this price range.



1. Rear side of PL3/PL5 power taps @ 100 V and 8 Ω 2. Optional aluminium yoke mount for use in exterior spaces





TECHNICAL SPECIFICATIONS

	ES8	ES10	ES12	ES15
ORDER CODE	531000	531001	531002	531003
Frequency Response	75 Hz - 20 kHz	65 Hz - 20 kHz	50 Hz - 20 kHz	45 Hz - 20 kHz
Power (RMS)	80 W	120 W	150 W	200 W
Program Power / Peak	160 W / 320 W	240 W / 480 W	300 W / 600 W	400 W / 800 W
Sensitivity (1 W / 1m)	90 dB	93 dB	97 dB	98 dB
Max. SPL (Peak)	111 dB	115 dB	120 dB	122 dB
Impedance	8 Ω	8 Ω	8 Ω	8 Ω
Dispersion	90° x 50°	90° x 50°	90° x 50°	90° x 50°
Transducers	1" HF Compression Driver 8" LF Driver with 1.18" Voice Coil	1" HF Compression Driver 10" LF Driver with 1.5" Voice Coil	1" HF Compression Driver 12" LF Driver with 1.5" Voice Coil	1" HF Compression Driver 15" LF Driver with 2" Voice Coil
Connections	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon
Dimensions (H x W x D)	380 x 260 x 200 mm	490 x 325 x 270 mm	580 x 380 x 310 mm	690 x 450 x 350 mm
Weight (Net)	4,2 kg	5,8 kg	9,5 kg	11,5 kg

ES SERIES

PASSIVE SPEAKERS

No Limits!

The brand new ES series was designed from the ground up to break the barrier of the entry level price range, and along with that the notion that good sound comes with a high price tag. For the first time, you will equip your café, your restaurant, or a school's activities room, without even bothering about the cost. Advantageously priced with expensive sounding, the models of the ES series start from 8" up to 15", with a 10" and 12" model acting as middle ground.

High level construction quality is a prerequisite for every product that bares the Metro Audio Systems tag, this is why every element of the ES series is very carefully chosen, like for example the ultra-rigid plastic enclosures and of course the modern design that will blend effortlessly in every interior. The new ES series will give you the power and transparency that your projects need at a fraction of the price of the competition.



1. Standard pole mount at the bottom of each speaker 2. Rear side on passive version 3. Mounted handles on both sides 4. Suitable for use as stage monitor



ES SERIES

ACTIVE SPEAKERS



Quality and Flexibility!

ES Series has been completed by a series of Active Speakers of 8", 10", 12" and 15". This Active series, beyond the expected features, offer even more flexibility due to incorporated media player with Bluetooth receiver, USB stick reader and SD card reader on their back panel that give the ability to the end user to play music easily, even via a mobile phone. Moreover, all active models, have 2 mic inputs as well as one line input to which any sound source can be directly connected.

TECHNICAL SPECIFICATIONS

	ES8 A MP3 BT	ES10 A MP3 BT	ES12 A MP3 BT	ES15 A MP3 BT
<i>ORDER CODE</i>	531009	531015	531012	531011
Frequency Response	90 Hz - 18 kHz	80 Hz - 18 kHz	65 Hz - 19 kHz	55 Hz - 18 kHz
Power RMS	60 W	80 W	150 W	200 W
Program Power / Peak	120 W / 240 W	160 W / 320 W	300 W / 600 W	400 W / 800 W
Sensitivity (1W / 1m)	90 dB	93 dB	97 dB	98 dB
Max. SPL (Peak)	107 dB	111 dB	114 dB	116 dB
Dispersion	90° x 50°	90° x 50°	90° x 50°	90° x 50°
Transducers	1" HF Compression Driver 8" LF Driver with 1,18" Voice Coil	1" HF Compression Driver 10" LF Driver with 1,5" Voice Coil	1" HF Compression Driver 12" LF Driver with 1,5" Voice Coil	1" HF Compression Driver 15" LF Driver with 2" Voice Coil
Amplification	Class AB	Class AB	Class AB	Class AB
Storage Media	USB devices and SD(HC) cards	USB devices and SD(HC) cards	USB devices and SD(HC) cards	USB devices and SD(HC) cards
File System	FAT32	FAT32	FAT32	FAT32
Playback Format	MP3, WAV	MP3, WAV	MP3, WAV	MP3, WAV
Number of Files	max. 999	max. 999	max. 999	max. 999
Inputs				
Mic	combination XLR 6,3 mm jack	combination XLR 6,3 mm jack	3-pin XLR or 6,3 mm jack	3-pin XLR or 6,3 mm jack
Line	stereo RCA	stereo RCA	stereo RCA	stereo RCA
Outputs				
Line	stereo RCA	stereo RCA	stereo RCA	stereo RCA
Power Supply	100 - 240 V AC, 50 / 60 Hz	100 - 240 V AC, 50 / 60 Hz	100 - 240 V AC, 50 / 60 Hz	100 - 240 V AC, 50 / 60 Hz
Dimensions (H x W x D)	380 x 260 x 200 mm	490 x 325 x 270 mm	580 x 380 x 310 mm	690 x 450 x 350 mm
Weight (Net)	5,05 kg	7,1 kg	11,5 kg	16,06 kg



1. Suitable for use as stage monitor 2. Incorporated media player USB / SD / BT 3. Rear panel inuts of ES12A - ES15A



- 1. Suitable for use as stage monitor
- 2. Standard pole mount at the bottom of each speaker
- 3. PS8 mkII custom made woofer by Lavoce
- 4. Mounted handles on both sides
- 5. HF driver PS8 mkII
- 6. Rear side of PS Series



PS SERIES

Quality meets perfection

The PS Series is a range of passive loudspeakers offering trusted reliability and overall acoustic performance beyond expectations. Designed for sound reinforcement in permanent installations, as well as mobile applications including live performance, djing, dance music, karaoke. No matter what the application is, PS Series loudspeakers will deliver outstanding results. Designed in Europe with high quality components (HF & LF drivers, crossovers) PS Series consists of four models constructed of high quality ABS material and coated in black, textured paint. Heavy-duty grilles lined with foam provide protection for the woofers and an elegant appearance. PS 8 mkII, PS 10, PS 12 and PS 15 models are equipped with an all metal 36mm socket that allows the speaker to be mounted vertically on a pole (speaker stand or wall mount). Paired them with Metro's L10 Wall mount (page 41), which will allow you to mount the speakers angled down by up to 20° to improve audience coverage and reduce rear wall reflections. Multiple mounting options using M8 eyebolts are supported. Input connections include parallel speakon.

TECHNICAL SPECIFICATIONS

	PS 8 mkII	PS 10	PS 12	PS 15
ORDER CODE	531086	531052	531053	531054
Frequency Response	61 Hz - 19 kHz	58 Hz - 19 kHz	53 Hz - 19 kHz	46 Hz - 19 kHz
Power (RMS)	250 W	250 W	350 W	450 W
Program Power / Peak	500 W / 1000 W	500 W / 1000 W	700 W / 1400 W	900 W / 1800 W
Sensitivity (1 m / 1 W)	97 dB	93 dB	95 dB	97 dB
Max. SPL (Peak)	115 dB	117 dB	120 dB	124 dB
Impedance	8 Ω	8 Ω	8 Ω	8 Ω
Dispersion	90° x 60°	90° x 60°	90° x 60°	90° x 60°
Transducers	1" HF Compression Driver with 1,35" Voice Coil 8" LF Driver with 1,8" Voice Coil	1" HF Compression Driver with 1,35" Voice Coil 10" LF Driver with 2" Voice Coil	1" HF Compression Driver with 1,35" Voice Coil 12" LF Driver with 2,36" Voice Coil	1" HF Compression Driver with 1,75" Voice Coil 15" LF Driver with 3" Voice Coil
Connectors	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon
Dimensions (H x W x D)	485 x 270 x 270 mm	520 x 300 x 300 mm	603 x 360 x 350 mm	690 x 420 x 380 mm
Weight (Net)	8,4 kg	10,4 kg	13,5 kg	18,3 kg



HAMMER SERIES

Powerful Lows

The Hammer series is a range of both passive and active subwoofers in the sizes 10", 12" and 15". Designed in Europe with high quality components, all Hammer models are producing extremely heavy low-end sound. They consist a powerful addition to the full-range cabinets of Metro ES and PS Series. All are equipped with standard pole-mount socket and mounted handle at the top. Hammer 15 has extra mounted handles on both sides. Their cabinets are made of 15mm plywood in black textured finish. Passive series are of 4Ω impedance, while the active series contain Class D amplifiers with thermal limiting, output overcurrent, DC, short circuit and limiter protection. They are suitable for portable as well as permanent installations.

TECHNICAL SPECIFICATIONS

PASSIVE SERIES	HAMMER 10P	HAMMER 12P	HAMMER 15P
ORDER CODE	160003	160002	160005
Frequency Response (-10 dB)	42 Hz - 350 Hz	39 Hz - 250 Hz	35 Hz - 200 Hz
Power (RMS / Peak)	300 W / 1200 W	400 W / 1600 W	450 W / 1800 W
Sensitivity (1 W / 1 m)	94 dB	96 dB	97 dB
Max. SPL (Peak)	124 dB	127 dB	129 dB
Impedance	4 Ω	4 Ω	4 Ω
Transducers	10" custom made cone transducer, 50 oz magnet	12" custom made cone transducer, 60 oz magnet	15" custom made cone transducer, 60 oz magnet
Connectors	2 x NL4, in parallel mode	2 x NL4, in parallel mode	2 x NL4, in parallel mode
Material	15 mm Plywood with high quality spray painting	15 mm Plywood with high quality spray painting	15 mm Plywood with high quality spray painting
Finish	Black textured paint	Black textured paint	Black textured paint
Dimensions (H x W x D)	500 x 292 x 427 mm	540 x 345 x 460 mm	600 x 420 x 560 mm
Weight (Net)	14,3 kg	18 kg	24,3 kg
ACTIVE SERIES	HAMMER 10A	HAMMER 12A	HAMMER 15A
ORDER CODE	160004	160001	160006
Frequency Response (-10 dB)	42 Hz - 120 Hz	39 Hz - 120 Hz	35 Hz - 120 Hz
Power (RMS / Peak)	300 W / 1200 W	400 W / 1600 W	450 W / 1800 W
Sensitivity (1 W / 1 m)	94 dB	96 dB	97 dB
Max. SPL (Peak)	124 dB	127 dB	129 dB
Impedance	XLR: 40 kΩ balanced	XLR: 40 kΩ balanced	XLR: 40 kΩ balanced
Transducers	10" custom made cone transducer, 50 oz magnet	12" custom made cone transducer, 60 oz magnet	15" custom made cone transducer, 60 oz magnet
Connectors	Dual Balanced female XLR line level input, Dual Balanced male XLR full range line level out, Dual Balanced male XLR High Pass (100 Hz) line level out, IEC power connector		
Amplification	Class D	Class D	Class D
Configuration	4th-order Linkwitz - Riley	4th-order Linkwitz - Riley	4th-order Linkwitz - Riley
Amplifier Protection	Thermal limiting, output overcurrent, DC, short circuit, limiter		
AC Power Input	240 V AC, 50 to 60 Hz	240 V AC, 50 to 60 Hz	240 V AC, 50 to 60 Hz
AC Power Consumption	6,3 A	6,3 A	6,3 A
Controls	Power, Gain, Polarity (Normal/Reverse), LED (Limit), Led (Power)		
Indicators	Power, Limit	Power, Limit	Power, Limit
Material	15 mm Plywood with high quality spray painting		
Finish	Black textured paint	Black textured paint	Black textured paint
Dimensions (H x W x D)	500 x 292 x 427 mm	540 x 345 x 460 mm	600 x 420 x 560 mm
Weight (Net)	16,5 kg	20,2 kg	26,6 kg

AT A GLANCE!

PL SERIES	PL3	PL5	PL6	PL8
Frequency Response ± 3 dB	85 Hz - 16 kHz	75 Hz - 16 kHz	65 Hz - 16 kHz	60 Hz - 18 kHz
Rated Power @ 100 V	2.5 / 5 / 10 / 15 W	5 / 10 / 15 / 25 W	50 W	70 W
Power (RMS) @ 8 Ω	40 W	50 W	100 W	130 W
Max. SPL (Peak)	102 dB	105 dB	110 dB	115 dB

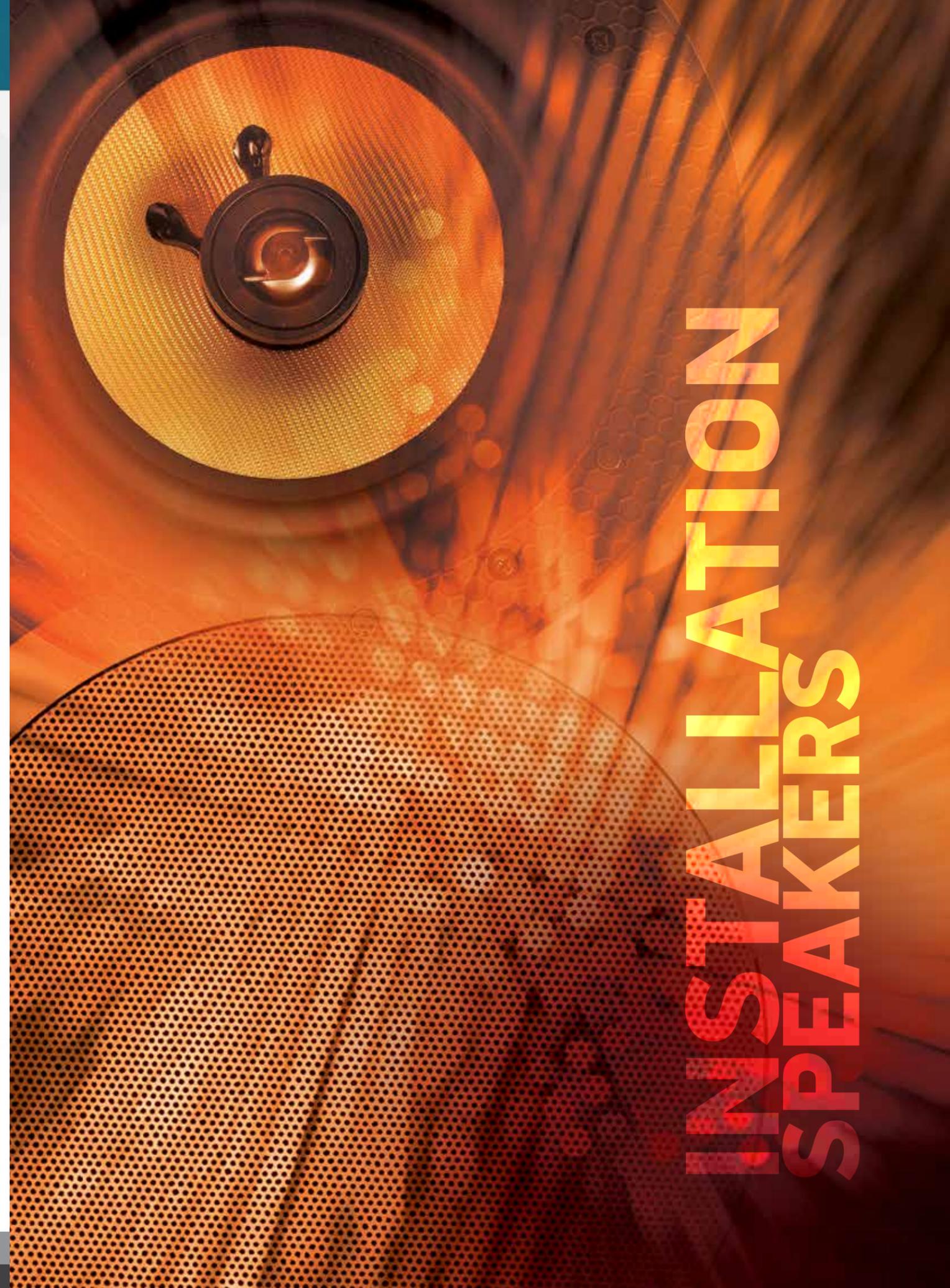
ES SERIES / PASSIVE	ES8	ES10	ES12	ES15
Frequency Response	75 Hz - 20 kHz	65 Hz - 20 kHz	50 Hz - 20 kHz	45 Hz - 20 kHz
Power (RMS)	80 W	120 W	150 W	200 W
Max. SPL (Peak)	111 dB	115 dB	120 dB	122 dB

ES SERIES / ACTIVE	ES8 A MP3 BT	ES10 A MP3 BT	ES12 A MP3 BT	ES15 A MP3 BT
Frequency Response	90 Hz - 18 kHz	80 Hz - 18 kHz	65 Hz - 19 kHz	55 Hz - 18 kHz
Power (RMS)	60 W	80 W	150 W	200 W
Max. SPL (Peak)	107 dB	111 dB	114 dB	116 dB

PS SERIES	PS 8 mkII	PS 10	PS 12	PS 15
Frequency Response	61 Hz - 19 kHz	58 Hz - 19 kHz	53 Hz - 19 kHz	46 Hz - 19 kHz
Power (RMS)	250 W	250 W	350 W	450 W
Max. SPL (Peak)	115 dB	117 dB	120 dB	124 dB

HAMMER SERIES / PASSIVE	HAMMER 10P	HAMMER 12P	HAMMER 15P
Frequency Response (-10 dB)	42 Hz - 350 Hz	39 Hz - 250 Hz	35 Hz - 200 Hz
Power (RMS / Peak)	300 W / 1200 W	400 W / 1600 W	450 W / 1800 W
Max. SPL (Peak)	124 dB	127 dB	129 dB

HAMMER SERIES / ACTIVE	HAMMER 10A	HAMMER 12A	HAMMER 15A
Frequency Response (-10 dB)	42 Hz - 120 Hz	39 Hz - 120 Hz	35 Hz - 120 Hz
Power (RMS / Peak)	300 W / 1200 W	400 W / 1600 W	450 W / 1800 W
Max. SPL (Peak)	124 dB	127 dB	129 dB
Amplification	Class D	Class D	Class D



INSTALLATION SPEAKERS

RM3FR

Ceiling Speaker 3"

ORDER CODE: 100.001

- Full Range • Power: 6 W @ 8 Ω • Transformer 100 V with Power Taps 6 / 3 / 1,5 W • Sensitivity: 93 dB
- Frequency Response: 100 Hz - 15 kHz
- Full Metal Construction • Dimensions (Diameter x Height): Ø 105 x 80 mm • Cutout Diameter: Ø 85 mm
- Weight: 0,46 kg • Color: Silver

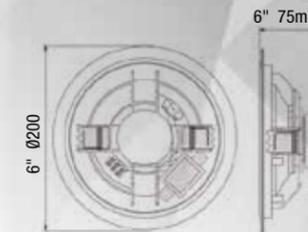


RN6CA

Ceiling Speaker 6"

ORDER CODE: 100.005

- Two Way (Coaxial) • Power: 20 W @ 8 Ω
- Transformer 100 V with Power Taps 6 / 3 / 1,5 W • Sensitivity: 94 dB
- Frequency Response: 100 Hz - 20 kHz
- Full Metal Construction • Dimensions (Diameter x Height): Ø 200 x 75 mm
- Cutout Diameter: Ø 170 mm • Weight: 1 kg
- Color: Nickel

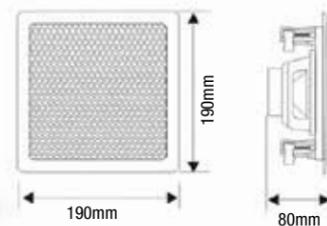


VQ5CA

Ceiling Speaker 5" square

ORDER CODE: 870018

- Two Way (Coaxial) • Power: 20 W @ 8 Ω
- Transformer 100 V with Power Taps 20 / 10 / 5 W
- Sensitivity: 89 dB • Frequency Response: 90 Hz - 18 kHz
- ABS • Dimensions (H x W x D): 80 x 190 x 190 mm
- Cutout Dimensions: 160 x 160 mm
- Weight: 1,3 kg • Color: White

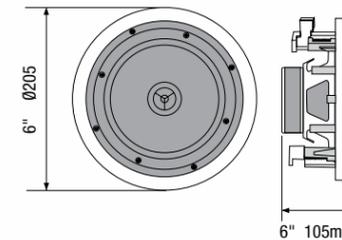


V6CA

Ceiling Speaker 6,5"

ORDER CODE: 290001

- Two Way (Coaxial) • Power: 25 W @ 8 Ω • Transformer 100 V with Power Taps 20 / 10 / 5 W • Sensitivity: 90 dB
- Frequency Response: 55 Hz - 18 kHz • ABS • Dimensions (Diameter x Height): Ø 205 x 105 mm • Cutout Diameter: Ø 180 mm • Weight: 1,23 kg • Color: White

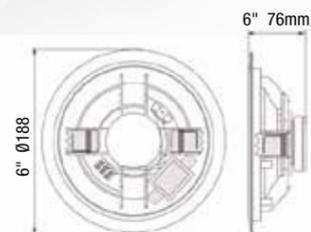


VP6FR

Ceiling Speaker 6"

ORDER CODE: 870017

- Full Range • Power: 10 W @ 8 Ω • Transformer 100 V with Power Taps 6 / 3 / 1,5 W • Sensitivity: 93 dB
- Frequency Response: 100 Hz - 15 kHz • ABS
- Dimensions (Diameter x Height): Ø 188 x 76 mm
- Cutout Diameter: Ø 170 mm • Weight: 0,70 kg
- Color: White

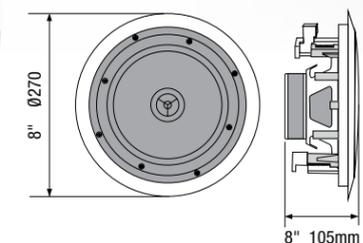


V8CA

Ceiling Speaker 8"

ORDER CODE: 870006

- Two Way (Coaxial) • Power: 40 W @ 8 Ω
- Transformer 100 V with Power Taps 40 / 20 / 10 W
- Sensitivity: 88 dB • Frequency Response: 60 Hz - 20 kHz
- ABS • Dimensions (Diameter x Height): Ø 270 x 105 mm
- Cutout Diameter: Ø 240 mm • Weight: 2 kg
- Color: White



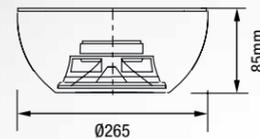


RF306

Wall-mount Speaker 6,5"

ORDER CODE: 870030

- Full Range • Power: 10 W @ 8 Ω
- Transformer 100 V with Power Taps 10 / 5 / 2,5 W
- Sensitivity: 92 dB • Frequency Response: 130 Hz - 15 kHz
- ABS • Dimensions (Diameter x Height): Ø 254 x 85 mm
- Weight: 1 kg
- Color: White

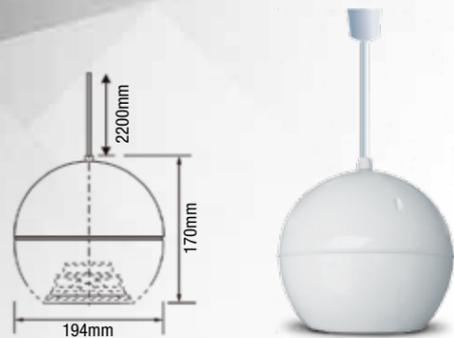


GB510

Pendant-mount Spherical Speaker 5"

ORDER CODE: 870031

- Full Range • Power: 10 W @ 8 Ω • Transformer 100 V with Power Taps 10 / 5 / 2,5 W
- Sensitivity: 92 dB • Frequency Response: 150 Hz - 15 kHz
- ABS • Dimensions of speaker output: Ø 180 mm • Dimensions (Diameter x Height): Ø 194 x 170 mm
- Cable Length: 2200 mm • Weight: 1,35 kg • Color: White

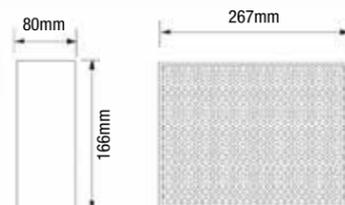


WM006

Wall-mount Speaker 5,5"

ORDER CODE: 870015

- Full Range • Power: 6 W @ 8 Ω • Transformer 100 V with power taps 6 / 3 / 1,5W
- Sensitivity: 92 dB • Frequency Response: 130 Hz - 17 kHz
- ABS • Dimensions (H x W x D): 166 x 267 x 80 mm
- Weight: 1 kg
- Color: White



PL SERIES

High quality installation speakers 3,5" / 5,5" / 6,5" / 8"

More information on pages 4-5

PL Series offer four models with a variety of options that make them suitable for any kind of installation whether it is about cafe, bars, restaurants with inner and exterior spaces, or shopping malls and public sector places. All models come in both black and white color with 100V transformer (standard equipment for PL3 & PL5, separate order code for PL6 & PL8). Aluminium grilles and yoke mounts are available for all models in both colors (making the speakers suitable for exterior use).

ROCK6

Garden Speaker in Rock Shape 6,5"

ORDER CODE: 145.009

- Two Way (Coaxial) • Power: 30 W @ 100 V
- 1,2" Silk Dome Tweeter & 6,5" PP Woofer
- Sensitivity: 89dB
- Frequency Response: 85 Hz - 20 kHz
- Made of Fiberglass • IP56
- Dimensions (H x W x D): 270 x 320 x 230 mm
- Weight: 4,7 kg • Color: Grey

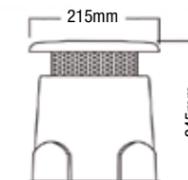


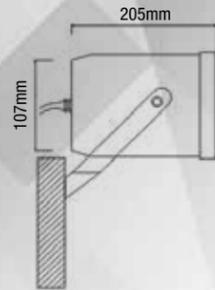
GD20

Lawn Speaker 5"

ORDER CODE: 870004

- Two Way (Coaxial) • Power: 20 W @ 100 V
- 5" PP Woofer • Sensitivity: 95 dB
- Frequency Response: 80 Hz - 15 kHz
- ABS • IP66 • High Temperature Resistant
- Sun Proof • Dimensions (Diameter x Height): Ø 215 x 245 mm
- Weight: 2,1 kg • Color: Green





SSP 115

Uni-direction Sound Projector 5", 15 W (30 W max)

ORDER CODE: 870012

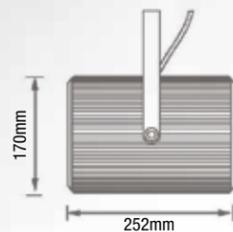
- Full Range • Transformer 100 V with Power Taps 15 / 7,5 / 4 W / 8 Ω • Sensitivity: 91 dB • Frequency Response: 130 Hz - 15 kHz • ABS • IP55
- Dimensions (Diameter x Height) Ø 138 x 205 mm
- Weight 1,4 kg • Color: White

SSP 215

Bi-direction Sound Projector 2 x 5", 2 x 15 W (2 x 30 W max)

ORDER CODE: 870011

- Full Range • Transformer 100 V with Power Taps 15 / 7,5 / 4 W / 8 Ω • Sensitivity: 91 dB • Frequency Response: 130 Hz - 15 kHz • Aluminium • IP55 • Dimensions (Diameter x Height): Ø 138 x 205 mm • Weight: 2,4 kg • Color: White

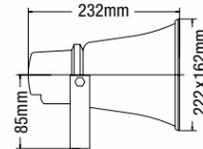


HS 34

Full Range Horn Speaker 15 W @ 8 Ω

ORDER CODE: 870000

- Transformer 100 V with Power Taps 15 / 7,5 / 3,8 / 1,9 W / 8 Ω • Sensitivity: 105 dB • Frequency Response: 300 Hz - 8 kHz • ABS • Suitable for outdoor use (IP66)
- Dimensions (H x W x D): 162 x 222 x 232 mm
- Weight: 1,4 kg • Color: White

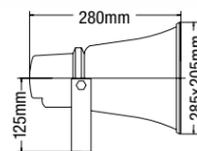


HS 43

Full Range Horn Speaker 30 W @ 8 Ω

ORDER CODE: 870001

- Transformer 100 V with Power Taps 30 / 15 / 7,5 / 3,8 W / 8 Ω • Sensitivity: 105 dB • Frequency Response: 350 Hz - 8 kHz • ABS • Suitable for outdoor use (IP66)
- Dimensions (H x W x D): 205 x 285 x 280 mm
- Weight: 2 kg • Color: White

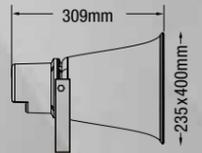


HS 55S

Full Range Horn Speaker 50 W @ 16 Ω

ORDER CODE: 870954

- Transformer 100 V with Power Taps 50 / 25 / 12,5 / 6,25 W / 16 Ω • Sensitivity: 109 dB • Frequency Response: 380 Hz - 6,5 kHz • Suitable for outdoor use (IP66)
- Dimensions (H x W x D): 235 x 400 x 309 mm
- Weight: 2,5 kg • Color: White

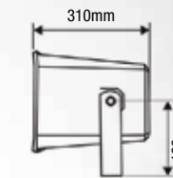


HS 48

Two Way Horn Speaker 50 W @ 8 Ω

ORDER CODE: 870003

- Transformer 100 V with Power Taps 50 / 25 / 12,5 / 9 / 4,5 / 2,6 W / 8 Ω • Sensitivity: 99 dB • Frequency Response: 90 Hz - 20 kHz • ABS • Suitable for outdoor use (IP66)
- Dimensions (H x W x D): 252 x 362 x 310 mm
- Weight: 4,5 kg • Color: White



EV 350D

Volume Controller with relay 50 W @ 100 V

ORDER CODE: 870099

Automatic volume control consisted of 100 V transformer, 11 steps switch (10 control steps and one off position) and emergency call relay. It is suitable for every standard 55 mm mount socket.

Technical Features

- Line input: 100 V • Attenuation per step: 3dB • Total Attenuation: 30 dB
- Attenuation in 10 steps plus off position • ABS • Dimensions (H x W x D): 80 x 80 x 48 mm • Weight: 285 g
- Color: White



VC 5120D

Volume Controller with relay 120 W @ 100 V

ORDER CODE: 870035

Automatic volume control consisted of 100 V transformer, 5 steps switch (4 control steps and one off position) and emergency call relay. It is suitable for every standard 55 mm mount socket.

Technical Features

- Line input: 100 V • Attenuation per step: 6 dB • Total Attenuation: 18 dB
- Attenuation in 4 steps plus off position • ABS • Dimensions (H x W x D): 87 x 87 x 70 mm • Weight: 500 g
- Color: White



PW106

Program Selector (5 programs)

ORDER CODE: 770004

Program selector for 100 V public address systems, with 5 different channels and one off position. It is also equipped with emergency call relay. They are suitable for every standard 55 mm mount socket.

Technical Features

- Line input: 100 V • 5 programs plus off position • ABS • Dimensions (H x W x D): 80 x 80 x 48 mm • Weight: 160 g
- Color: White



TL SERIES

Frameless In-Wall/Ceiling Speakers

Metro Audio Systems introduces a new series of frameless speakers, TL Series, designed and manufactured for high quality performance, reliability and ease-of-use. The series is consisted of two ceiling speakers 4" and 6" and one in-wall architectural speaker 8". They have been developed to deliver great sound quality while their elegant design makes them perfect for almost everywhere.

FEATURES

- Kevlar type woven cone woofer delivers realistic accurate lows (TL-6 & TLW-8 only)
- Titanium (TL-6) and Textile (TLW-8) dome tweeters reproduce high frequencies with extreme accuracy while the Mylar dome tweeter (TL-4) resists humidity and delivers pristine highs
- Butyl rubber surround for longevity and excellent bass performance
- Environment equalizer ($\pm 3\text{dB}$) tailors the sound to the room and listener's taste
- Dog leg mounting system for a fast and easy installation
- Magnetic grill allows easy removal and protection from elements
- Frameless design provides reduced visibility for a clean and built-in look



TL-4

4" Economy Frameless Ceiling Speaker with Transformer

The 4" TL-4 is a small-sized ceiling speaker that can deliver excellent sound performance with its 4" PP cone woofer and 0,5" Mylar Dome Tweeter. It comes with dog leg mounting design so that can be installed quickly and effortlessly.



TL-6

6,5" Two-Way Kevlar Ceiling Speaker

Exceptional Audio Performance

TL-6 is designed to offer flexibility and high quality performance while it accommodates a wide range of audio applications; Its frameless design makes installation easy and matches to any décor; It comes with micro-slim magnetic round grille that offers protection from dust or damage, pivoting 0,75" titanium dome tweeter for pristine highs, and Kevlar cone with butyl rubber surround for natural sound, dog-legs that make installation fast and easy, gold plated terminals and high quality crossover components. Also available with square grille and transformer 100V version.





TLW-8

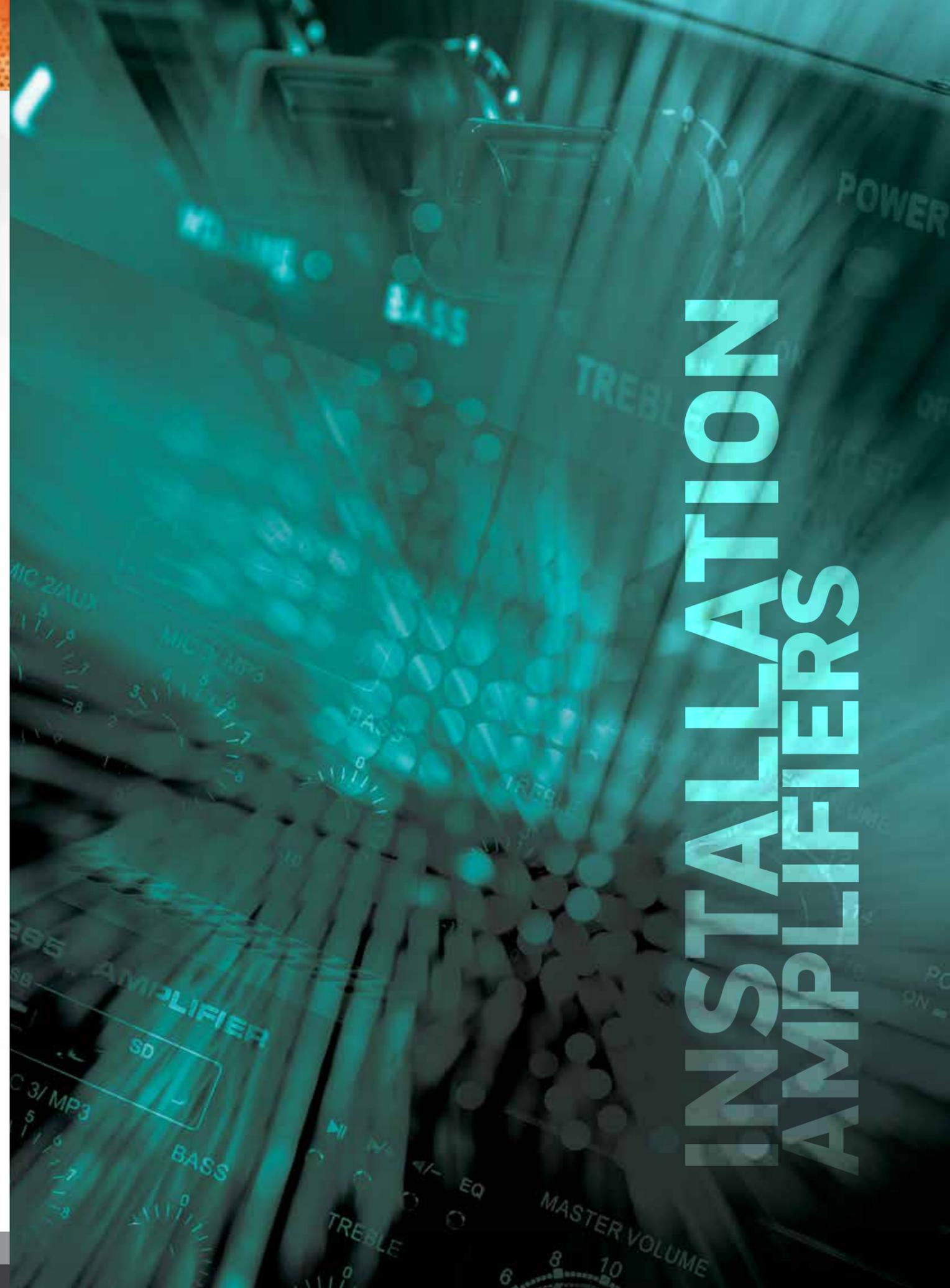
8" Frameless In-Wall Architectural Speaker

True Audio Accuracy

This 8" two-way in-wall loudspeaker delivers high quality sound. It comes with frameless & mag grille design, easy for quick installations. Its 1" textile dome pivoting tweeter delivers natural, uncolored high frequency audio evenly over a wide dispersion pattern while the kevlar cone woofer with rubber surround delivers tight bass for extended listening sessions.

TECHNICAL SPECIFICATIONS

	TL-4	TL-6	TLW-8
ORDER CODE	870364	145.006 145.019 (WITH SQUARE GRILLE) 145.020 (WITH 100V TRANSFORMER)	145.005
Frequency Response	100 Hz - 20 kHz	60 Hz - 20 kHz	50 Hz - 20 kHz
Power RMS	20 W	60 W	80 W
Sensitivity (1 W / 1 m)	88 dB	90 dB	90 dB
Max. SPL (Peak)	93 dB	95 dB	95 dB
Impedance	8 Ω	8 Ω	8 Ω
Transducers	0,5" Mylar Dome Tweeter 4" PP Woofer	0,75" Titanium Dome Tweeter 6,5" Kevlar Woven Cone	1" Textile Dome Tweeter 8" Kevlar Woven Cone
Recommended Amplifier Requirements	20 W - 60 W	60 W - 180 W	80 W - 240 W
Overall Diameter (Including Grille)	Ø 187 mm	Ø 227 mm	362 x 242 mm
Overall Depth (Including Grille)	80 mm	87 mm	105 mm
Cut-Out Hole Diameter	Ø 160 mm	Ø 210 mm	340 x 220 mm
Mounting Depth	> 85 mm	> 94 mm	> 105 mm
Fixing Type	4 dog leg mounting points	4 dog leg mounting points	6 dog leg mounting points
Weight	1,28 kg	1,52 kg	2,19 kg
Available Versions	With 100V Transformer	With square grille With 100V Transformer	With 100V Transformer



INSTALLATION AMPLIFIERS



1. Incorporated media player 2. Priority for MIC 1 with mute attenuator

SM SERIES

The SM Series is consisted of 2 mixing amplifiers (35 W & 60 W), each one with integrated USB & SD card media player, three mic inputs and aux inputs (RCA & Jack). Designed for commercial installations, paging and background music systems. Easy to install, they are ideal for use in small sized applications such as retail shops, cafe bars, restaurants etc.

TECHNICAL SPECIFICATIONS		
	SM-236	SM-265
ORDER CODE	870159	870139
Rated Power @ 4 Ω & 8 Ω	35 W RMS	60 W RMS
Rated Power @ 70 V & 100 V	35 W	60 W
Input Sensitivity / Impedance	Mic Inputs: 2 mV / 600 Ω Aux Inputs: 150 mV / 1kΩ	Mic Inputs: 2 mV / 600 Ω Aux Inputs: 150 mV / 1 kΩ
Frequency Response	150 Hz - 15 kHz	150 Hz - 15 kHz
THD	< 0,5%	< 0,5%
Weight Net	4,4 kg	4,4 kg
Dimensions (H x W x D)	76 x 290 x 196 mm	76 x 290 x 196 mm
Power Supply	230 V AC	230 V AC

FEATURES

- 3 Mic inputs (6,3 mm Jack) • 2 AUX inputs (6,3mm Jack & RCA) • Switch to choose between MIC 2 or AUX input & MIC 3 or MP3 player
- Priority for MIC 1 with mute attenuator on the rear panel
- Output Impedance at 70 V / 100 V / 4 Ω / 8 Ω
- Control Buttons for the media player (PLAY / PAUSE, PREV, NEXT, EQ)
- Independent Gain Controls for MIC 1, MIC 2 / AUX, MIC 3 / MP3
- 2-Band EQ (Bass / Tremble)
- Master volume



PAM SERIES

FEATURES

- 3 Mic inputs (6,3 mm Jack) • 2 AUX inputs (6,3 mm Jack & RCA) • Priority for MIC 1 with mute attenuator on the rear panel
- Output Impedance at 70 V / 100 V / 8 Ω
- Control Buttons for the media player (VOL+ / VOL-, PLAY / PAUSE, PREV, NEXT, MODE)
- Independent Gain Controls for MIC 1, MIC 2, MIC 3, AUX 1, AUX / MP3
- Incorporated FM tuner
- 2-Band EQ (Bass/Tremble)
- Master volume
- Protections: DC Voltage, AC Fuse, Overload, Short circuit



1. Incorporated media player 2. Priority for MIC 1 with mute attenuator

This series is consisted of two "all in one" mixing amplifiers PAM-120 MP3 & PAM-240 MP3 with power output of 120 W & 240 W both in high (70 V / 100 V) and low (8 Ω) impedance. Both models have a built-in mp3 player (with USB and SD card reader) and an FM tuner. Suitable for small to medium sized applications such as retail shops, restaurants, escape rooms etc.

TECHNICAL SPECIFICATIONS

	PAM-120 MP3	PAM-240 MP3
ORDER CODE	870120	870121
Rated Power @ 8 Ω	120 W RMS / 180 W MAX	240 W RMS / 360 W MAX
Rated Power @ 70 V & 100 V	120 W / 180 W MAX	240 W / 360 W MAX
Frequency Response	100 Hz - 16 kHz ± 3 dB	100 Hz - 16 kHz ± 3 dB
THD	< 0,1% @ 1000 Hz, 1/3 rated output power	
Output Impedance	4~16 Ω, 70 V, 100 V	4~16 Ω, 70 V, 100 V
Aux Output	600 mV 1V (0 dBV)	600 mV 1V (0 dBV)
Inputs	Mic 1,2,3: 600 Ω, 6 mV Aux 1,2,3: 10 kΩ, 250 mV	
S/N Ratio	Mic 1,2,3: > 66 dB Aux 1,2,3: > 70 dB	
Input Sensitivity/Impedance	Mic Inputs: 2 mV / 600 Ω Aux Inputs: 150 mV / 1kΩ	
Tone Control	Bass: ± 10 dB @ 100 Hz, Treble: ± 10 dB @ 10 kHz	
Protections	DC Voltage, AC Fuse, Overload, Short circuit	
Muting Function	Mic 1 overrides all other input signals with 0 ~ 30 dB attenuation	
Weight (net)	8 kg	10 kg
Dimensions (H x W x D)	88 x 430 x 260 mm	88 x 430 x 260 mm
Power Supply	230 V AC	230 V AC

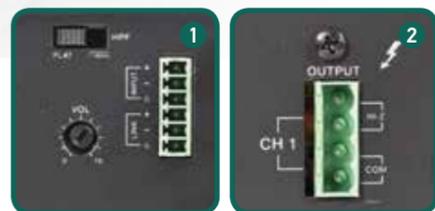


PA SERIES

The PA Series amplifiers are professional single-channel power amplifiers, designed for use in any 100V public address system. They are of 2RU chassis, light weight with constant voltage Hi-z class D amplifier and SMPS. Robust 2RU chassis, require minimum maintenance after installation. Suitable for medium to large public address installations and voice evacuation systems.

FEATURES

- 3 Light weight design with constant voltage Hi-z Class D amplifier
- SMPS (Switching power supply)
- Controls: power switch on the front panel, HPF switch and volume control on the rear panel
- Connectors: Euroblock for balanced input and 100V output
- Indicators: SIG, -10dB, Clip, Protect & Power on
- Protection: OVP, UVP, OCP & OTP
- Cooling: Variable speed fan forced cooling



1. Balanced inputs - volume controller and high pass filter 180 Hz 2. Audio outputs

TECHNICAL SPECIFICATIONS

	PA-120	PA-240
ORDER CODE	870658	870397
Rated Power	120 W RMS	240 W RMS
Output Impedance	100 V (83 Ω)	100 V (42 Ω)
Input Sensitivity / Impedance	0 dB / 20 kΩ balanced	0 dB / 20 kΩ balanced
Frequency Response	100 Hz - 15 kHz	100 Hz - 15 kHz
THD	0,1% @ 1000 Hz, 1/3 rated output power	
S/N Ratio	90 dB	90 dB
Protections	DC Voltage, AC Fuse, Overload, Short circuit	
Muting Function	Mic 1 overrides all other input signals with 0~30dB attenuation	
Weight Net	6 kg	6,2 kg
Dimensions (H x W x D)	88 x 430 x 380 mm	88 x 430 x 380 mm
Power Supply	230 V AC	230 V AC



ONE

Compact design! It is suitable for various applications including retail, education, conference rooms, and commercial installations - even DIY projects. Separate Bass and Treble for customized listening experience. Heavy-duty steel case with mounting tabs allows the amplifier to be installed virtually anywhere. A great compact amp for smaller applications, such as driving a couple of small speakers for your computer or adding a separate zone for your entire house system or small stores.



TECHNICAL SPECIFICATIONS

ORDER CODE	145.012
Output Power (Rated)	2 x 25 W
Output Power (Max.)	2 x 40 W
THD	0,07%
Minimum Speaker Impedance	8 Ω
Signal-to-Noise Ratio	105 db (A-weighted)
Audio Input	Balanced and AUX
Cabinet Material	Metal
Frequency Response (±3db)	30 Hz - 18 kHz
Max. Input Sensitivity	2 VRMS
Power Supply	DC 24 V 2,5 A
Power Plug	Yes
Weight	0,78 kg
Dimensions (H x W x D)	32 x 158 x 110 mm



HOTELS // CAFE BARS - RESTAURANTS // RETAIL SHOPS // CONFERENCE ROOMS

CONFERENCE SYSTEMS

CONFERENCE SYSTEMS

MA2100 SYSTEM

Metro Audio Systems conference system is flexible, easy to install and use, and features excellent sound quality. Whether in a small meeting room without operator or at conferences, MA2100 can satisfy all requirements.



MA-2100SD

Main Unit

ORDER CODE: 115.000

The heart of the system is the control unit MA-2100SD. It is capable of control and power up to 60 microphone units and can be extended to 120 units (via additional extension unit). It is equipped with SD card slot and USB interface for recording and playback. It features 4 operational modes: **a. Limit:** 1/3/6 microphones are allowed to turn on at the same time. **b. FIFO:** First in first out. **c. Chairman:** In this mode, only



chairman can be on, all delegates are off. **d. Free:** All microphones are free to turn on/off. Bluetooth function for wireless connectivity with a tablet, mobile phone etc. is provided among with Record Audio out and Auxiliary Audio in connections. The modern design is practical and suitable for small - medium conferences.

HS-3300C

Chairman Unit

ORDER CODE: 115.001

The chairman unit has the same features with the delegate unit plus the ability to activate the priority function. By pressing the priority button the chairman has the authority to mute all other microphones despite the operational mode the conference is using. The Chairman can also listen to the discussion via headphones connected to the socket provided for this purpose (3,5 mm jack). Extension cables for delegates and chairman units 3 m & 5 m are available for installation purposes.



HS-3300D

Delegate Unit

ORDER CODE: 115.002

The delegates can participate to the discussion by pressing the turn on/off button on their unit (depending on the operational mode the main unit has on). Every delegate unit features a cardioid microphone on a 41cm flexible gooseneck with red light ring at the top as well as a built-in loudspeaker with mute function when the microphone is on. Easy to use with push button to turn on/off with led indicator, volume control and headphones output (3,5 mm jack). Each unit has 2m connection cable attached.



ARF2400

Feedback Suppressor

ORDER CODE: 115.003



The ARF2400 feedback suppressor is equipped with a powerful DSP processor and it is suitable for both permanent and live applications. By using this device you can achieve louder and clearer sound result (of up to 10db above the usual without feedback). It features a feedback suppression algorithm that is activated instantly, right before the feedback occurs without distortion as the phase shift frequency is shifted by only a little. It can handle signal from two mic sources (with phantom power) via an incorporate auto mixer which prevents any feedback while the volume of the

sources is automatically adjusted at the higher possible level. There are two operational modes available. The first one (fast) is addressed to applications where the audio source (microphone) is moving. The second option is used to applications where the microphones are in specific positions and more accuracy is required. Additionally, a calibration function is available if you wish an automatic filter adaption to each installation. Housing in 19" 1U rackmount chassis. Dimensions (H x W x D) 44 x 480 x 230 mm, Weight (net) 3,5 kg.

DA-810

Heavy duty tabletop microphone stand

ORDER CODE: 115.007



DA-810 heavy duty tabletop microphone stand is designed for use with G5 gooseneck microphone (see below). Due to its rugged construction it is very well shock absorbing and holds the mic firm in place. It requires phantom power DC 24-52V and combined with gooseneck microphone it is suitable for conference rooms, teaching rooms, speech halls etc.

Technical Features: • On/off switch with mute attenuation level 58dB • 3-pin XLR Female plug for gooseneck microphone input and 3-pin XLR male output • Insertion loss 1,7 dB • Mute attenuation: 58 dB • Phantom power: DC 24-52V, power consumption of 2 mA • Dimensions (H x W x D) 44 x 120 x 135 mm • Weight: 0,7 kg

G5

Gooseneck microphone

ORDER CODE: 115.006

Metro Audio Systems G5 is designed for high performance audio applications with extremely good intelligibility. It is equipped with a 47cm gooseneck microphone that holds a professional condenser capsule with cardioid polar pattern. Easy to install, it requires phantom power to operate. Suitable for conferences and presentations.

Technical Features: • Frequency: 50 - 20,000 Hz • Max SPL: 100 dB, 1 kHz T.H.D in 1% • Dynamic range (typical): 115 dB, 1 kHz to the highest sound pressure • Signal-to-Noise Ratio: 74 dB, 1 kHz at 1 pa • Output Impedance: 2200 Ω • Polar pattern: cardioid • Phantom power: DC 12 V-52 V, (power consumption 2 mA) • Audio output: balanced 3-pin XLR male • Dimensions : Length 470 mm – diameter 13,2 mm • Weight: 0,1 kg • Accessory: Windshield included



PLUGS
ADAPTORS
CABLES

PX-002PN

ORDER CODE: 534005



3 pin XLR male pearl nickel plated.

PX-001PN

ORDER CODE: 534006



3 pin XLR female pearl nickel plated.

PX-004BK

ORDER CODE: 534065



5 pin XLR male black nickel plated.

PX-003BK

ORDER CODE: 534075



5 pin XLR female black nickel plated.

PJ-001PN

ORDER CODE: 534008



6,3 mm mono Jack male pearl nickel plated.

PJ-002PN

ORDER CODE: 534051



6,3 mm stereo Jack male pearl nickel plated.

PJ-003BK

ORDER CODE: 534052



6,3 mm mono Jack male right angle black nickel plated.

PJ-004BK

ORDER CODE: 534030



6,3 mm stereo Jack male right angle black nickel plated.

PJ-008PN

ORDER CODE: 534070



3,5 mm stereo mini Jack male pearl nickel plated.

PR-002PN

ORDER CODE: 534053



RCA male pearl nickel plated.

S-029

ORDER CODE: 534007



Professional 4 pin Speakon plug.

S-031

ORDER CODE: 534078



Professional 4 pin Speakon plug.

S-023

ORDER CODE: 534055



Professional 4 pin Speakon plug with right angle.

S-016

ORDER CODE: 534090



Professional 4 pin Speakon plug female.

S-008

ORDER CODE: 534054



Professional 4 pin Speakon socket.

A-032

ORDER CODE: 534091



Professional Adaptor 4 pin Speakon female to 4 pin Speakon female.

A-033

ORDER CODE: 430014



Professional Adaptor 3 pin XLR male to 3 pin XLR female.

A-034

ORDER CODE: 534049



Professional Adaptor 3 pin XLR male to 3 pin XLR male.

A-035

ORDER CODE: 534050



Professional Adaptor 3 pin XLR female to 3 pin XLR female.

A-037

ORDER CODE: 534047



Professional Adaptor 3 pin XLR female to 6,3 mm Jack female.

A-038

ORDER CODE: 534048



Professional Adaptor 3 pin XLR male to 6,3 mm Jack female.

A-043

ORDER CODE: 534081



Professional Adaptor 3 pin XLR female to 6,3 mm Jack male.

A-044

ORDER CODE: 534033



Professional Adaptor 3 pin XLR male to 6,3 mm stereo Jack male.

A-045

ORDER CODE: 430010



Professional Adaptor 3 pin XLR female to RCA male.

A-046

ORDER CODE: 430011



Professional Adaptor 3 pin XLR male to RCA male.

A-047

ORDER CODE: 534080



Professional Adaptor 3 pin XLR female to RCA female.

A-048

ORDER CODE: 534046



Professional Adaptor 3 pin XLR male to RCA female.

A-049

ORDER CODE: 430018



Professional Adaptor 5 pin XLR female to 3 pin XLR male.

A-300

ORDER CODE: 430029



Professional Adaptor 5 pin XLR male to 3 pin XLR female.

A-084

ORDER CODE: 534009



Professional Adaptor 6,3 mm mono Jack male to RCA female.

A-086

ORDER CODE: 534010



Professional Adaptor 6,3 mm stereo Jack male to 3,5 mm stereo mini Jack female.

A-087

ORDER CODE: 534011



Professional Adaptor 2 RCA female to 3,5 mm stereo mini Jack male.

A-089

ORDER CODE: 430036



Professional Adaptor 2 x 6,3 mm mono Jack female to 6,3 mm mono Jack male.

A-090

ORDER CODE: 430022



Professional Adaptor 2 x 6,3 mm mono Jack female to 6,3 mm stereo Jack male.

A-064

ORDER CODE: 534035



Professional Adaptor 3,5 mm stereo mini Jack female to 3,5 mm stereo mini Jack female.

A-092

ORDER CODE: 430063



Professional Adaptor 6,3 mm mono Jack female to 3,5 mm mono mini Jack male.

A-093

ORDER CODE: 430017



Professional Adaptor 6,3 mm stereo Jack female to 3,5 mm stereo mini Jack female.

A-091

ORDER CODE: 430027



Professional Adaptor 6,3 mm mono Jack female to RCA male.

A-097

ORDER CODE: 534034



Professional Adaptor 2 RCA female to 2 RCA female (gold plated).

A-099

ORDER CODE: 534092



Professional Adaptor 2 RCA female to RCA male (gold plated).

A-107

ORDER CODE: 534067



Professional Adaptor 2 x 3,5 mm stereo mini Jack female to 3,5 mm stereo mini Jack male.

A-108

ORDER CODE: 534056



Professional Adaptor RJ45 female to 3 pin XLR female.

A-109

ORDER CODE: 534057



Professional Adaptor RJ45 female to 3 pin XLR male.

A-116

ORDER CODE: 534028



Impedance converter 3 pin XLR female with 5 kΩ impedance to 3 pin XLR male with 5 kΩ impedance.

PXX-001/1M

ORDER CODE: 534013



Professional cable with 3 pin XLR male to 3 pin XLR female 1 m.

PXX-001/2M

ORDER CODE: 534042



Professional cable with 3 pin XLR male to 3 pin XLR female 2 m.

PXX-001/5M

ORDER CODE: 534041



Professional cable with 3 pin XLR male to 3 pin XLR female 5 m.

PXX-001/10M

ORDER CODE: 534014



Professional cable with 3 pin XLR male to 3 pin XLR female 10 m.

PXX-001/15M

ORDER CODE: 534025



Professional cable with 3 pin XLR male to 3 pin XLR female 15 m.

PXX-002/1M

ORDER CODE: 430107



Professional cable with 5 pin XLR male to 5 pin XLR female 1 m.

PXJ-005/1M

ORDER CODE: 534027



Professional cable with 3 pin XLR male to 6,3 mm mono Jack male 1 m.

PXJ-006/1M

ORDER CODE: 534063



Professional cable with 3 pin XLR male to 6,3 mm stereo Jack male 1 m.

PXJ-001/3M

ORDER CODE: 534072



Professional cable with 3 pin XLR female to 6,3 mm mono Jack male 3 m.

PXJ-001/1M

ORDER CODE: 534026



Professional cable with 3 pin XLR female to 6,3 mm mono Jack male 1 m.

PXJ-002/1M

ORDER CODE: 534039



Professional cable with 3 pin XLR female to 6,3 mm stereo Jack male 1 m.

PXJ-002/3M

ORDER CODE: 430033



Professional cable with 3 pin XLR female to 6,3 mm stereo Jack male 3 m.

PXR-001/1M

ORDER CODE: 534015



Professional cable with 3 pin XLR female to RCA male 1 m.

PXR-005/1M

ORDER CODE: 534064



Professional cable with 3 pin XLR male to RCA male 1 m.

PXR-005/3M

ORDER CODE: 534066



Professional cable with 3 pin XLR male to RCA male 3 m.

PJJ-003/1M

ORDER CODE: 534036



Professional cable with 6,3 mm mono Jack male to 6,3 mm mono jack male 1 m.

PJJ-003/3M

ORDER CODE: 534037



Professional cable with 6,3 mm mono Jack male to 6,3 mm mono Jack male 3 m.

PJJ-001/1M

ORDER CODE: 534038



Professional cable with 6,3 mm stereo Jack male to 6,3 mm stereo Jack male 1 m.

PJJ-001/2M

ORDER CODE: 534059



Professional cable with 6,3 mm stereo Jack male to 6,3 mm stereo Jack male 2 m.

PMJ-001/1M

ORDER CODE: 534029



Professional cable with 6,3 mm stereo Jack male to 3,5 mm stereo mini jack male 1 m.

PMJ-002/1M

ORDER CODE: 534060



Professional cable with 3,5 mm stereo mini Jack male to 3,5 mm stereo mini Jack male 1 m.

PMJ-002/3M

ORDER CODE: 534061



Professional cable with 3,5 mm stereo mini Jack male to 3,5 mm stereo mini Jack male 3 m.

2R2J-001/3M

ORDER CODE: 534016



Professional cable with 2 x RCA male to 2x6,3 mm mono Jack male 3 m.

Y001/1M

ORDER CODE: 534018



Professional cable with 2 x RCA male to 3,5 mm stereo mini Jack male 1 m.

Y001/3M

ORDER CODE: 534023



Professional cable with 2 x RCA male to 3,5 mm stereo mini Jack male 3 m.

2R2R-001/1M

ORDER CODE: 534040



Professional cable with 2 x RCA male to 2 x RCA male 1 m.

2R2R-001/3M

ORDER CODE: 534017



Professional cable with 2 x RCA male to 2 x RCA male 3 m.

2R2R-001/5M

ORDER CODE: 430041



Professional cable with 2 x RCA male to 2 x RCA male 5 m.

JJ-021-1/3M

ORDER CODE: 534032



Professional cable with 3,5 mm stereo mini Jack male to 3,5 mm stereo mini Jack female 3 m.

SS-001/10M

ORDER CODE: 534073



Professional speaker cable 2 x 1,5 mm with Speakon male to Speakon male (plug S-017).

SS-004/10M

ORDER CODE: 534043



Professional speaker cable 2 x 2,5 mm with Speakon male to Speakon male (plug S-031).

PE-001/3M

ORDER CODE: 534045



Power cord IEC 3 m.

PA-003/15M

ORDER CODE: 534062

Professional power and audio cable with 3 pin XLR male & IEC plug to 3 pin XLR female & power plug 15 m for active speakers.



MC-203BK

ORDER CODE: 534019

Professional balanced microphone cable with spiral shield and flexible PVC jacket.
Conductor drains (mm): OFC 20 x 0,12
Inner conductor section 2 x 0,23 mm²
CABLE O.D. 6,0 mm
Nominal impedance 110 Ω
Color: Black



MC-203OR

ORDER CODE: 534020

Professional balanced microphone cable with spiral shield and flexible PVC jacket.
Conductor drains (mm): OFC 20 x 0,12
Inner conductor section 2 x 0,23 mm²
CABLE O.D. 6,0 mm
Nominal impedance 110 Ω
Color: Orange



MC-203BL

ORDER CODE: 534058

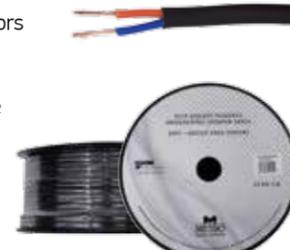
Professional balanced microphone cable with spiral shield and flexible PVC jacket.
Conductor drains (mm): OFC 20 x 0,12
Inner conductor section 2 x 0,23 mm²
CABLE O.D. 6,0 mm
Nominal impedance 110 Ω
Color: Blue



SC-503

ORDER CODE: 534012

High quality 2 twisted conductors professional speaker cable.
Conductors: Bare copper OFC (Oxygen Free Copper)
Conductor section 2 x 1,5 mm²
15AWG
CABLE O.D. 7,0 mm



SC-505

ORDER CODE: 534044

High quality 2 twisted conductors professional speaker cable.
Conductors: Bare copper OFC (Oxygen Free Copper)
Conductor section 2 x 2,5 mm²
13AWG
CABLE O.D. 8,0 mm



SC-539

ORDER CODE: 534068

High quality 2 conductors professional flat speaker cable with flexible PVC over jacket
Conductors: Bare copper/tinned OFC (Oxygen Free Copper)
Inner conductor section 2 x 1,5 mm²
CABLE O.D. 3,5 x 7,0 mm
GAUGE: 15 GA



SC-541

ORDER CODE: 534069

High quality 2 conductors professional flat speaker cable with flexible PVC over jacket
Conductors: Bare copper/tinned OFC (Oxygen Free Copper)
Inner conductor section 2 x 2,5 mm²
CABLE O.D. 3,8 x 7,6 mm
GAUGE: 13 GA



PROFESSIONAL STANDS

PROFESSIONAL STANDS

SS002B SPEAKER STANDS

ORDER CODE: 534074

Speaker Stand

- Material: Aluminium
- Height: 1300 - 2050 mm
- Tube Diameter: Ø 36 mm for standard speaker flange • Load Capacity: 60 kg
- Base Diameter: 1500 mm
- Height adjustment by set screws and safety splint • Weight: 2,8 kg
- Color: Black



SS022 SPEAKER STANDS

ORDER CODE: 534071

Speaker Stand

- Material: Steel • Height: 1400 - 2200 mm
- Tube Diameter: Ø 36 mm for standard speaker flange • Load Capacity: 60 kg
- Base Diameter: 1200 mm • Variable height adjustment takes place easily by a crank with wire rope and additional locking screws for preventing an uncontrolled return
- Weight: 8,5 kg • Color: Black

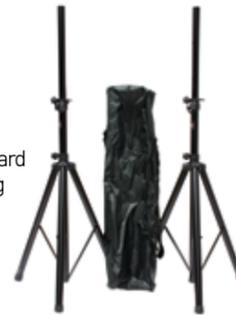


SSPACK03 SPEAKER STANDS

ORDER CODE: 534022

Speaker Stands (Set of 2)

- Material: Aluminium
- Height: 1300 - 2200 mm
- Tube Diameter: Ø 36 mm for standard speaker flange • Load Capacity: 60 kg
- Base Diameter: 1200 mm
- Height adjustment by set screws and safety splint • Weight: 6 kg
- Color: Black



SS014 SPEAKER STANDS

ORDER CODE: 534087

Distance Pole

- Material: Steel
- Height: 800 - 1360 mm
- Tube Diameter: Ø 36 mm for standard speaker flange • Load Capacity: 50 kg
- Height adjustment by means of adjusting screw and safety pin • Weight: 1 kg
- Color: Black



SS024 SPEAKER STANDS

ORDER CODE: 534088

Distance Pole with Thread M18

- Material: Steel
- Height: 800 - 1360 mm
- Tube Diameter: Ø 36 mm for standard speaker flange • Load Capacity: 50 kg
- Height adjustment by means of adjusting screw and safety pin • Weight: 1,3 kg
- Color: Black



H MULTI SPEAKERS WALL MOUNT

ORDER CODE: 710020

Multi Speaker Wallmount H Type

- Material: Steel • Tilt and Swivel
- Adjustable Tilt • Arm Length: 9 cm
- Load Capacity: 20 kg • Wall Plate Dimensions: 125 x 80 mm • Suitable for speaker with back plate with M-points • Weight: 0,65 kg
- Color: Black



L MULTI SPEAKERS WALL MOUNT

ORDER CODE: 710019

Multi Speaker Wallmount L Type (Heavy Duty)

- Material: Steel • Tilt and Swivel
- Adjustable Tilt • Arm Length: 26,3 cm
- Load Capacity: 30 kg • Wall Plate Dimensions: 200 x 100 mm
- Drill Hole Spacing: 90 mm
- Suitable for Ø 36 mm standard flange mount • Weight: 1,5 kg • Color: Black



L10 MULTI SPEAKERS WALL MOUNT

ORDER CODE: 145.021

Multi Speaker Wallmount L Type

- Material: Steel • Tilt and Swivel
- Adjustable Tilt • Arm Length: 19 cm
- Load Capacity: 20 kg • Wall Plate Dimensions: 150 x 90 mm
- Drill Hole Spacing: Ø 10 mm
- Suitable for Ø 36 mm standard flange mount • Weight: 1 kg
- Color: Black



LS-160 LAPTOP STANDS

ORDER CODE: 531075

Laptop Stand

- Ideal for all DJs who use Laptop bigger than 9"
- Width: 235 mm
- Height: 165 - 255 mm
- Weight: 2 kg
- Color: Black



MS026 MICROPHONE STANDS

ORDER CODE: 534086

Microphone Stand with Round Heavy Iron Cast Base

- Height: 850 - 1470 mm
- Metal Foot Diameter: Ø 250 mm
- Weight: 3 kg
- Color: Black



MS080-1 MICROPHONE STANDS

ORDER CODE: 534085

Microphone Stand with Boom Arm 80 cm

- Height: 900 - 1500 mm
- Folding feet with nylon base
- Boom Arm: 800 mm
- Weight: 1,6 kg
- Color: Black



MS006 MICROPHONE STANDS

ORDER CODE: 534004

Microphone Stand with Boom Arm 75 cm

- Height: 1000 - 1650 mm
- Folding feet with die-cast base
- Boom Arm: 750 mm
- Weight: 2,2 kg
- Color: Black



MS033BL MICROPHONE STANDS

ORDER CODE: 534094

Table Top Microphone Stand with Gooseneck

- Height: 315 mm
- Gooseneck Diameter: Ø 15 x 300 mm
- Base Diameter: 130 mm
- Weight: 0,7 kg
- Color: Black



MS059 MICROPHONE STANDS

ORDER CODE: 534093

Gooseneck for Microphones

- Length: 300 mm
- Diameter: 15 mm
- Weight: 0,23 kg
- Color: Silver



MICROPHONE HOLDERS

MS-041

ORDER CODE: 534082

Microphone Clamp for microphones with diameters of 22 - 30 mm



MS-042

ORDER CODE: 534084

Microphone holder for microphones with diameters of 22 - 25 mm



MS-043

ORDER CODE: 534021

Microphone holder for microphones with diameters of 24 - 28 mm



MS-044

ORDER CODE: 534083

Microphone holder for microphones with diameters of 27 - 30 mm



LS016 LIGHTING STANDS

ORDER CODE: 534000

T-Bar Truss for Truss Lifts

- Material: Steel • Arm Dimensions (H x L x D): 350 x 520 x 350 mm
- 2 mounting brackets adjustable (max. distance 400 mm, min. distance 110 mm)
- Tube Diameter: Ø 36 mm
- Weight: 1,6 kg
- Color: Black



LS021 LIGHTING STANDS

ORDER CODE: 534076

T-Bar Truss for Light Stands

- Material: Steel • Arm Dimensions (H x L x D): 20 x 1200 x 40 mm
- With 4 mounting options for spotlight with screws
- Tube Diameter: Ø 36 mm
- Weight: 1,9 kg
- Color: Black



MTS009 LIGHTING STANDS

ORDER CODE: 534077

Wind-Up Stand

- Material: Steel
- Height: 1740 - 4000 m
- Height when folded: 1750 mm
- Tube Diameter: Ø 36 mm
- Load Capacity: 85 kg
- Base Diameter: 1600 mm
- Weight: 25 kg
- Color: Black



MUS006 MUSIC STANDS

ORDER CODE: 534001

Folded Music Stand

- Material: Steel
- Height: 640 - 1270 mm
- Sheet holder dimensions: 505 x 290 mm
- Weight: 1,3 kg
- Color: Black



MUS001 MUSIC STANDS

ORDER CODE: 534002

Orchestra Music Stand

- Material: Steel
- Height: 940 - 1420 mm
- Sheet Holder (with holes) Dimensions (H x L x D): 345 x 475 x 50 mm • Length when folded: approx. 710 mm • Connection parts made of plastic • Weight: 2,8 kg • Color: Black



KS002 MUSIC STANDS

ORDER CODE: 534003

Double-Braced Keyboard Stand in X-shape

- Material: Steel
- Height: 560 - 980 mm
- Arm Length: Ø 28 x 400 mm
- Load Capacity: 45 kg
- Rubber bearing surface
- Weight: 4,5 kg
- Color: Black



KS039BL MUSIC STANDS

ORDER CODE: 534089

Keyboard Stand for 2 Keyboards with microphone stand incorporated

- Sturdy design in Aluminium U-profile
- Functional design with 2 Height-adjustable levels • Feet and outriggers can be collapsed into the stand • Total height: approx. 1260 mm • Length of outriggers: 450 mm • Max load: 20 kg per outrigger
- Weight: approx. 18 kg • Color: Black



SS015 OTHER STANDS

ORDER CODE: 534079

Stand for Studio Monitors

- Material: Steel
- Height: 800 - 1300 mm
- Tube diameter: 35 - 38 mm
- Load Capacity: 50 kg
- Tray dimensions: 350 x 350 mm
- Weight: 7,9 kg
- Color: Black



NOTES

A series of horizontal dotted lines for taking notes.

CONTACT

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Alpha Bank: 351 002 002 002 793 - IBAN: GR3001403510351002002002793

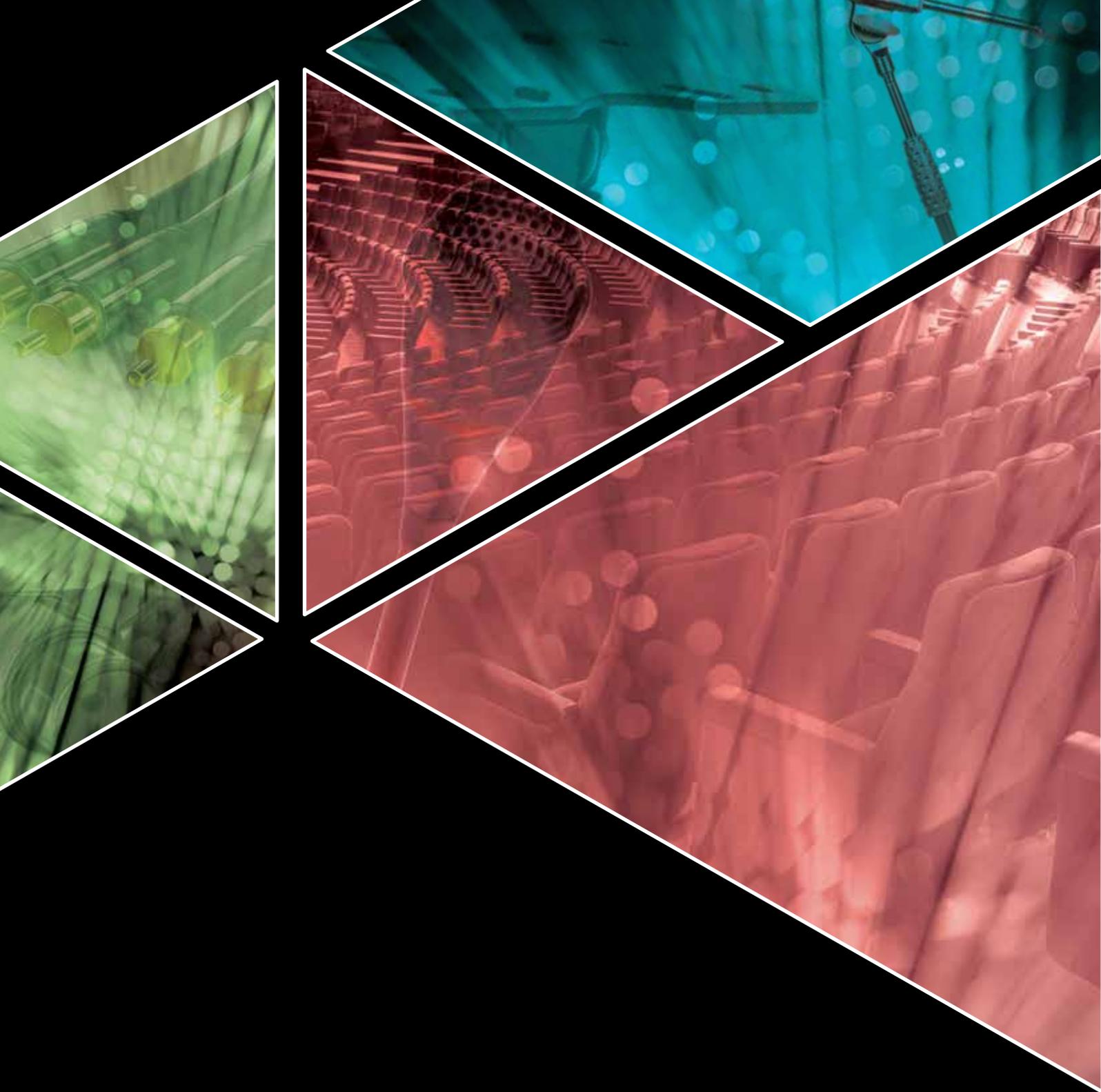
Eurobank: 0026 0215 41 0200541161 - IBAN: GR2202602150000410200541161

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