



# LOUIS MARTIN

Redefining Audio Excellence

Product Brochure 2026

# OBJECTS OF DESIRE

Redefining Professional Audio with Conceptual Sound design



# ITALY LOUIS MARTIN PROFESSIONAL AUDIO LIMITED

Louis Martin Audio represents an exemplary journey of innovation and resilience in the professional audio industry. Established in 2008 at Giambrocono & C.S.P.A, located at Via Rosolino Pilo 19/B, 20129 Milano, Italy, the company began its operations in a modest one-room workshop in Florence, specializing in handcrafted guitar amplifiers. This modest beginning reflected the entrepreneurial vision and creativity of its founders, who aspired to redefine standards in the audio domain.

Distinguished by its adaptability and commitment to technological advancements, Louis Martin Audio consistently embraced innovation to meet the evolving demands of the industry. By expanding its product portfolio and pioneering new technologies, the company established itself as a leader in professional audio solutions.

Today, Louis Martin Audio is celebrated globally for its cutting-edge technology in power amplifiers, loudspeakers, and advanced networked audio solutions. The company has redefined excellence in sound quality and performance, setting benchmarks for the industry. Its journey, from humble origins to global prominence, exemplifies the values of perseverance, visionary leadership, and a relentless pursuit of excellence.



# PRECISION YOU HEAR

## Fiberglass Composite Enclosure

Fiberglass offers superior rigidity-to-weight ratio, enabling tighter transients, reduced cabinet flex, and enhanced sonic detail. Its sculpted form factor also allows for bold visual styling without compromising acoustic performance.

## Dual 10-Inch LF Drivers

Deliver tight, punchy low-end with extended bandwidth and minimal distortion—ideal for music and speech reinforcement.



# POWER YOU FEEL

## Optimized Internal Bracing

Reduces resonance and cabinet coloration, ensuring pure, uncolored sound across the frequency spectrum.

## Custom Waveguide & HF Horn

Provides controlled dispersion and consistent coverage, tailored for both near-field and long-throw applications.



# Line Arrays



## Famous 210

**2X10" TWO-WAY BI-AMP PASSIVE AMPLIFIED  
LINE ARRAY SPEAKER SYSTEM**

**RMS/Peak Power:** LF: 600W/2400W, HF: 150W/600W

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m) :** LF 103 dB , HF: 109 dB

**Max SPL(Continuous):** LF (133dB) , HF (133dB)

**Nominal Impedance:** LF:4 Ohms & HF:4 Ohms

**Dispersion:** 70° / 90° / 110° (H) x 10° (V)

**Dimensions (HxWxD):** 330 x 1100 x 600 mm

**Net Weight:** 50 Kg



# Line Arrays



## Q 50

**1X10" TWO-WAY PASSIVE/BI-AMP  
SWITCHABLE LINE ARRAY SPEAKER  
SYSTEM**

**RMS/Peak Power:** 500W/2000W(Passive);  
LF:350W/1400W, HF:150W/600W (Bi-Amp)

**Frequency Response:** 65Hz-20kHz

**Sensitivity(1W/1m):** 101dB

**Max SPL(Continuous):** 131dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Dimensions (HxWxD):** 286 x 478 x 360 mm

**Net Weight:** 16.8Kg



# Line Arrays



## Q 60

**2X10" TWO-WAY PASSIVE/BI-AMP  
SWITCHABLE LINE ARRAY SPEAKER SYSTEM**

**RMS/Peak Power:** 750W/3000W(Passive);  
LF:600W/2400W,HF:150W/600W(Bi-Amp)

**Frequency Response:** 60Hz-20kHz

**Sensitivity(1W/1m):** 102dB

**Max SPL(Continuous):** 133dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Dimensions (HxWxD):** 286 x 754 x 380 mm

**Net Weight:** 22.8Kg



# Line Arrays



## Q 70

**1X12" TWO-WAY PASSIVE/BI-AMP  
SWITCHABLE LINE ARRAY SPEAKER SYSTEM**

**RMS/Peak Power:** 550W/2200W(Passive);  
LF:400W/1600W, HF:150W/600W (Bi-Amp)

**Frequency Response:** 60Hz-20kHz

**Sensitivity(1W/1m):** 103dB

**Max SPL(Continuous):** 133dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

**Dispersion:** 100° (H) x 10° (V)

**Dimensions (HxWxD):** 348 x 600 x 422 mm

**Net Weight:** 22Kg



# Line Arrays



## Q 80

**2X12" TWO-WAY PASSIVE/BI-AMP  
SWITCHABLE LINE ARRAY SPEAKER SYSTEM**

**RMS/Peak Power:** 1000W/4000W(Passive);  
LF:850W/3400W, HF:150W/600W (Bi-Amp)

**Frequency Response:** 60Hz-20kHz

**Sensitivity(1W/1m):** 103dB

**Max SPL(Continuous):** 136dB(Passive/Bi-Amp)

**Nominal Impedance:** LF : 8 Ohms & HF : 8 Ohms

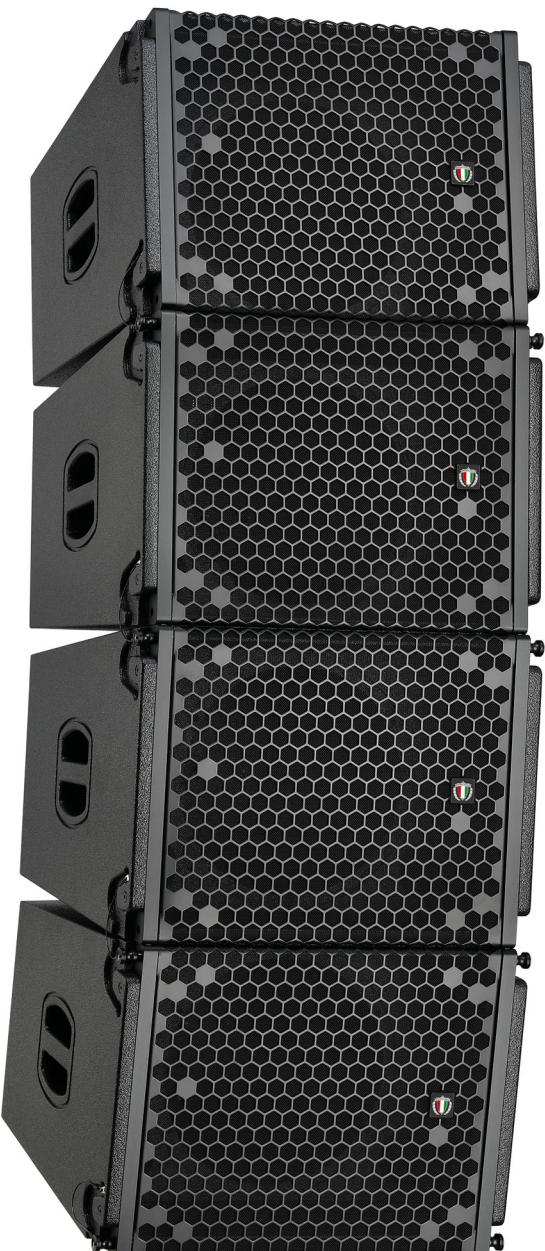
**Dispersion:** 100° (H) x 10° (V)

**Dimensions (HxWxD):** 348 x 910 x 520 mm

**Net Weight:** 36.8 Kg



# Line Arrays



## COX 12

**1X12" PASSIVE CO-AXIAL LINE ARRAY  
SPEAKER SYSTEM**

**RMS/Peak Power:** 450W/1800W (Passive)

**Frequency Response:** 60Hz-19kHz

**Sensitivity(1W/1m):** 98dB

**Max SPL(Continuous):** 127dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 100°(H) x 10° (V)

**Dimensions (HxWxD):** 350 x 500 x 450 mm

**Net Weight:** 22Kg



# Point Source / Red Series



## RED 10

OPTIONAL COLOUR AVAILABLE ON DEMAND

**2X10" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 600W/2400W (Passive)

**Frequency Response:** 65Hz-20kHz

**Sensitivity(1W/1m):** 101dB(1W/1m)

**Max SPL(Continuous):** 131dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Dimensions (HxWxD):** 300 x 800 x 350 mm

**Net Weight:** 38Kg



# Point Source / Red Series

## RED 5.5

OPTIONAL COLOUR AVAILABLE ON DEMAND

**2X5" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 200W/800W (Passive)

**Frequency Response:** 80Hz-19kHz

**Sensitivity(1W/1m):** 96dB

**Max SPL(Continuous):** 121dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** 115° (H) x 70° (V)

**Dimensions (HxWxD):** 200 x320 x 200 mm

**Net Weight:** 9Kg



# Point Source / Red Series

## RED 5

OPTIONAL COLOUR AVAILABLE ON DEMAND

**1X5" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 100W/400W (Passive)

**Frequency Response:** 90Hz-19kHz

**Sensitivity(1W/1m):** 93dB

**Max SPL(Continuous):** 115dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 90° (V)

**Dimensions (HxWxD):** 200 x 200 x 200 mm

**Net Weight:** 6Kg



# Point Source / Red Series

## RED 9

OPTIONAL COLOUR AVAILABLE ON DEMAND

**1X10" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 200W/800W (Passive)

**Frequency Response:** 75Hz-19kHz

**Sensitivity(1W/1m):** 96dB

**Max SPL(Continuous):** 121dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 70° (H) x 70° (V)

**Dimensions (HxWxD):** 310 x 320 x 310 mm

**Net Weight:** 15Kg



# Point Source / Red Series



## RED 12

OPTIONAL COLOUR AVAILABLE ON DEMAND

**1X12" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 250W/1000W (Passive)

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m):** 97dB

**Max SPL(Continuous):** 123dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 70° (H) x 70° (V)

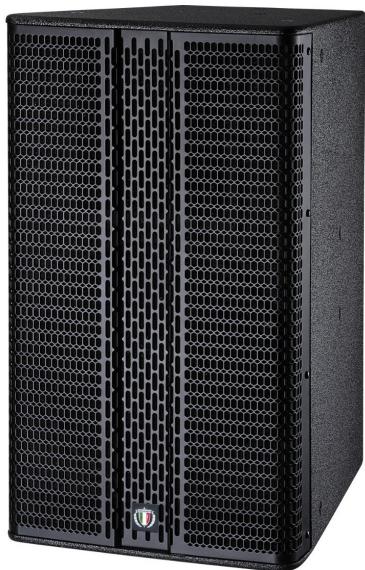
**Dimensions (HxWxD):** 350 x 350 x 330 mm

**Net Weight:** 18Kg



# Point Source / F Series

## F8



PASSIVE FULL-RANGE

**1X8" TWO-WAY PASSIVE FULL-RANGE HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 100W/400W (Passive)

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m):** 93dB

**Max SPL(Continuous):** 115dB

**Nominal Impedance:** 8 Ohms

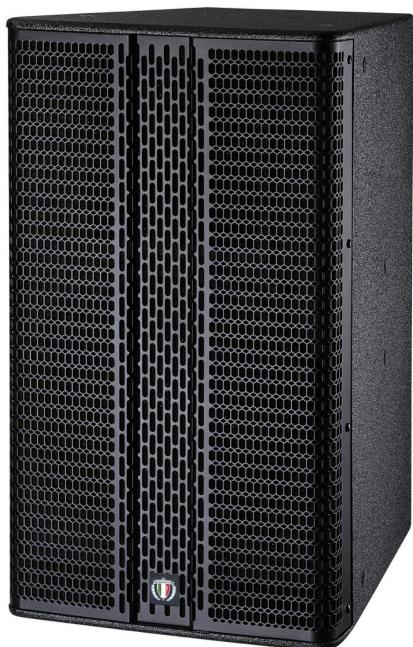
**Dispersion:** 90° (H) x 50° (V)

**Dimensions (HxWxD):** 435 x 299 x 269 mm

**Net Weight:** 12Kg



# Point Source / F Series



## F10

PASSIVE FULL-RANGE

**1X10" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 300W/1200W (Passive)

**Frequency Response:** 60Hz-19kHz

**Sensitivity(1W/1m):** 96dB

**Max SPL(Continuous):** 123dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Dimensions (HxWxD):** 500 x 351 x 317 mm

**Net Weight:** 17Kg



# Point Source / F Series

## F12



**PASSIVE FULL-RANGE**

**1X12" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 400W/1600W (Passive)

**Frequency Response:** 55Hz-19kHz

**Sensitivity(1W/1m):** 97dB

**Max SPL(Continuous):** 126dB

**Nominal Impedance:** 8 Ohms

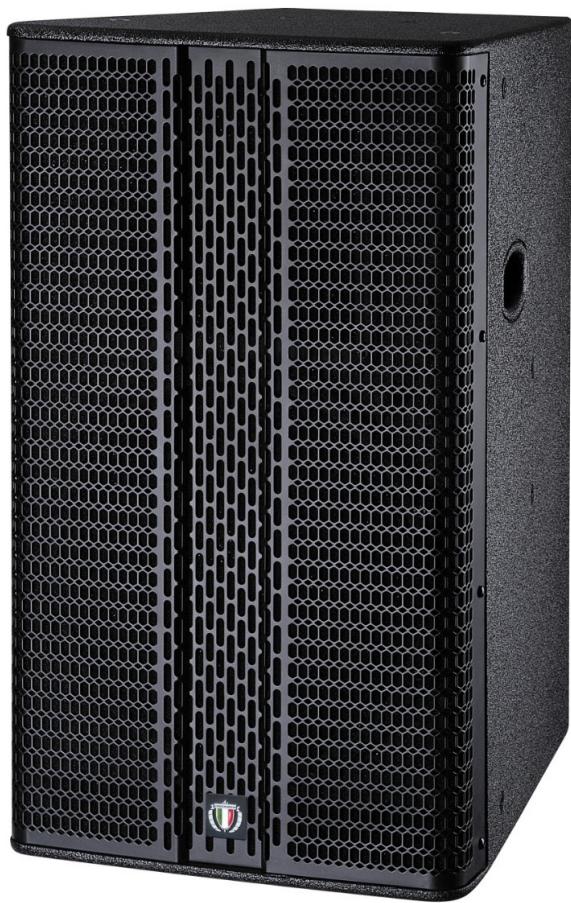
**Dispersion:** 90° (H) x 50° (V)

**Dimensions (HxWxD):** 600 x 398 x 365 mm

**Net Weight:** 25Kg



# Point Source / F Series



## F15

PASSIVE FULL-RANGE

**1X15" TWO-WAY PASSIVE FULL-RANGE  
HIGH POWER LOUDSPEAKER**

**RMS/Peak Power:** 500W/2000W (Passive)

**Frequency Response:** 50Hz-19kHz

**Sensitivity(1W/1m):** 99dB

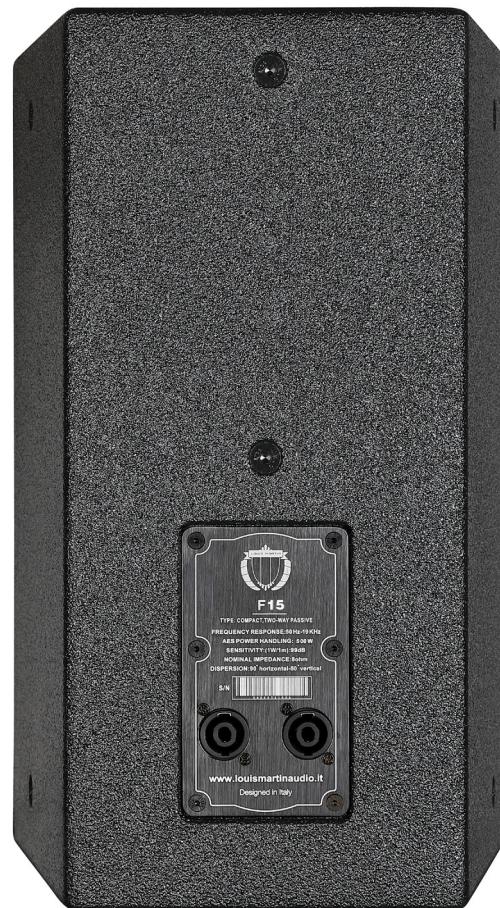
**Max SPL(Continuous):** 129dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Dimensions (HxWxD):** 690 x 470 x 443 mm

**Net Weight:** 30 Kg



# Point Source / F Series

**NEW PRODUCT**

## F12AM

ACTIVE FULL-RANGE

**TWO-WAY COAXIAL FULL RANGE ACTIVE LOUDSPEAKER**



**Amplifier Continuous Power:** 600W

**Frequency Response:** 55 Hz – 19 kHz

**Sensitivity(1W/1m):** 99dB

**Max SPL(Continuous):** 122dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90°(H) x 90°(V)

**Dimensions (HxWxD):** 525 x 410 x 385 mm

**Net Weight:** 21.5 Kg



# Column Speaker/K Series

## K302

**2x3" PASSIVE FULL RANGE COLUMN SPEAKER**

**RMS/Peak Power:** 40W/160W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m):** 91dB

**Max SPL(Continuous):** 110dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Dimensions (HxWxD):** 114 x 101 x 110 mm

**Net Weight:** 2.2Kg



# Column Speaker/K Series

## K304



**4x3" PASSIVE FULL RANGE COLUMN SPEAKER**

**RMS/Peak Power:** 80W/320W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m):** 93dB

**Max SPL(Continuous):** 115dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 50° (V)

**Dimensions (HxWxD):** 439 x 101 x 110 mm

**Net Weight:** 4.1Kg



# Column Speaker/K Series



## K306

**6x3" PASSIVE FULL RANGE COLUMN SPEAKER**

**RMS/Peak Power:** 120W/480W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m):** 95dB

**Max SPL(Continuous):** 118dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 40° (V)

**Dimensions (HxWxD):** 649 x 101 x 110 mm

**Net Weight:** 5.9Kg



# Column Speaker/K Series



## K308

**8x3" PASSIVE FULL RANGE COLUMN SPEAKER**

**RMS/Peak Power:** 160W/640W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m):** 97dB

**Max SPL(Continuous):** 121dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 30° (V)

**Dimensions (HxWxD):** 859 x 101 x 110 mm

**Net Weight:** 7.8Kg



# Column Speaker/K Series



## K312

**12x3" PASSIVE FULL RANGE COLUMN SPEAKER**

**RMS/Peak Power:** 240W/960W (Passive)

**Frequency Response:** 150Hz-18kHz

**Sensitivity(1W/1m):** 99dB

**Max SPL(Continuous):** 125dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 20° (V)

**Dimensions (HxWxD):** 1120 x 101 x 110 mm

**Net Weight:** 10.6Kg



# Commercial Speaker/ Plastic Speaker

## DS5

WEATHER PROOF (BLACK & WHITE)

1X5" TWO-WAY COAXIAL PASSIVE  
FULL-RANGE LOUDSPEAKER (IP 54)

RMS/Peak Power: 100W/400W (Passive)

Frequency Response: 65Hz-19kHz

Sensitivity(1W/1m): 93dB

Max SPL(Continuous): 115dB

Nominal Impedance: 8 Ohms

Dispersion: 115° (H) x 115° (V)

Dimensions (HxWxD): 328 x 192 x 160 mm

Net Weight: 5 Kg



# Commercial Speaker/ Plastic Speaker

## DS8



**WEATHER PROOF (BLACK & WHITE)**

**1X8" TWO-WAY COAXIAL PASSIVE  
FULL-RANGE LOUDSPEAKER (IP 54)**

**RMS/Peak Power:** 150W/600W (Passive)

**Frequency Response:** 60Hz-19kHz

**Sensitivity(1W/1m):** 95dB

**Max SPL(Continuous):** 118dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 115° (H) x 115° (V)

**Dimensions (HxWxD):** 470 x 230 x 260 mm

**Net Weight:** 8Kg



# Commercial Speaker/ Plastic Speaker

## DS12

WEATHER PROOF (BLACK & WHITE)

1X12" TWO-WAY COAXIAL PASSIVE  
FULL-RANGE LOUDSPEAKER (IP 54)



**RMS/Peak Power:** 400W/1600W (Passive)

**Frequency Response:** 70Hz-19kHz

**Sensitivity(1W/1m):** 99dB

**Max SPL(Continuous):** 128dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Dimensions (HxWxD):** 425 x 415 x 435 mm

**Net Weight:** 17 Kg



# Commercial Speaker/ Plastic Speaker

## DS15

WEATHER PROOF (BLACK & WHITE)

1X15" TWO-WAY COAXIAL PASSIVE  
FULL-RANGE LOUDSPEAKER (IP 54)

**RMS/Peak Power:** 500W/2000W (Passive)

**Frequency Response:** 65Hz-19kHz

**Sensitivity(1W/1m):** 102dB

**Max SPL(Continuous):** 132dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** 90° (H) x 60° (V)

**Dimensions (HxWxD):** 490 x 490 x 520 mm

**Net Weight:** 25Kg



# Commercial Speaker/ Plastic Speaker



## HW.6.5

(BLACK & WHITE)

**TWO-WAY FULL RANGE PLASTIC (IP-65)  
WEATHERPROOF LOUDSPEAKER**

**RMS/Peak Power:** 40W / 80W @8 ohms

**Frequency Response:** 65 Hz – 18 kHz

**Sensitivity(1W/1m):** 88 dB

**Max SPL(Continuous/1m):** 109dB

**Transformer Tapping:** 20W-10W-5W-2.5W/100V/8Ω

**Dispersion:** 90° (H) x 60° (V)

**Dimensions (HxWxD):** 328 x 205 x 182 mm

**Net Weight:** 3.2Kg



# Subwoofers



## KS18

### 1X18" HIGH POWER PASSIVE SUBWOOFER

**RMS/Peak Power:** 1000W/4000W (Passive)

**Frequency Response:** 35Hz-120Hz

**Sensitivity(1W/1m):** 98dB

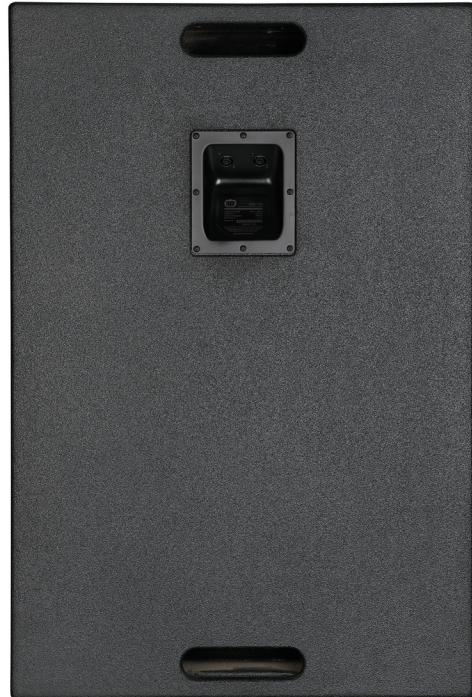
**Max SPL(Continuous):** 131dB

**Nominal Impedance:** 8 Ohms

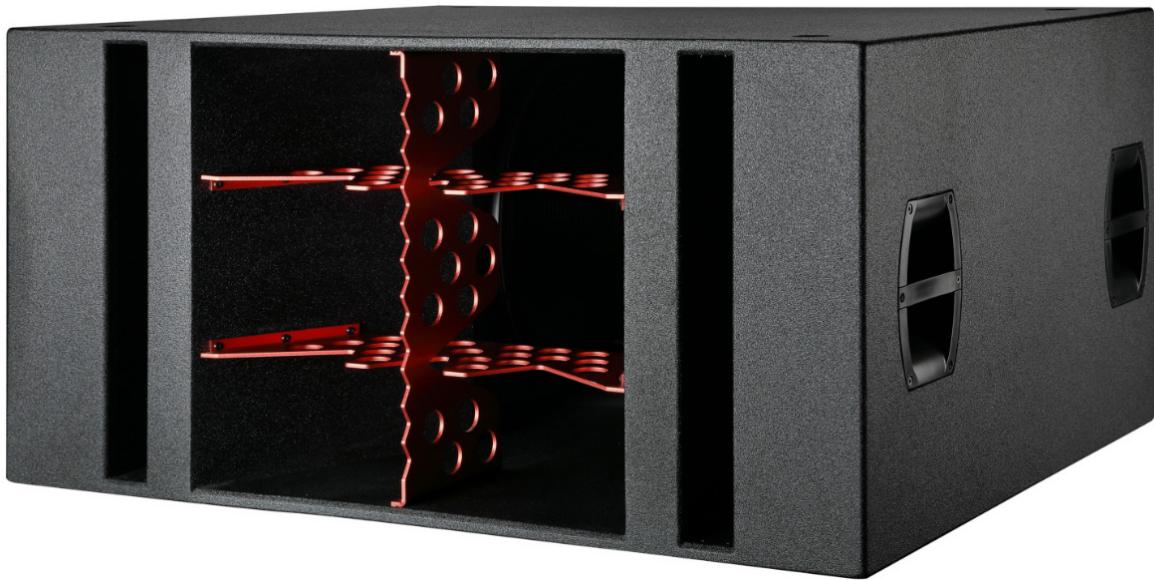
**Dispersion:** Omnidirectional

**Dimensions (HxWxD):** 910 x 610 x710 mm

**Net Weight:** 58 Kg



# Subwoofers



## KS218

### 2X18" HIGH POWER PASSIVE SUBWOOFER

**RMS/Peak Power:** 2000W/8000W (Passive)

**Frequency Response:** 30Hz-120Hz

**Sensitivity(1W/1m):** 102dB

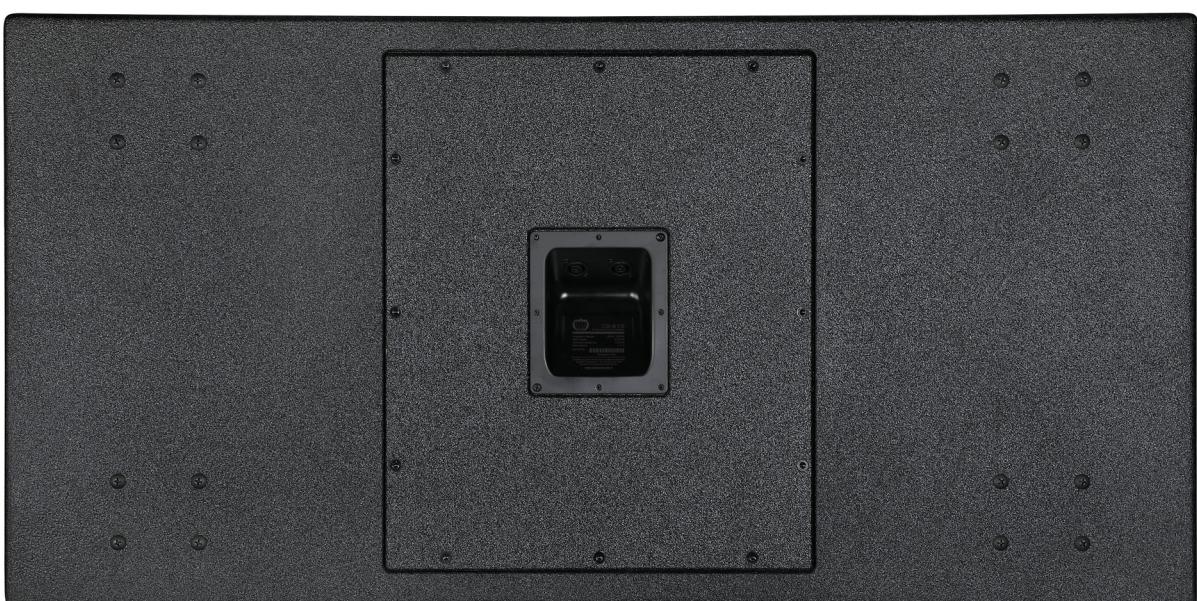
**Max SPL(Continuous):** 138dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** Omnidirectional

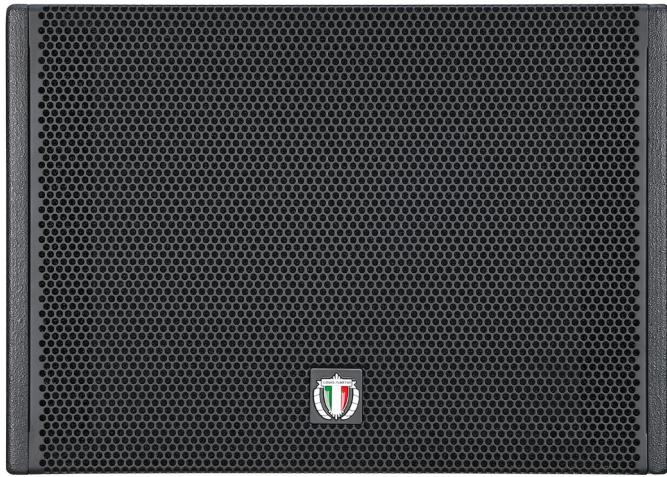
**Dimensions (HxWxD):** 580 x 1160 x890 mm

**Net Weight:** 88Kg



## S12

1X12" HIGH POWER PASSIVE SUBWOOFER



**RMS/Peak Power:** 450W/1800W (Passive)

**Frequency Response:** 38Hz-200Hz

**Sensitivity(1W/1m):** 96dB

**Max SPL(Continuous):** 123dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** Omnidirectional

**Dimensions (HxWxD):** 360x 421x 500 mm

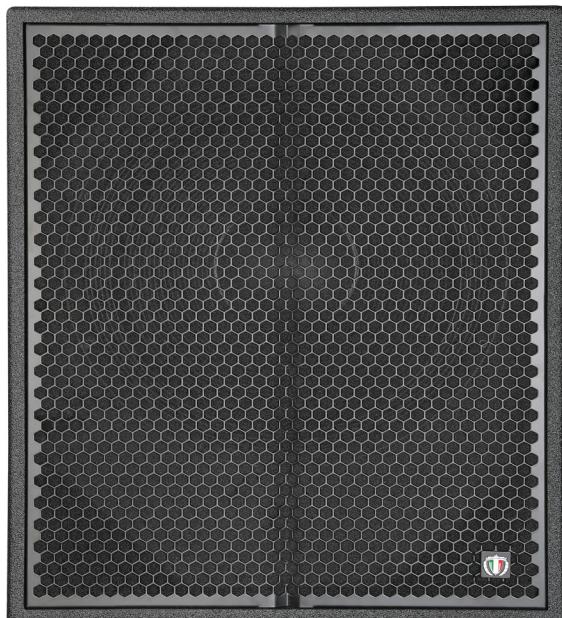
**Net Weight:** 21 Kg



# Subwoofers

## S18

### 1X18" HIGH POWER PASSIVE SUBWOOFER



**RMS/Peak Power:** 1000W/4000W (Passive)

**Frequency Response:** 35Hz-120Hz

**Sensitivity(1W/1m):** 97dB

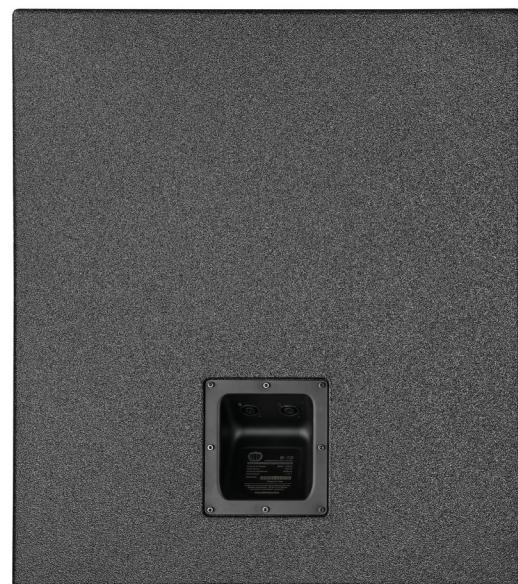
**Max SPL(Continuous):** 129dB

**Nominal Impedance:** 8 Ohms

**Dispersion:** Omnidirectional

**Dimensions (HxWxD):** 551x 671x 700 mm

**Net Weight:** 48 Kg



# Subwoofers



## S218

**2X18" HIGH POWER PASSIVE SUBWOOFER**

**RMS/Peak Power:** 2000W/8000W (Passive)

**Frequency Response:** 35Hz-120Hz

**Sensitivity(1W/1m):** 100dB

**Max SPL(Continuous):** 138dB

**Nominal Impedance:** 4 Ohms

**Dispersion:** Omnidirectional

**Dimensions (HxWxD):** 580 x 1160 x890 mm

**Net Weight:** 80Kg



# Power Amplifiers

**NEW PRODUCT**

We offer amplifiers tailored for a variety of applications, from live concerts to installations. Each amplifier is meticulously designed with high-quality components, ensuring exceptional dynamic power and long-term reliability. Our commitment to precision engineering guarantees superior performance and sustainability over many years.

## PL Series

The **PL Series amplifier** is multi-channel professional built-in Digital Signal Processor (**DSP**) **Class – D** amplifier, meticulously designed to ensure outstanding reliability and performance. Thanks to the automatic temperature control and unique limiting functions that gives high efficiency to ensures that the PL series amplifiers operate efficiently, minimizing power loss and heat generation, and designed for long-term use, these amplifiers offer consistent performance and durability, making them a reliable choice for professional audio applications such as concerts and live performances, entertainment venues, lounges, pubs, bars and auditorium installations with deep, resonant sound.

### Front view



Rear view

**PL 4.1** 1000W×4/8Ω 1600W×4/4Ω

**PL 4.5** 1500W×4/8Ω 2500W×4/4Ω

**Analog Version**

### Front view



Rear view

**PL 1004** 1000W×4/8Ω 1600W×4/4Ω

**PL 1504** 1500W×4/8Ω 2500W×4/4Ω

# D Series

The **D Series** amplifier is a multi-channel professional **Class-D** amplifier, meticulously engineered to deliver exceptional reliability and performance. Its high efficiency is achieved through a combination of automatic temperature control and unique limiting functions, ensuring the amplifier operates efficiently by minimizing power loss and heat generation. Designed for long-term use, the D Series amplifiers offer consistent performance and durability, making them a reliable choice for professional audio installations.

## Front view



## Rear view

**D 200** 250W×2/8Ω 400W×2/4Ω

**D 300** 350W×2/8Ω 600W×2/4Ω

## Front view



## Rear view

**D 4200** 200W×4/8Ω 350W×4/4Ω

**D 4300** 300W×4/8Ω 500W×4/4Ω

# TTA Series

The **TTA Series** amplifier is multi-channel professional amplifier, based on **Class TD** that combine the efficiency of Class D amplifiers with the sonic purity of Class B amplifiers. It tracks the audio signal at all frequencies, providing the required rail voltage with additional headroom that reduces the heat emission and maintain flat response even with complex loads.

## Front view



## Rear view

**TTA 300** 350W×2/8Ω 465W×2/4Ω

**TTA 500** 450W×2/8Ω 750W×2/4Ω

**TTA 600** 650W×2/8Ω 930W×2/4Ω

**TTA 800** 850W×2/8Ω 1250W×2/4Ω

**TTA 1000** 1000W×2/8Ω 1600W×2/4Ω

**TTA 1300** 1300W×2/8Ω 1950W×2/4Ω

## Front view



## Rear view

**TTA 450** 450W×4/8Ω 750W×2/4Ω

**TTA 460** 650W×4/8Ω 930W×2/4Ω

# TIP Series

We offer amplifiers tailored for a variety of applications, from live concerts to installations. Each amplifier is meticulously designed with high-quality components, ensuring exceptional dynamic power and long-term reliability. Our commitment to precision engineering guarantees superior performance and sustainability over many years.

The **TIP Series** amplifier is multi-channel professional **Class – D** amplifier, meticulously designed to ensure outstanding reliability and performance. It has high efficiency due to combination of automatic temperature control and unique limiting functions ensures that the TIP series amplifiers operate efficiently, minimizing power loss and heat generation, and designed for long-term use, these amplifiers offer consistent performance and durability, making them a reliable choice for professional audio applications such as concerts.

## Front view



## Rear view

**TIP 1002** 1000W×2/8Ω 1600W×2/4Ω

**TIP 1302** 1300W×2/8Ω 2000W×2/4Ω

**TIP 1602** 1600W×2/8Ω 2600W×2/4Ω

**TIP 2402** 2400W×2/8Ω 4000W×2/4Ω

# Signal Processing

## DL 2.6

PROFESSIONAL DIGITAL LOUDSPEAKER MANAGEMENT SYSTEM

Fully configurable by its front panel keypad/ LCD screen or by Windows PC

For each input 9-band parametric EQs & for each output 8-band parametric EQs, 48-bit DSP Processing.

**NEW PRODUCT**

### Front view



**Inputs:** 2 Channel electronically balanced

**Outputs:** 6 Channel electronically balanced

**Maximum Level:** +15 dBm

**Dynamic Range:** >100 dB (20 Hz – 20 kHz)

**Maximum Delay:** 500 milliseconds

**Minimum Step:** 0.021 milliseconds

**Gain:** +12 dB ≈ -40 dB, step 0.1 dB

**Parametric Equalizer:** 9 bands on Inputs & 8 bands on Outputs

**Frequency Response:** 20 Hz – 22 kHz ( $\pm 0.2$  dB)

**Signal-to-Noise Ratio:** 110 dB typical (a weighted)

**Dimensions:** 483mm x 160mm x 45mm (H x W x D)

**Weight:** 2.5 Kg



### Rear view

DL 4.8

## NEW PRODUCT

PROFESSIONAL DIGITAL LOUDSPEAKER MANAGEMENT SYSTEM

Fully configurable by its front panel keypad/ LCD screen or by Windows PC

10-band parametric EQs for each input/output & 800 FIR taps per output 64-bit DSP Processing / 96 kHz sample rate.

## Front view



<b>Inputs:</b>	4 Channel electronically balanced XLR + AES3 1 & 2 Phoenix Connector
<b>Outputs:</b>	8 Channel electronically balanced XLR Connector
<b>Input Level (Nominal/Max):</b>	0 dBu / +24 dBu
<b>Dynamic Range:</b>	>120 dB (20 Hz – 20 kHz) (A-Weighted)
<b>Analog Converters:</b>	High Performance 24-bit
<b>FIR Filters:</b>	800 FIR taps per output
<b>Gain:</b>	+12 dB ≈ -40 dB, step 0.1 dB
<b>Parametric Equalizer:</b>	10 bands on Inputs & Outputs
<b>Frequency Response:</b>	20 Hz – 22 kHz ( $\pm 0.2$ dB)
<b>Signal-to-Noise Ratio:</b>	110 dB typical (a weighted)
<b>Dimensions:</b>	485mm x 255mm x 44mm (H x W x D)
<b>Weight:</b>	2.8 Kg



### Rear view



**ITALY LOUIS MARTIN  
PROFESSIONAL AUDIO LIMITED**

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