



LOUIS MARTIN

Redefining Audio Excellence

Product Brochure 2025

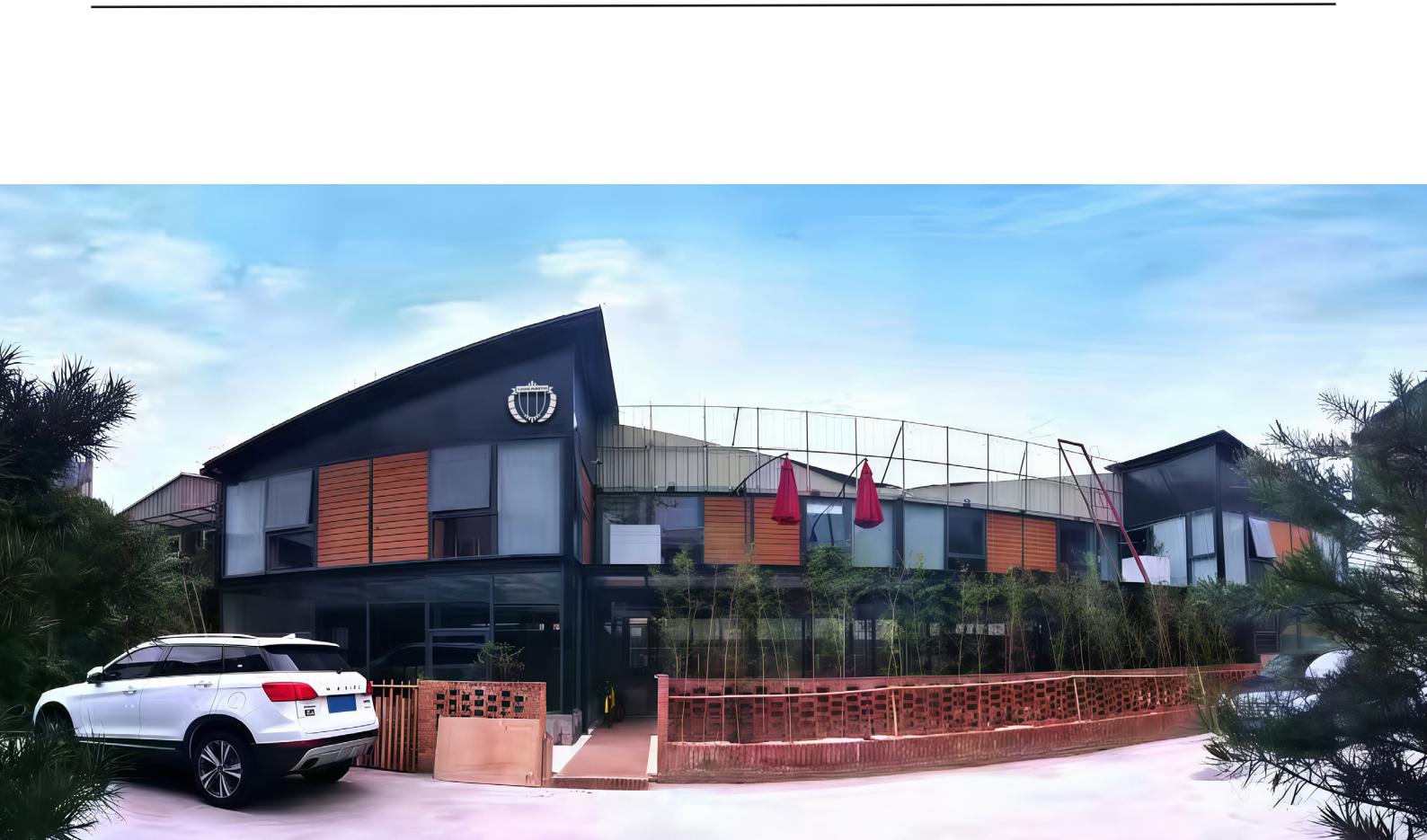
OBJECTS OF DESIRE

Redefining Professional Audio with Conceptual Sound design



ITALY LOUIS MARTIN PROFESSIONAL AUDIO

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.



Point Source

RED 10



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)

Net Weight: 38Kg

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: 70° (H) x 70° (V)

Net Weight: 9Kg

RED 5.5



Point Source

RED 5



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: 70° (H) x 70° (V)

Net Weight: 6Kg

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)

Net Weight: 15Kg

RED 9



Point Source

RED 12



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)

Net Weight: 18Kg

Point Source

F8

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)

Net Weight: 12Kg



Point Source

F10



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)

Net Weight: 17Kg

F12

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)

Net Weight: 25Kg



Point Source

F15



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

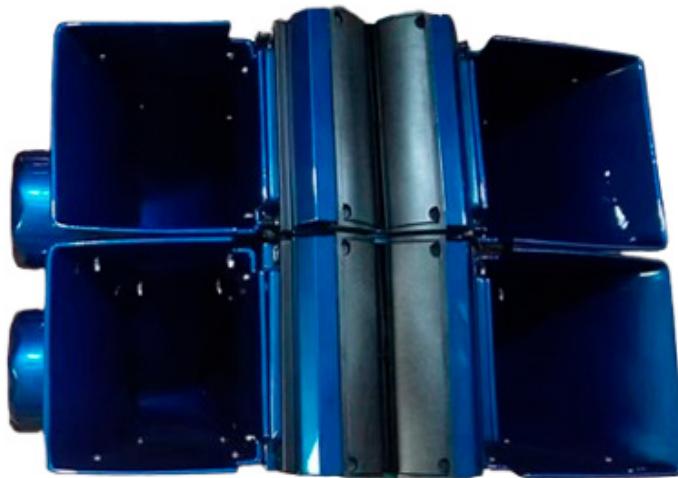
Nominal Impedance: 8 Ohms

Dispersion: 90° (H) x 50° (V)

Net Weight: 30 Kg

Line Arrays

Famous 210



2x10" Two-way Bi-amp Externally 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)

Net Weight: 50 Kg

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)

Net Weight: 16.8Kg



Line Arrays

Q 60

2x10" Two-way Passive/Bi-Amp Switchable Line Array Speaker System

RMS/Peak Power: 650W/2600W(Passive);
LF:500W/2000W, HF:150W/600W(Bi-Amp)

Frequency Response: 60Hz-20kHz



Sensitivity(1W/1m) : 102dB

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

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

Dispersion: 100° (H) x 10° (V)

Net Weight: 22.8Kg

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)

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:700W/2800W, HF:300W/1200W (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)

Net Weight: 36.8 Kg

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)

Net Weight: 22Kg



Column Speaker

K302

2x1.75" 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)

Net Weight: 2.2Kg

K304

4x1.75" Passive Full Range Column Speaker

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

Frequency Response: 150Hz-18kHz

Sensitivity(1W/1m) : 91dB

Max SPL(Continuous): 113dB

Nominal Impedance: 8 Ohms

Dispersion: 90° (H) x 60° (V)

Net Weight: 4.1Kg



Column Speaker

K306



4x1.75" Passive Full Range Column Speaker

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

Frequency Response: 150Hz-18kHz

Sensitivity(1W/1m) : 91dB

Max SPL(Continuous): 114dB

Nominal Impedance: 8 Ohms

Dispersion: 90° (H) x 60° (V)

Net Weight: 5Kg

K308



4x1.75" Passive Full Range Column Speaker

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

Frequency Response: 150Hz-18kHz

Sensitivity(1W/1m) : 91dB

Max SPL(Continuous): 116dB

Nominal Impedance: 8 Ohms

Dispersion: 90° (H) x 60° (V)

Net Weight: 4.1Kg

Column Speaker

K312



12x1.75" Passive Full Range Column Speaker

RMS/Peak Power: 220W/880W (Passive)

Frequency Response: 150Hz-18kHz

Sensitivity(1W/1m) : 91dB

Max SPL(Continuous): 117dB

Nominal Impedance: 8 Ohms

Dispersion: 90° (H) x 60° (V)

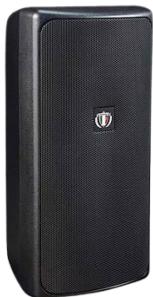
Net Weight: 10.6K

Commercial Speaker/ Plastic Speaker

DS5

1x5" Two-Way Passive Full-Range High Power Loudspeaker

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)

Net Weight: 5 Kg

DS8

1x8" Two-Way Passive Full-Range High Power Loudspeaker

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

Frequency Response: 60Hz-19kHz

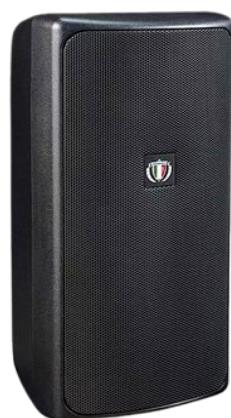
Sensitivity(1W/1m) : 95dB

Max SPL(Continuous): 118dB

Nominal Impedance: 8 Ohms

Dispersion: 90° (H) x 60° (V)

Net Weight: 8Kg



Commercial Speaker/ Plastic Speaker

DS12



1x12" Two-Way Passive Full-Range High Power Loudspeaker (Weather Proof)

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)

Net Weight: 17 Kg

DS15

1x15" Two-Way Passive Full-Range High Power Loudspeaker (Weather Proof)

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)

Net Weight: 25Kg



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

Net Weight: 58 Kg

KS218

2x18" High Power Passive Subwoofer

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

Frequency Response: 30Hz-120Hz

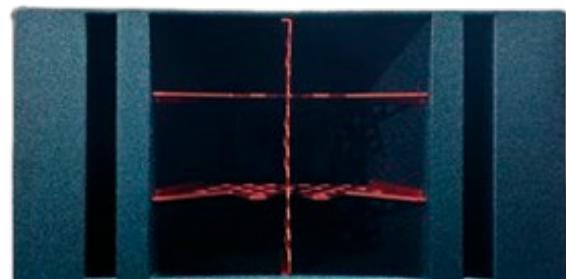
Sensitivity(1W/1m) : 102dB

Max SPL(Continuous): 138dB

Nominal Impedance: 4 Ohms

Dispersion: Omnidirectional

Net Weight: 88Kg



Subwoofers

S18



1x18" High Power Passive Subwoofer

RMS/Peak Power: 750W/3000W (Passive)

Frequency Response: 38Hz-120Hz

Sensitivity(1W/1m) : 96dB

Max SPL(Continuous): 127dB

Nominal Impedance: 8 Ohms

Dispersion: Omnidirectional

Net Weight: 45 Kg

S218

2x18" High Power Passive Subwoofer

RMS/Peak Power: 1500W/6000W (Passive)

Frequency Response: 35Hz-120Hz

Sensitivity(1W/1m) : 102dB

Max SPL(Continuous): 136dB

Nominal Impedance: 4 Ohms

Dispersion: Omnidirectional

Net Weight: 78Kg



Power Amplifiers

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

Model Name

PL 4.1 1000W×4/8Ω 1600W×4/4Ω

PL 4.5 1500W×4/8Ω 2500W×4/4Ω

Power Amplifiers

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

Model Name

D 200 250W×2/8Ω 400W×2/4Ω

D 300 350W×2/8Ω 600W×2/4Ω

D 4200 200W×4/8Ω 350W×4/4Ω

D 4300 300W×4/8Ω 500W×4/4Ω

Power Amplifiers

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

Model Name

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

TTA 450 450W×4/8Ω 750W×2/4Ω

TTA 460 650W×4/8Ω 930W×2/4Ω

Power Amplifiers

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.

TIP Series

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

Model Name

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



High Power Compact Coaxial Line Array System





**ITALY LOUIS MARTIN
PROFESSIONAL AUDIO LIMITED**

Main office

Giambrocono & C.S.P.A, Via Rosolino Pilo 19/B,
20129 Milano, Italy.

www.louismartinaudio.it