MIA SERIES

MIA-X12.116

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 11/06/2026

DAS AUDIO

KEY FEATURES

- 2-way passive 12” coaxial point source system
- Nominal 110° x 60° coverage
- Rotatable HF waveguide
- Frequency range (-10 dB) from 50 Hz to 20 kHz
- Maximum SPL of 130 dB
- Dedicated FIR processing with INTEGRAL-MA

DESCRIPTION

MIA-X12.116 is a 2-way passive coaxial point source system designed to deliver accurate and consistent sound performance in applications where wide, even coverage is required. It features a high-performance 12” coaxial transducer, providing excellent phase coherence and a balanced response across the audible spectrum, with a frequency range of 50 Hz to 20 kHz and a maximum SPL of 130 dB.

The system is equipped with a wide-coverage asymmetric high-frequency waveguide offering a nominal coverage of 110° x 60°. The waveguide can be rotated, allowing the coverage pattern to be adapted to the requirements of each installation while maintaining precise dispersion control in both horizontal and vertical mounting positions. This dispersion pattern is optimized to provide broad, uniform sound distribution, prioritizing listening-area coverage, consistency across zones, and intelligibility.

The high-frequency waveguide has been designed using finite element analysis (FEA) software to ensure smooth coverage transitions and controlled high-frequency dispersion across the entire listening area.

The coaxial loudspeaker employs a 12” low-frequency driver with a 3” voice coil combined with a high-frequency compression driver featuring a 2.5” voice coil. This large voice coil architecture provides very high sensitivity and enables the system to deliver high maximum SPL with stable, controlled response.

With a nominal impedance of 8 Ω, MIA-X12.116 allows up to 4 systems to be connected per amplifier channel, optimizing amplifier channel usage. In addition, its 400 W RMS and 1600 W peak power handling reinforce its output capability in a compact format.

The system is manufactured from high-quality birch plywood with a durable polyurea paint finish. Its multi-angle design allows for flexible mounting in a wide variety of installation configurations, while the black finish enables discreet aesthetic integration into professional installations.

The system is equipped with M5 fixing points on the rear panel, allowing the use of dedicated mounting accessories for wall and/or ceiling installation. These accessories enable precise adjustment of both horizontal and vertical aiming angles, ensuring optimal coverage in each project.

MIA-X12.116 is a compact, high-output, wide-coverage solution for projects where uniform sound distribution, intelligibility, and sound pressure are key factors.

MIA-X12.116

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 11/06/2026

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	50 Hz – 20 kHz
Horizontal Coverage (-6 dB)	110°
Vertical Coverage	60°
Nominal Impedance	8 ohms
RMS Power Handling	400 W
Peak Power Handling	1600 W
On-axis Sensitivity 1W/1 m	98 dB SPL
Maximum Peak SPL at 1 m	130 dB
Recommended Amplifier	INTEGRAL-MA3004 INTEGRAL-MA1502
Recommended Processor	INTEGRAL-MA3004 INTEGRAL-MA1502

Connectors

Audio Input Connector	4-way Phoenix 3.8 mm

MIA-X12.116

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 11/06/2026

DAS AUDIO

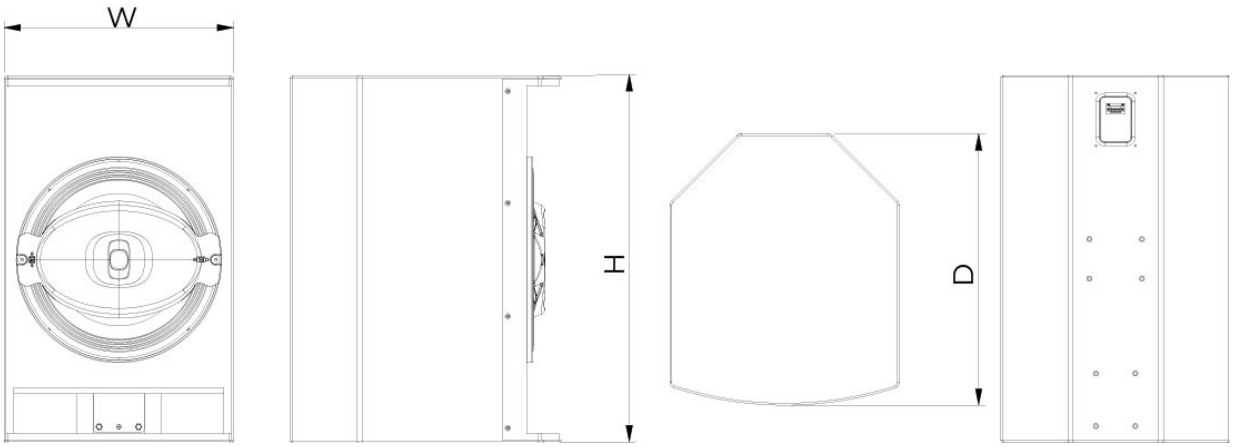
Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Rigging	M5 Thread Inserts
Finish	ISO-flex Paint
Color	Black
Dimensions (H x W x D)	558 x 350 x 413 mm 22,0 x 13,8 x 16,3 in
Net Weight	18,5 kg

Shipping

Carton Dimensions (H x W x D)	645 x 425 x 475 mm 25,4 x 16,8 x 18,7 in
Shipping Weight	21,4 kg (47,2 lb)

DIMENSIONS



MIA-X12.116

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 11/06/2026

ORDERING INFORMATION

Model	Description	P/N
System		
MIA-X12.116		15005741

MIA-X12.116

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 11/06/2026