



AMBIT108 BK

AMBIT106 BK

AMBIT106 WH



AMBIT103 BK

AMBIT ARCHITECTURAL LOUDSPEAKER CABINET SERIES

The AMBIT range is more than just a line of acoustic cabinets for sound reinforcement. AMBIT is the outcome of a study on the present and immediate future needs with respect to background and foreground pro audio applications.

Stores, shopping centres, schools, conference halls, hotels, industries, offices, museums, meeting rooms, hospitals, leisure areas are just some of the places in which AMBIT series can directly be applied. However, ECLER research has gone one step beyond and fully aware of the great variety of areas and situations in which quality music reinforcement is a must, has finally accomplished to fulfil the increasingly demanding requirements of system integrators, retail installers and decorators. Moreover, AMBIT series are IP rated for applications requiring weatherproof loudspeaker cabinets.

A series of discreet cabinets that go unnoticed, blending into their surroundings. The special shape of AMBIT series, with their rear part in the shape of a cut-off pyramid, enables the cabinet to be installed flush in the wall in corner assemblies. Also, the cabinet looks a lot smaller from the front than it actually is, as the back part is hidden from view.

A unique product. No other similar cabinet exists. An ECLER exclusive design that is extremely adaptable to all kind of installation's requirements.

KEY FEATURES

AMBIT103, AMBIT106 and AMBIT108 loudspeakers feature:

- ABS reinforced cabinet available in white and black colours.
- Embedded quality audio transformer for 100V applications.
- 8 Ω / 100V operation selector.
- Included on wall hardware, safety sling, screws and wrench for fast installation.
- Spring loaded input terminals.
 - IP54 (AMBIT103, AMBIT106).
 - IP52 AMBIT108.



AMBIT SB110





TECHNICAL DATA OVERVIEW

AMB103:

2 way 3.5" polypropylene + 1/2" soft dome coaxial tweeter. 25W RMS/8 Ω , 15/7.5/5/2.5W RMS/100V. IP54.

AMB106:

2 way 6.5" polypropylene + 1/2" soft dome coaxial tweeter. 50W RMS/8 Ω , 30/15/7.5/5W RMS/100V. IP54.

AMB108:

2 way 8" polypropylene + 1" soft dome tweeter. 100W RMS/8 Ω , 60/30/15/7.5W RMS/100V. IP52.

AMB S110:

10" bass reflex wooden sub-bass reinforcement. 200W RMS/8 Ω . Internal included 12dB/oct 150Hz cross-over.

APPLICATIONS

Shopping centres.
Retail shops.
PA distributed sound systems.
Clubs, Cafes, Bars foreground/background reinforcement.
Tourist temporary outdoor installations.

ACCESSORIES

A wide range of accessories are available, please check independent brochure for further information

MP106AMB2/WH: 2x AMBIT106 cluster hardware. Available in black and white.

MP106AMB3/WH: 3/6x AMBIT106 cluster hardware. Available in black and white.

MP106AMB4/WH: 4x AMBIT106 cluster hardware. Available in black and white.

MP103AMB2: 2x AMBIT103 cluster hardware. Available in black.

MP103AMB4: 4x AMBIT103 cluster hardware. Available in black.

SR6/WH: on wall bracket for AMBIT108 and MP106AMB2 cluster. Available in black and white.



TECHNICAL CHARACTERISTICS	AMB103	AMB106	AMB108	AMB108	AMB108	AMB SB110
Ways	2	2	2	2	2	1
Nominal low impedance	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
Max RMS power	25W	50W	100W	100W	100W	200W
Program power	50W	100W	200W	200W	200W	400W
Nominal high impedance	100V LINE	100V LINE	100V LINE	100V LINE	100V LINE	-
Power selector	2,5/5/7,5/15W	5/7,5/15/30W	7,5/15/30/60W	7,5/15/30/60W	7,5/15/30/60W	-
Efficiency SPL 1W 1m	87 dB	93 dB	93dB	93dB	93dB	92dB
Frequency response at -3dB @ 8	150Hz ÷ 20kHz	110Hz ÷ 20kHz	90Hz ÷ 22kHz	90Hz ÷ 22kHz	90Hz ÷ 22kHz	78Hz ÷ 320Hz
Dimensions WxHxD (without accessories)	120x120x117mm	210x210x160mm	228x356x240 mm	228x356x240 mm	228x356x240 mm	450x320x420mm
Weight	1,275 Kg	2,75 Kg	6,2kg	6,2kg	6,2kg	15,7Kg

All the characteristics are subject to variation due to production tolerances. ECLER SA reserves the right to make changes or improvements in manufacturing or design that may affect specifications.

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