

APPLICATIONS

Full-range loudspeaker with integrated amplifier module, extremely compact for professional sound installations. Perfect as a front-fill or under-balcony in theatre, or impressive as vocal monitor in conferences and TV studios, such as in various environments and events.

AUDIO

Class AB module, supplies up to 300 + 300 W rms, assuring wide dynamics and very low distortion (THD 0.03%), even in harsh conditions.

IM106 active analogic controller acts as crossover, as limiter for the loudspeakers protection and phase alignment of the trasducers, thus granting the maximum audio fidelity for an agreeable and well focused listening.

Perfect electro-acoustic and mechanical integration for high performance and long-term reliability.

COMPONENTS

Thanks to the co-operation of many important manufacturers AudioFactory offers state of the art technical components.

6" loudspeaker with 1³/₄" coil, neodymium magnet.

1" compression driver with 1³/₄" aluminium coil, neodymium magnet.

6" circular horn (custom made of ABS fiberglass loaded) with tractrix profile.

Large aluminium heatsink ensure thermal stability.

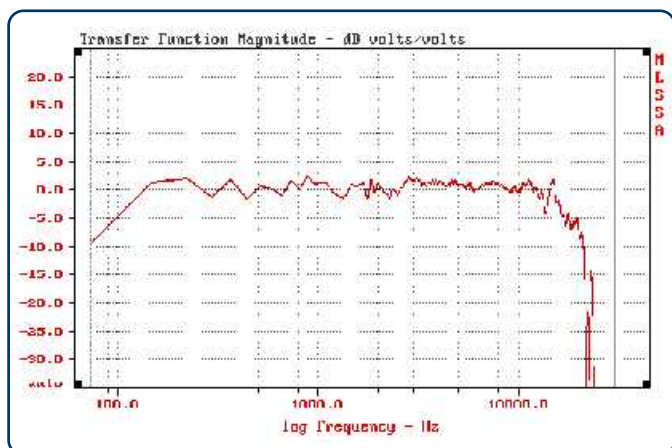
DESIGN

The cabinet is simple, elegant and suitable to be easily installed in any place and situation; compact dimensions and lightweight allow its placing even where the sound diffusion may compromise the set design requirements as in television, theatres, fashion events.

Rated Power:	300 + 300W (8ohm)
Maximum SPL	118 db
Freq Response:	65/18000 Hz (-3db)
Weight:	12.5Kg



Integrated Module IM106



CONSTRUCTION

The cabinet is constructed from 12 and 18mm multi-laminate birch plywood with reinforcements and joints on the junctions.

A2 inox steel screws.

6 threaded inserts for easy hanging up and accessories applications.

Grille of 10/10 galvanized iron sheet EPX painted with reinforcement fold

Only 12.5 Kg weight



FINISH

AudioFactory IM106 is available, as a standard, in structural water based black paint, half matt, scratchproof, which on request can be also painted over with a different water based paint; then it is possible to restore it to its pre-existing finish.

Input sensitivity	+4 dbu; 10K Ohm
Driver HF	1" neodymium; 1"¾ coil
Woofer LF	6" neodymium; 1"¾ coil
Crossover	1650 Hz active
Dispersion	70° conical
Enclosure	Birch plywood 12 and 18 mm
Finish	Textured black matt
Grille	Powder Coated Steel 1mm
Fittings	6 threaded inserts
Connectors	1 XLR input; 1 XLR output; 1 Powercon AC in; 1 powercon AC out
AC input	230V 50/60Hz 526VA
Dimensions	401 x 196 x 278 mm

All AudioFactory products are designed and made in Italy

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