

## APPLICATIONS

Low profile floor monitor designed for a variety of professional applications like live music, conventions, TV shows, theatre installations and everywhere highly performing monitor with compact dimensions is needed.

## AUDIO

The exclusive “Planar Wave Guide”, combined with the tractrix profile horn, provides the M1412 with unique clarity and purity compared with other loudspeakers in this category.

High SPL for a loud and clear listening in any environment.

Low distortion and strong directivity prevents feedback even with high sound pressures generated by the monitor itself.

Optimized frequency response for use as a monitor.

Bi-amp for the best performance and the maximum SPL.

Passive mode: the sound features don't change thanks to the accurate electroacoustic and mechanical design.

## COMPONENTS

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

12” loudspeaker with neodymium magnet and 3” voice coil, long excursion.

1,4” compression driver, neodymium magnet, 3” voice coil and titanium diaphragm.

8” circular horn (custom made of ABS fiberglass loaded) with tractrix profile: this particular shape offers natural sound without alteration of high range; the distortion is reduced thanks to the minimum load of the air interposed to the diaphragm.

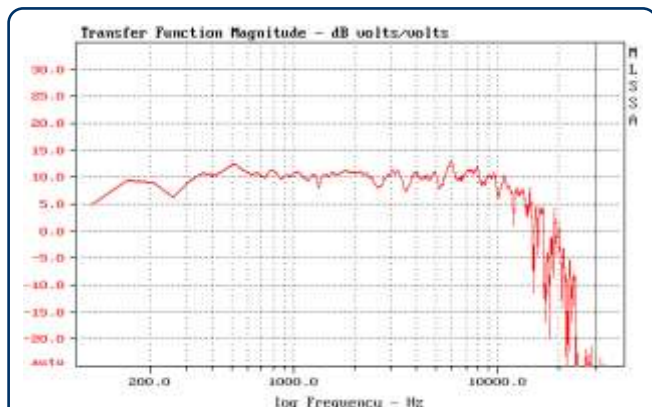
Passive filter with simplified circuit and low tolerance components.

4 speakon connectors embedded in handles for easy wiring in any positions.

Rated Power:	500W (+150W biamp)
Sensitivity:	98db (99db biamp)
Freq. Response:	65-15000 Hz (-3db)
Impedance:	8 Ohm (Biamp: 8ohm LF, 16ohm HF)
Weight:	21.5 Kg



# Monitor Line M1412



Active mode. The loudspeaker is on the ground, the measurement microphone is near the point of listening to the voice. No EQ correction.



AFFC2M1412: practical and strong flight-case; ethafoam shaped for 2 M1412; 6 handles, 4 locks, 4 swivel castors (2 w. stopper). Dimensions: 89 x 49 x 79 cm; 76,5kg (with monitors)

## DESIGN

Thanks to the compact dimension, especially the height from the floor (33 cm only), M1412 can be easily installed in any place and scenographic context.

Reversible and easy to pair on both sides for a wide range of uses.

60° wedge profile, ideal angle for using it as proximity monitor.

## CONSTRUCTION

15mm birch plywood cabinet with reinforcement chains on joints.

A2 inox steel screws

Ergonomic built-in handles and anti-scratch skidproof rubber inserts.

15/10 galvanized, EPX paint, grill with reinforcement fold.

Weight 21.5 kg.

## FINISH

M1412 AudioFactory is available with a structural water based black paint, half matt, scratchproof, which, if needed, can also be painted over with a different water based paint; after that it is possible to restore it to its original state.

Peak Power	1000 W
Maximum SPL	125 db
Driver HF	1.4" neodymium; 3" coil; titanium diaphragm
Woofer LF	12" neodymium; 3" coil
Crossover	1200 Hz att./pass. (with selector)
Dispersion	70° conical (-3 db)
Recommended amplifier	2 x 900W 4 Ohm
Enclosure	multilaminate birch ply 15mm
Finish	Textured black paint
Grille	Powder-coated steel 1.5 mm
Fittings	8 rubber stick
Connectors	4 NL4 Speakon
Dimensions	328 x 589 x 493 mm

All AudioFactory products are designed and made in Italy

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