ACTION 500 series

ACTION-M512A

KEY FEATURES

- Active monitor biamp system
- Dual-channel 1000 Wpeak Class D amplifier
- Birch plywood enclosure
- Durable ISO-flex paint
- DAScontrol™ interface for easy setup and adjustment
- DSP with presets and LCD screen



DESCRIPTION

ACTION-M512A is an active stage monitor designed to deliver a highly versatile solution, from fixed installations to the popular portable monitor application. Its rotatable horn with 80° x 50° dispersion means the enclosure can also be used as a PA.

As part of our company culture, all our systems are developed under a single philosophy: to deliver the highest possible quality in terms of both materials and overall system design. In the ACTION-500 series we use the same birch plywood as our touring systems for a tight, natural warm sound found nowhere else on the market. The series' full range of active tops is complete with two balanced XLR inputs for mic and line, an additional 3.5 mm mini jack input, and a powerCON connection.

The system has a 12MI4 speaker for low frequencies and an M-34 compression driver for high frequencies which, together with the 1000 Wpeak Class D amplifier, deliver outstanding performance. The DAScontrol™ interface uses a high-range 24-bit DSP and rear LCD screen to enable the selection of presets, EQ modes, delay, gain control and signal source mix.

APPLICATIONS

- Live sound reinforcement
- Bands, DJ´s and performers
- Speech and vocals
- Music playback in entertainment
- A/V, conferences and presentations

SPECIFICATIONS

Performance

Frequency Range (-10 dB)	60 Hz - 20 kHz
Horizontal Coverage (-6 dB)	80°
Vertical Coverage	50°
Maximum Peak SPL at 1 m	130 dB

Electronics and Connectors

Nominal Amplifier Power (continuous)	500 W
Nominal Amplifier Power (peak)	1000 W
Input Type	Balanced
Input Impeadance	20 kohms
Input Sensitivity	1.95 V (+8 dBu)
Audio Signal Input Connector	2 x Female XLR
AUX Input	1 x 3.5 mm Mini Jack
Audio Signal Loop Thru Connector	2 x Male XLR
Control	DAScontrol™
AC Output Connector	powerCON NAC3MPB
Current Draw 230 V / 115 V	1.1 A/2.2 A

Enclosure

Enclosure Construction	Birch Plywood
Enclosure Geometry	Trapezoidal
Finish	ISO-flex Paint
Color	Black

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988 Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 22/02/2022

ACTION-M512A

Dimensions (H x W x D)	335 x 650 x 450 mm 13,2 x 25,6 x 17,7 in
Net Weight	19,5 kg (43,0 lb)

Components

LF Driver	12MI4
HF Driver	M-34
Horn/Waveguide	BC-85

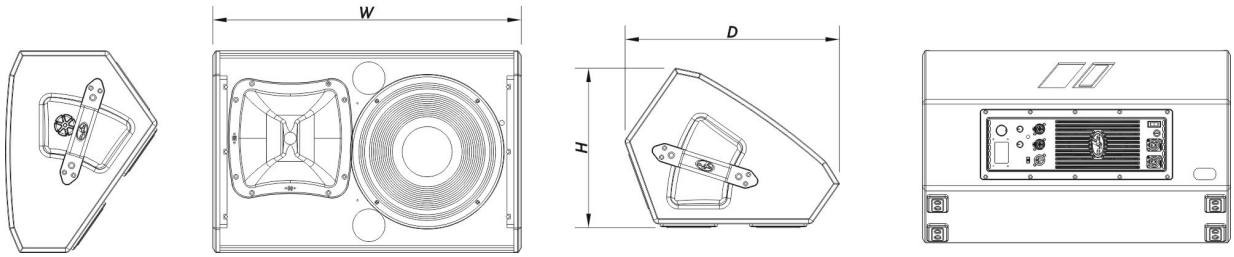
Shipping

Carton Dimensions (H x W x D)	383 x 747 x 503 mm 15,1 x 29,4 x 19,8 in
Shipping Weight	21,5 kg (47,4 lb)

ORDERING INFORMATION

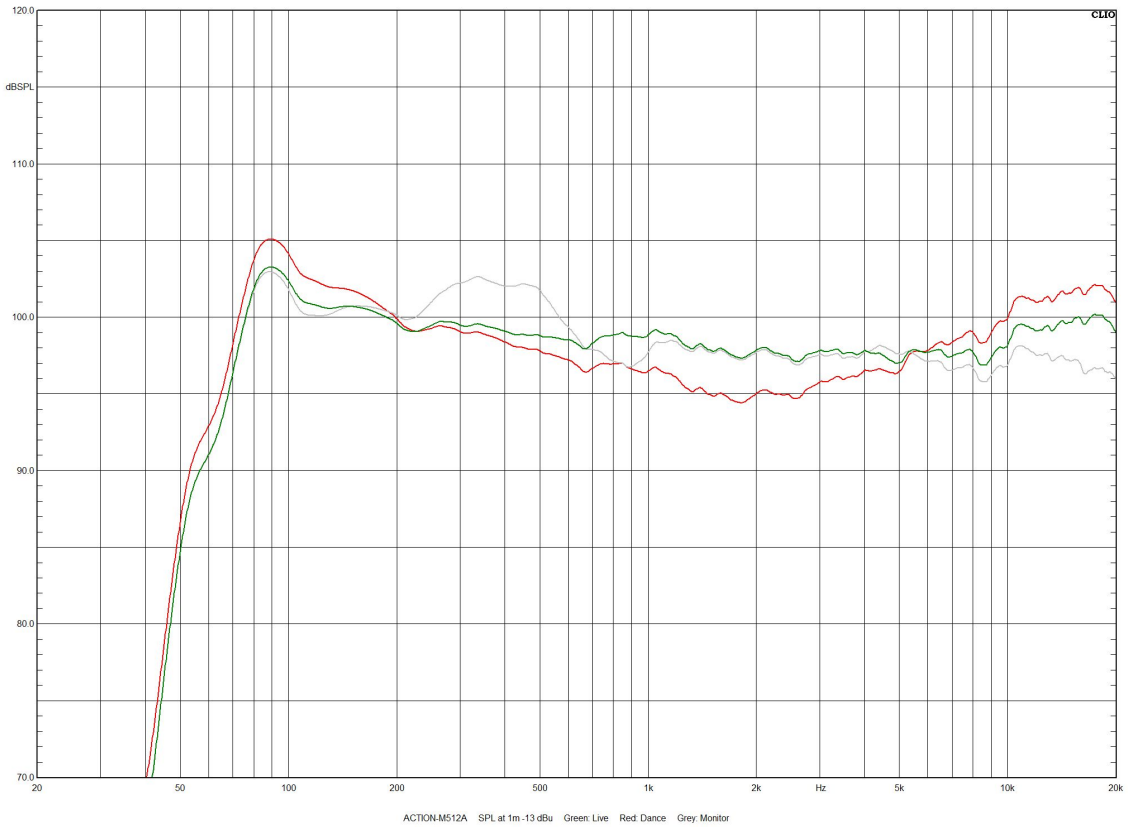
Model	Description	P/N
System		
ACTION-M512A		10427244
Replacement Parts		
12MI4	Cone Transducer	10214320
BC-85	Horn	30003946
DSP-ACTION-M-512A	Dsp	20406592
GM-12MI4	Recone Kit	20208300
GM-M34	Diaphragm	20205060
M-34	Compression Driver	10207080
MP-ACTM512A	Power Module	20406582
Accessories		
FUN-ACTM12	Transport Accessories	10103530
TRD-6	Installation & Stacking Acc.	10104470
TRD-7	Installation & Stacking Acc.	10104471
TRPD-S2-PAK	Installation & Stacking Acc.	10104011

DIMENSIONS

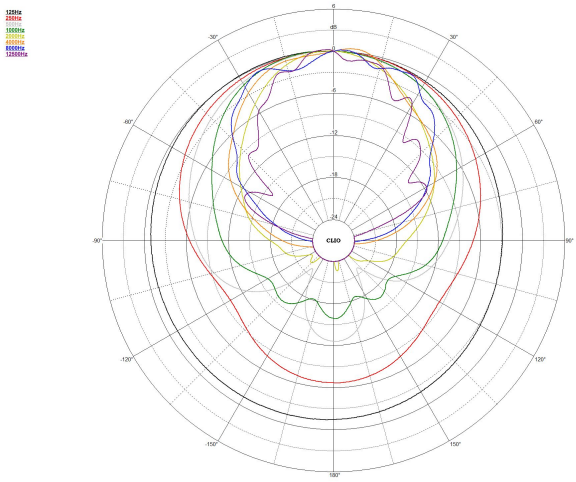


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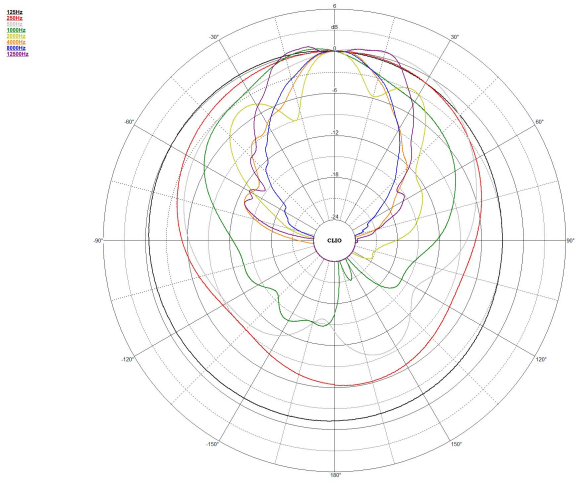
PERFORMANCE DATA



Frecuency response



Horizontal polar data



Vertical polar data