

action M12A

2-way powered stage monitor system



- » **Bi-amplified 2-way system**
- » **Ultra lightweight 1000 W Class D amplifier**
- » **Switch-mode power supply**
- » **Pole mount socket**
- » **Reduced size and weight**
- » **Low-profile design for minimum visual impact**

The Action M12A is a powered stage monitor that incorporates a 12" D.A.S. speaker for bass reproduction. High frequencies are handled by an M-34 compression driver with 1" exit and titanium diaphragm.

The "low profile" enclosure design is made from Birch plywood and finished with a durable black paint. A 35 mm pole mount socket widens the versatility of the Action M12A monitor.

The 1000 W peak power of the Class D amplifier provides extended bandwidth, improved dynamic range and exceptionally low distortion - features hard to find on other systems in this market segment.

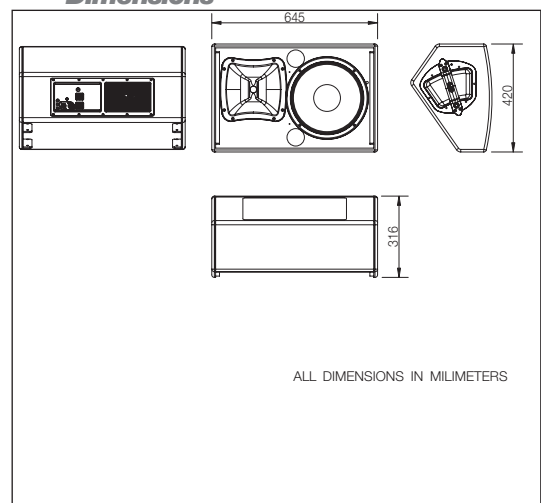
Signal processing is accomplished by way of a powerful 24 bit DSP providing unparalleled control over critical signal parameters.

The Action M12A is protected by two types of limiters - an instantaneous peak limiter to safeguard the systems against spikes and a sonically transparent RMS limiter that controls excessive overpowering and thermal damage to components.

Technical Specifications

Power Amplifier	1000 Wpeak 500 Wcontinuous (Class D Bi-amplified)
Input Type	Balanced Differential Line
Input Impedance	Line: 20 kohms Mic: 20 kohms
Sensitivity 1	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)
On-axis Frequency Range (-10 dB)	60 Hz - 20 kHz
Maximum Peak SPL at 1 meter	130 dB
HF Horn Coverage Angles (-6 dB)	80° x 50° (Rotatable)
Enclosure Material	Birch Plywood
Finish	Black Paint
Transducers/Replacement Parts	LF: 1 x 12Mi/ 12 Mi HF: 1 x M-34/GM M-34
Connectors	INPUT: Female XLR-Jack LOOP THRU: Male XLR AC INPUT: PowerCon NAC 3 FCA
AC Power Requirements	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz
Dimensions (H x W x D)	42 x 64.5 x 31.6 cm 16.6 x 25.4 x 12.5 in
Weight	19 kg (41.8 lb)
Accessories (optional)	TRD-2 TRD-6

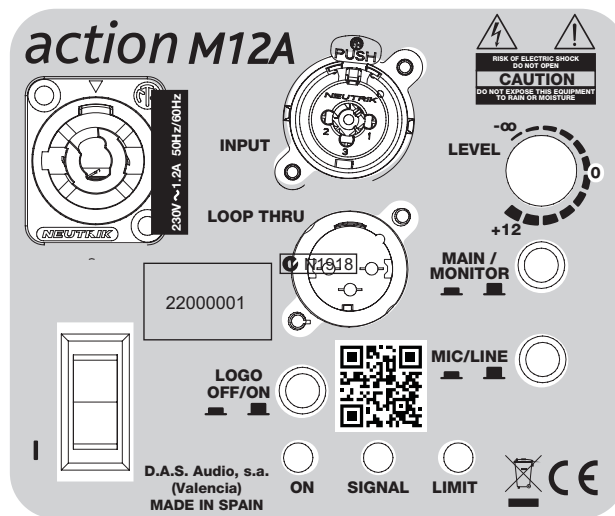
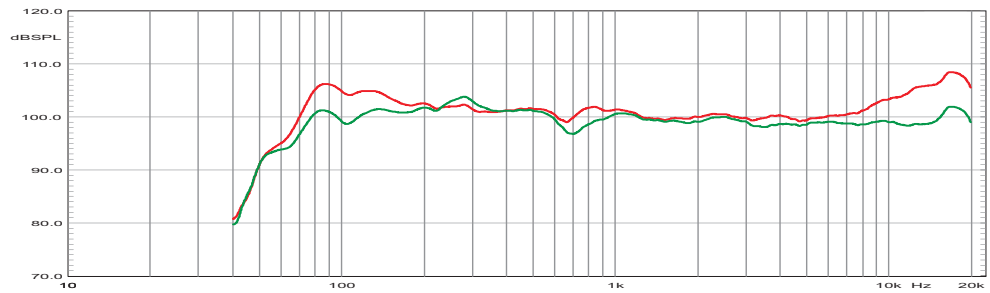
Dimensions



1. Level control at 0 dB.

Frequency Response

Shows the frequency response at 1 m of a unit radiating to an anechoic environment and driven by a swept sine wave signal (-20 dBu input). Green: Monitor. Red: Main



Action M12A input panel

NOTES. Frequency response: referred to 1 m; low end obtained through the use of near field techniques; one-third octave smoothed for correlation with human hearing.

Product improvement through research and development is a continuous process at D.A.S. Audio. All specifications subject to change without notice.