

# action 12A

Powered, compact multipurpose system



- » **Bi-amplified 2-way system**
- » **Ultra lightweight 1000 W Class D amplifier**
- » **Switch-mode power supply**
- » **Pole mount socket**
- » **Reduced size and weight**
- » **Rigging points**

The Action 12A offers a multi-angle enclosure which allows it to be used in stage monitor applications as well as a compact P.A. system.

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.

The 12Mi D.A.S. loudspeaker provides accurate low frequency reproduction. High frequencies are handled by the M-34 compression driver with 1" exit and titanium diaphragm offering excellent performance.

Signal processing is accomplished by way of a powerful

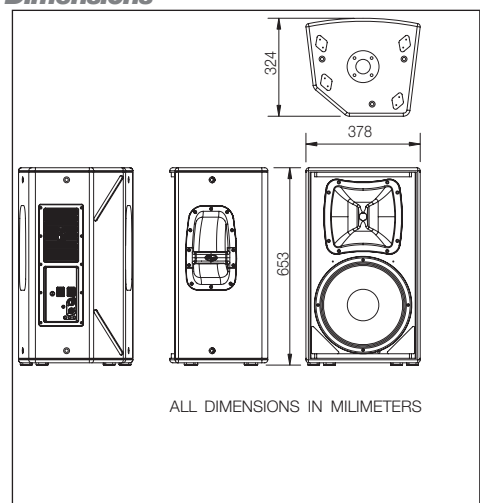
24 bit DSP providing unparalleled control over critical signal parameters.

The Action 12A 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

<b>Power Amplifier</b>	1000 Wpeak 500 Wcontinuous (Class D Bi-amplified)
<b>Input Type</b>	Balanced Differential Line
<b>Input Impedance</b>	Line: 20 kohms Mic: 20 kohms
<b>Sensitivity <sup>1</sup></b>	Line: 1.95 V (+8 dBu) Mic: 20 mV (-32 dBu)
<b>On-axis Frequency Range (-10 dB)</b>	50 Hz - 20 kHz
<b>Maximum Peak SPL at 1 meter</b>	131 dB
<b>HF Horn Coverage Angles (-6 dB)</b>	80° x 50° (Rotatable)
<b>Enclosure Material</b>	Birch Plywood
<b>Finish</b>	Black Paint
<b>Transducers/Replacement Parts</b>	LF: 1 x 12Mi/ 12 Mi HF: 1 x M-34/GM M-34
<b>Connectors</b>	INPUT: Female XLR-Jack LOOP THRU: Male XLR AC INPUT: PowerCon NAC 3 FCA
<b>AC Power Requirements</b>	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz
<b>Dimensions (H x W x D)</b>	65.3 x 37.8 x 32.4 cm 25.7 x 14.9 x 12.8 in
<b>Weight</b>	20 kg (44 lb)
<b>Accessories (optional)</b>	ANL-2 TRD-2 TRD-6

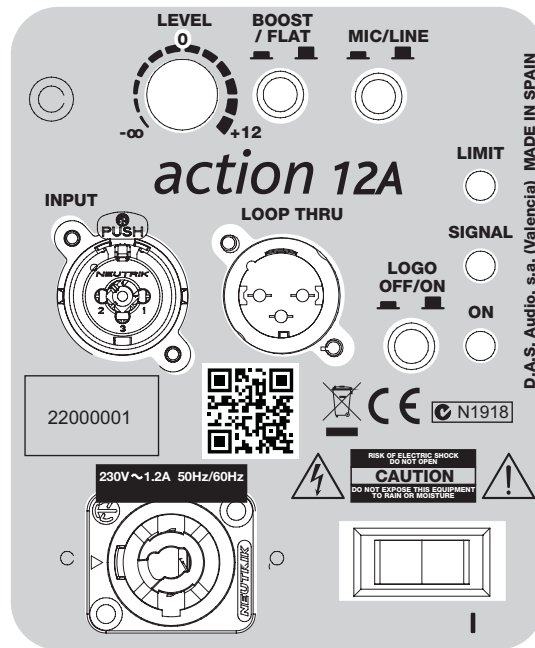
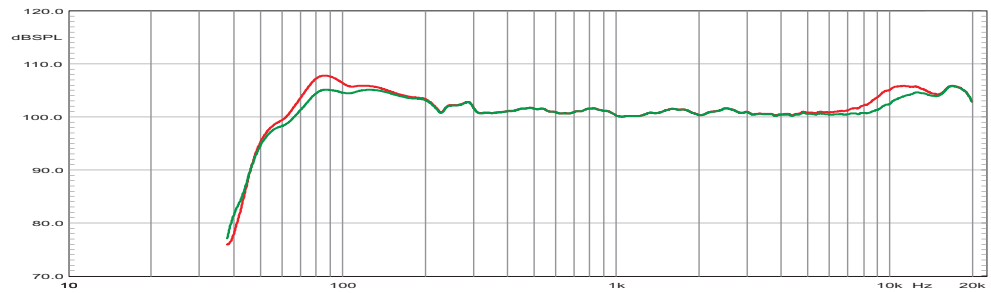
### Dimensions



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: Flat. Red: Boost



**Action 12A 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.*