

action 8A

Powered, compact multipurpose system



- » Bi-amplified 2-way system
- » Ultra lightweight 720 W Class D amplifier
- » Switch-mode power supply
- » Pole mount socket
- » Reduced size and weight
- » Rigging points

The Action 8A offers a multi-angle enclosure which allows it to be used in stage monitor applications as well as a compact P.A. system.

The 720 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 8B4 D.A.S. loudspeaker provides accurate low frequency reproduction. High frequencies are handled by the M-26 compression driver with 1" exit and titanium diaphragm offering excellent performance.

Signal processing is accomplished by way of a powerful

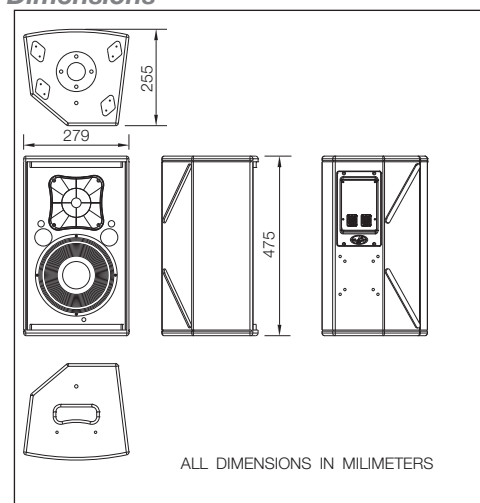
24 bit DSP providing unparalleled control over critical signal parameters.

The Action 8 A 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	720 W _{peak} 360 W _{continuous} (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	120 dB
HF Horn Coverage Angles (-6 dB)	80° x 80° (Rotatable)
Enclosure Material	Birch Plywood
Finish	Black Paint
Transducers/Replacement Parts	LF: 1 x 8B4/ 8B4 HF: 1 x M-26/GM M-26
Connectors	INPUT: Female XLR-Jack LOOP THRU: Male XLR AC INPUT: powerCON NAC 3 FCA
AC Power Requirements	115 V, 1.2 A, 50 Hz/60 Hz 230 V, 0.6 A, 50 Hz/60 Hz
Dimensions (H x W x D)	47.5 x 27.9 x 25.5 cm 18.7 x 11 x 10 in
Weight	9.9 kg (21.8 lb)
Accessories (optional)	AXW-1 TRD-2 TRD-6

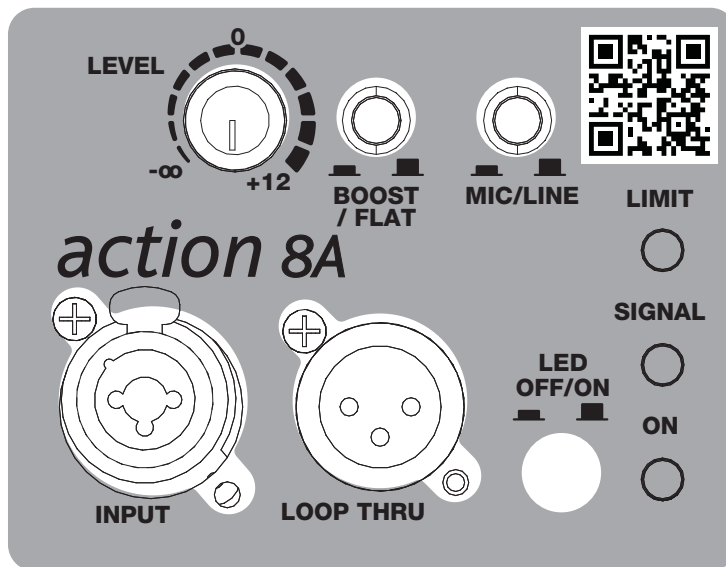
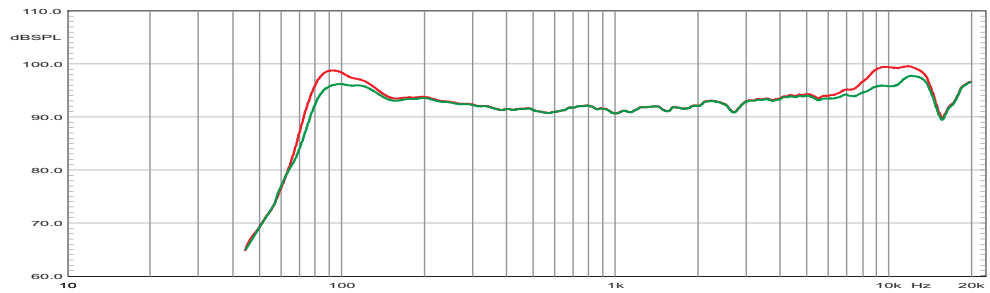
Dimensions



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 8A 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.