inspired audio

Architectural Specification

The Axis AX12 is a compact full range passive stage monitor which has the option of either 35° or 80° face angle, combined with the added flexibility of being stand mounted. The cabinet houses a 12" mid/bass unit that shares a common neodymium magnet structure with a 1.4" exit coaxially mounted HF compression driver. The HF benefits from a CD horn mounted forward of the mid/bass cone offering 60° conical directivity. The AX12 operates as a hybrid passive enclosure, meaning that a passive network works in tandem with DSP from a single channel of an Eflex system amplifier.

The enclosure is manufactured from 15mm birch plywood and coated in a heavy duty polyurea finish. The cabinet front has a protective steel grill coated in a water-resistant powder coat finish which has an acoustically transparent filter medium bonded to its back surface. The enclosures right hand end cheek incorporates a top hat mount for pole or stand mounting housed within a unique omni-directional handle; while the left-hand end cheek features a bar handle to further aid mobility. To help protect the cabinet in transit the cabinet base is fitted with polyethylene runners and there is also the option of a padded transit cover.

Electrical connection to the cabinet is via two parallel linked Neutrik NL4 MP connectors. All Inspired Audio products are designed as an integrated solution complete with system amplifier options from the Eflex range. The Eflex units provide DSP preset functions, networked software control of operating parameters and output drive power. An Eflex Q5 or Q6 will drive two AX12 enclosures per channel, while the Eflex Q20 will drive four AX12 enclosures per channel.

The Reflex speaker range includes complimentary bass options which can be combined with the Axis AX12 to form a fully integrated system solution.

Axis AX12

Mid/bass:	1 off 12" cone driver
HF:	1 off 1.4" compression driver
Frequency response:	60 Hz - 20 kHz
Sensitivity: 1w/1m (Peak):	Mid/bass - 98 dB (130 dB) HF - 110 dB (136 dB)
Power (RMS/Peak):	M/B - 450 w/1800 w HF - 90 w/360 w
Impedance:	Mid/bass - 8 ohms HF - 8 ohms
Directivity:	60° conical (above 1 kHz)
Operation mode:	Hybrid passive
Connection:	2 off Neutrik NL4 MP linked
Wiring protocol (Passive):	1+/1- = Mid/bass (Input) 2+/2- = HF (N/C)
Weight (Packaged):	18.9 kg (20.9 kg)
Dimensions (mm): **Packaged (mm):**	435 w x 530 h x 335 d 480 w x 560 h x 380 d

Options:

- Padded transit cover
- Flightcase for two enclosures

(Peak SPL measurements taken with a crest factor x 4)

Inspired Audio products are designed and manufactured in England. For technical support:
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