



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 cabinet can either be run from a low insertion pad free passive network working in hybrid mode with a system amplifier from the eFlex range or externally switched into the recommended bi-amp mode.

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 enclosure's 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 will drive two AX12 enclosures per channel in passive mode or two per channel pair in active mode while the eFlex Q20 will drive four AX12 enclosures per channel in passive mode or four per channel pair in active mode.

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 - 400 w/1600 w
HF - 90 w/360 w

Impedance: Mid/bass - 8 ohms
HF - 8 ohms

Directivity: 60° conical (above 1 kHz)

Operation mode: Active/passive switchable

Connection: 2 off Neutrik NL4 MP linked

Wiring protocol (Passive): 1+/- = Mid/bass (Input)
2+/- = HF (N/C)

Weight (Packaged): 18.9 kg (20.9 kg)

Dimensions (mm): 435 w x 530 h x 335 d
Packaged (mm): 480 w x 560 h x 380 d

Options:

- o Padded transit cover

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

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

E: chris.scott@inspired-audio.co.uk
or visit the website

W: www.inspired-audio.co.uk

Revision: 10 - (09/02/2016)