

ALF80

HIGH PERFORMANCE DISCREET SUBWOOFER

DATASHEET Rev. 2.6 | 20-03-2026 | E&OE



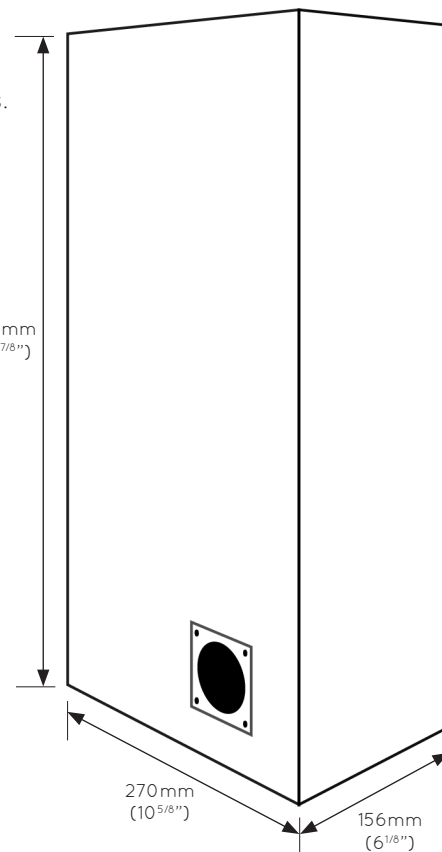
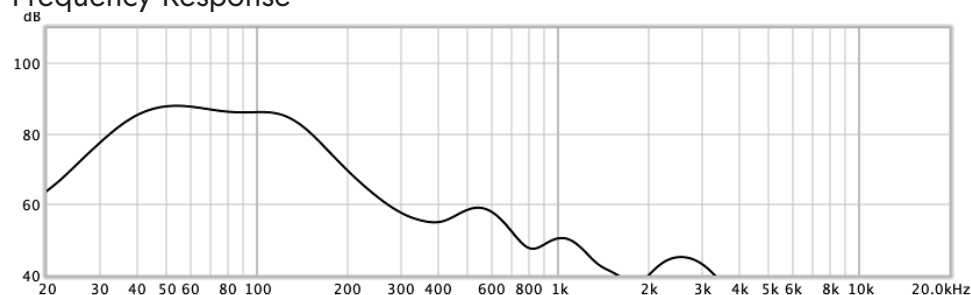
AMINA
IMMERSIVE INVISIBLE SOUND

Product Description

This ALF80 is Amina's mid-range passive subwoofer, delivering a maximum of 106dB SPL @1m (RMS) down to 36.Hz, pairing exceptionally well with all Amina loudspeakers. Utilising a unique adjustable ported design which can be configured to be front, side or end-firing as well as providing up to 110mm of length adjustment to suit different installation requirements, the ALF80 subwoofer easily blends into any room environment.

The ALF80 is provided with metal brackets for mounting directly to studs / joists in walls and ceilings with over 156mm (6 1/8") of cavity depth, as well as a slotted port trim plate for a clean, discreet finish. It may also be installed into cabinetry, behind kickboards or under furniture and is designed to be connected directly to a dedicated full range amplifier output. The ALF80 can be connected in parallel with 4 ohm Amina loudspeakers, requiring a 2 ohm stable amplifier. On-board analog filters mean no additional filtering is required when used in conjunction with Amina invisible loudspeakers, but performance will often benefit from a crossover and room equalisation where a dedicated amplifier output is used. For full installation details please refer to the installation guide.

Frequency Response



Specifications

ALF80

Nominal impedance	4 Ohms
Power handling (continuous/peak)	80W/150W
Sensitivity (@1m/2.83Vrms)	86dB (half space)
Frequency response (-6dB)	55Hz - 140Hz (18dB/octave band-pass)
Max SPL	105dB RMS @ 1m (half space)
Electrical connection	Push button spring terminals
Dimensions	605mm x 270mm x 156mm (23 ^{7/8} " x 10 ^{5/8} " x 6 ^{1/8} ")
Product weight	8.8kg (19lb 7oz)
Port locations	Side, front or end-firing port locations.
Port diameter (inner/outer)	50.8mm (2") / 55.8mm (2 ^{3/16} ")
Port tube length adjustment	110mm (4 ^{5/8} ")
Manufacturer limited warranty	3 years

Amina Technologies Limited

Cirrus House, Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, England

+44 (0) 1480 354390 | info@aminasound.com | www.aminasound.com