

Applications

A-100FN

The P Audio A-100FN is a medium format foreground and background music system designed to provide high quality music reproduction in fixed installation environments. The system is a compact two way design that utilizes a wide bandwidth 6.5 inch (165mm) low frequency transducer and horn loaded high frequency radiator. The A-100FN features a computer optimized crossover designed to provide seamless transition from low frequency to high frequency and also offer high frequency dynamic protection.

The A-100FN is ideal for applications such as restaurants, pubs, retail spaces, aerobics and fitness centers and general music and voice reproduction. The system will provide high fidelity response in installed acoustic environments. The A-100FN offers high sensitivity and the 1 watt at 1 meter sound pressure level rating of 92dB insures ample system output even in noisy acoustic spaces.

The system enclosure is available in either dark blue black and is molded using a very high quality high impact polycarbonate resin. The metal grill provides excellent protection for the system transducers.



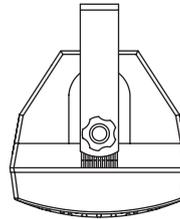
Specifications

GENERAL SPECIFICATION

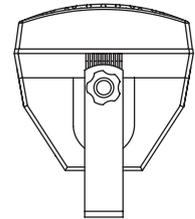
Type	2 Way Full Range Passive Bass Reflex
Power	100 Watt
Nominal Impedance	8 Ohm
Sensitivity (1W@1M)	92 dB
Frequency Response	75Hz – 18 kHz
Dimension (H x W x D)	385mm x 235mm x 215mm (15.2" x 9.3" x 8.5")
Finish Color	Dark Blue , Black or White

PHYSICAL INFORMATION

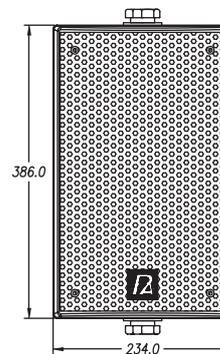
LF Component	6.5" (165 mm) PP Cone Speaker
HF Component	1.2" (30.5 mm) Soft Dome Tweeter
Construction	Injection Molded High Impact Polycarbonate
Grill	Powder Coated Steel Mesh
Connector	1 x Push Terminal
Rigging / Fitting	1 x U-Bracket 2 x Recessed M8 Mounting Point
Standard Packing	2 Pcs / Pack
Unit Weight	5.1 kg (11.2 lbs)
Shipping Weight	11.2 kg (24.7 lbs)
Packing Dimension HxWxD (cm)	38 x 25 x 44 (1.8 cu.ft)



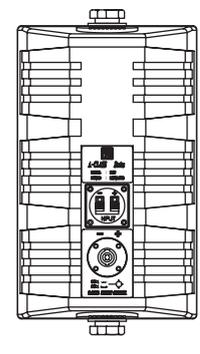
TOP VIEW



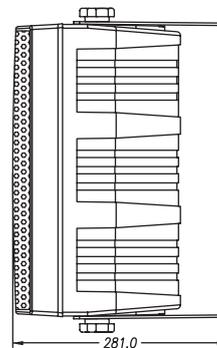
BOTTOM VIEW



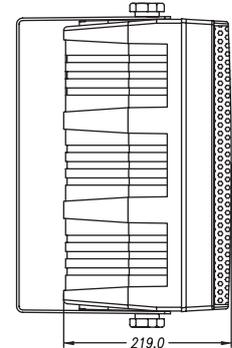
FRONT VIEW



BACK VIEW



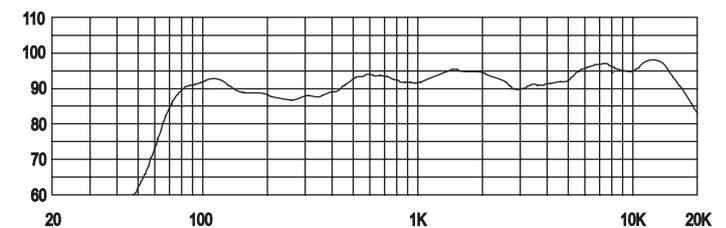
SIDE VIEW



SIDE VIEW

dB SPL

SPL vs FREQ



Frequency Response

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