

Applications

COMPACT 8.3

The Compact 8.3 is a high performance large format foreground and background sound reinforcement system designed for permanent installation in a wide variety of acoustic environments. The extended low frequency response makes the Compact 8.3 ideally suited for retail spaces where high energy music playback is specified. The system is also excellent for larger fitness centers and workout rooms where amplified music supports verbal instruction. The Compact 8.3 presents a very cosmetic design and integrates well into upscale restaurant and pub environments where themed music is a part of the overall experience.

The P Audio Compact 8.3 features an 8 inch (203mm) long throw woofer with a weather resistant coating that also improves mechanical damping of the cone. The woofer utilizes P Audio's renowned high temperature voice coil design to insure both very high power handling and high reliability. The high frequency response is accurate and extended to beyond 18kHz. The HF section features a horn loaded 1 inch (25.4mm) silk diaphragm. The horn loading increases the on axis sensitivity of the system and improves overall system directivity.

The Compact 8.3 enclosure is injection molded and utilizes a very high impact polycarbonate resin. The enclosure is available in both dark gray and white to allow the enclosure to blend into a variety of interior decorating schemes.

The system features a switchable input that features both low impedance, direct drive, as well as multi tap positions for constant voltage distributed system designs. The 4 position switch offers 35 watt, 25 watt, and 15 watt taps for constant voltage designs and an 8 ohm direct position for conventional system drive. The enclosure is supplied with a load tested "U" bracket for permanent installation.



Specifications

GENERAL SPECIFICATION

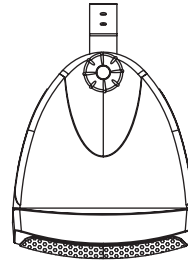
Type	2 Way Full Range Passive Bass Reflex
Power	100 Watt
Nominal Impedance	8 Ohm
Sensitivity (1W@1M)	89 dB
Frequency Response	40Hz – 18 kHz
Dimension (H x W x D)	374mm x 265mm x 302mm (14.7" x 10.4" x 11.9")
Finish Color	Black or White

TRANSFORMER

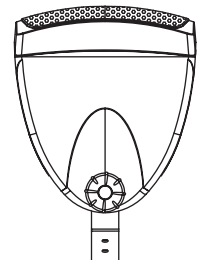
Type	Isolate 15 , 25 , 35 Watt / 100 V
Direct	8 Ohm (Switchable)

PHYSICAL INFORMATION

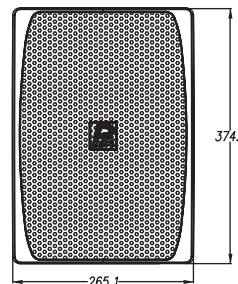
LF Component	8" (203 mm) Cone Speaker
HF Component	1" (25.4 mm) Silk Diaphragm
Construction	Injection Molded High Impact Polycarbonate
Grill	Powder Coated Steel Mesh
Connector	1 x Binding Post
Rigging / Fitting	Mounting "U" Bracket
Standard Packing	2 Pcs / Pack
Unit Weight	5.7 kg (12.5 lbs)
Shipping Weight	13.3 kg (30.0 lbs)
Packing Dimension HxWxD (cm)	35 x 47 x 70 (4.0 cu.ft)



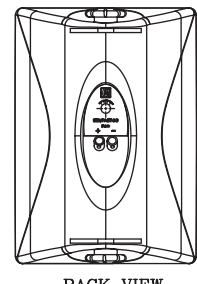
TOP VIEW



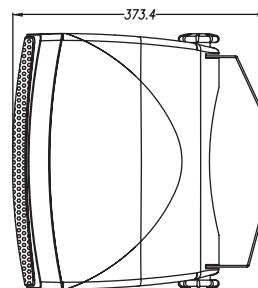
BOTTOM VIEW



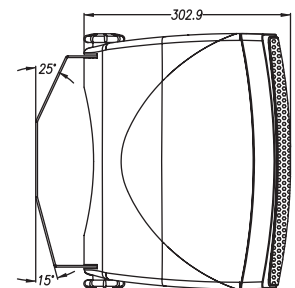
FRONT VIEW



BACK VIEW



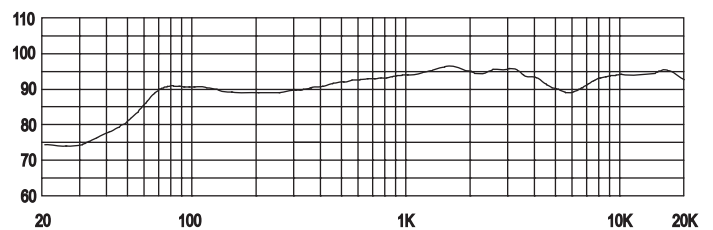
SIDE VIEW



SIDE VIEW

dB SPL

SPL vs FREQ



Frequency Response

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