



PS1090a PRODUCT SPECIFICATIONS

System Type	10" Multi-Purpose, High-Performance 2-Way Powered Loudspeaker
Sensitivity dB @ 2.83 V / 1 M	93 dB
Sensitivity dB @ 1 W / 1 M ²	93 dB
Frequency Response (±3 dB) ³	73 Hz - 20 kHz
Frequency Response (±10 dB) ³	50 Hz
Amp Power	900 W
Tap Selector	n/a
Transducer: Low-Frequency Driver	10" High-Efficiency Weather Treated Woofer
Transducer: High-Frequency Driver	1" Titanium Compression Driver with 90 x 90 Horn Flare
Low-Frequency Voice Coil	2 in. / 50.8 mm
Crossover Frequency	2 kHz
Network Type: Low Pass	12 dB per octave, 2nd order
Network Type: High Pass	12 dB per octave, 2nd order
Enclosure Material	Reinforced Radiata Pine with Weatherized Urethane Bed-Liner Coating
Grille	Weather-Treated Electro-Plated & Powder-Coated Steel Grille (passed MIL-STD-810G test, Method 509)
Inputs	(2) Stereo RCA, (2) Stereo XLR
Colors	Black, White
Length	13.75 in / 349.3 mm
Width	12.6 in / 320.0 mm
Height	19.5 in / 495.3 mm
Weight	40 lbs / 18.1 kg
Packaging	One per box
Included Accessories	n/a
Optional Accessories	Pan & Tilt Surface-Mount Bracket, Fly Mount Kit
IP Rating	n/a
Certifications (Amplifier)	CB+LVD, CE-RED, ERP, FCC ID, IC ID, NRTL, UKCA
Certifications (Speaker)	CE, RoHS, MIL-STD-810G
TAA Compliant (Trade America)	Yes
BAA Compliant (Made in USA)	No

Description

The PS1090a is equipped with a potent 900 W amplifier, featuring DSP and smartphone app control for ultimate sound customization. The PS1090a offers a high-efficiency, weather-treated 10-inch woofer and an advanced compression driver with a 90x90° horn flare to deliver pristine highs and robust bass. Designed for foreground and background applications in nightclubs, live venues, houses of worship or any space that requires powerful installed or portable sound, these speakers blend high performance with exceptional versatility.

Features

- 900 W Integrated DSP Amplifier
- DSP Amplifier control through MSE Sound APP
- One 10" weather-treated, high-efficiency woofer
- One 1" compression driver with 90x90° horn flare
- Weather-Treated Electro-Plated & Powder-Coated Steel Grille (passed MIL-STD-810G test, Method 509)
- Reinforced radiata pine enclosure
- Durable urethane bed-liner coating, available in Black or White
- Optional Accessories: Pan & Tilt Surface-Mount Bracket, Fly Mount Kit
- TAA Compliant -- Proudly made in the USA