



PS1090i PRODUCT SPECIFICATIONS

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| System Type | 10" Multi-Purpose, High-Performance, 2-Way Passive Loudspeaker |
| Impedance (Nominal) ¹ | 8 ohm |
| 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 |
| Max. Program Power ⁴ | 600 W |
| Max. Continuous Power RMS ⁵ | 300 W |
| Tap Selector | n/a |
| Transducer: Low-Frequency Driver | 10" High-Efficiency 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 Urethane Bed-Liner Coating |
| Grille | Electro-Plated & Powder-Coated Steel Grille (passed MIL-STD-810G test, Method 509) |
| Inputs | 4-pin, 5.08 mm Euroblock for individual or daisy chain connection |
| 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 | Terminal Cover Plate, Cable Glands |
| Optional Accessories | Pan & Tilt Surface-Mount Bracket, Fly Mount Kit |
| Certifications | CE, RoHS, MIL-STD-810G |
| TAA Compliant (Trade America) | Yes |
| BAA Compliant (Made in USA) | Yes |

Description

The PS1090i is a high-output, passive 8 ohm speaker with a high-efficiency 10-inch woofer and an advanced compression driver with a 90x90° horn flare to deliver pristine highs and robust bass. With 300 W continuous (600 W peak) of power handling and 93 dB sensitivity, the PS1090i speaker is equipped for the most demanding live or installed audio applications.

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

- One 10" high-efficiency woofer
- One 1" compression driver with 90x90° horn flare
- 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 & BAA Compliant -- Proudly made in the USA

¹ Impedance listed per IEC 60268-5 with a minimum less than 80% the nominal impedance

² 1 W/1 M sensitivity determined using nominal impedance

³ Frequency response measured in half or full space as dictated by speaker mounting configuration

⁴ Max program power is 3 dB above max continuous power

⁵ Continuous power rating, EIA-426-B test

⁶ Max output based on max continuous power