Parasource Powered Series PS12P

Overview



Designed to be the most versatile cabinet in the Parasource Series, the PS12P uses a high power 12-inch woofer (with 3-inch voicecoil) to deliver maximum tone and low frequency response. The focused 85° x 50° (H x V) conical horn delivers improved constant directivity and better midrange response than competitive cabinets in this class.

Integrated DSP ensures the PS12P can operate in any application without complex external processing. A simple one-button high pass filter switch rolls off low frequency material when PS12P is used with any Paraline Series or powered élite System subwoofer. Bass boost delivers remarkably improved bottom end response from the PS12P without cluttering midrange program or affecting the cabinet's overall intelligibility - making it the perfect small speaker solution for larger events where additional subwoofer support is not available.

Innovative multi-band limiting allows the cabinet to deliver maximum output and remarkably event frequency response while protecting the PS12P's speaker components. Unlike competitive powered cabinets, the Parasource Series multi-band limiting scheme ensures essential elements like vocals and solo instruments in the essential midrange band aren't being modulated by transient attacks of low frequency material like kick drums and bass tracks. This delivers an extremely smooth and precise mix even at the highest output levels the cabinet can produce.

Designed for maximum versatility, the PS12P works equally well as a Front-of House cabinet, side fill cabinet or floor monitor. Innovative and highly efficient passive cooling scheme ensures the PS12P will operate in any environment without need of noisy internal dust collecting fans. Integrated reinforced flypoints ensure the PS12P can be flown quickly and easily in any fixed installation.

Rugged yet lightweight ABS cabinet and baffle design ensure unmatched long term reliability in the field.

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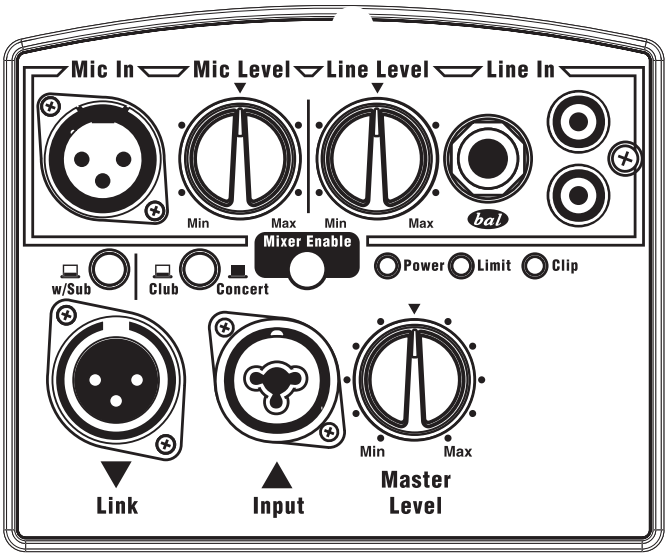
Features

- Integrated 4400 Watt Amplifier (Peak Power - 1400 Watts Program)
- 12-inch Woofer with 3-inch Voicecoil
- 85° x 50° Horn with Thermal and Peak Protection
- 38mm Compression Driver with 1-inch Exit
- Max SPL 133dB Peak (128dB Continuous)
- High Efficiency Bi-Amplified Class-D Power Module
- Passive Cooling Scheme (No Loud Fans Required)
- Designed for Front-of-House or Monitor Applications
- Integrated Two Channel Mini Mixer with XLR Microphone, 1/4-inch and RCA Line Inputs
- Multiband Limiting Delivers Extremely Transparent Listening Experience (Vocals Are Not Modulated By Bass)
- Ergonomic All Metal Handles
- Integrated All Metal Speaker Standmount Adaptor
- Reinforced Flypoints
- Lightweight ABS Cabinet Construction
- Made in Canada





PS12P Rear Panel

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Specifications

System Type	Active Loudspeaker
Active or Passive	Active
Program Power (Watts)	1400 watts (4400 watts peak)
Max SPL (dB)	133dB Peak (128dB Continuous)
Frequency Response (Hz +/- 3dB)	45Hz to 26kHz
Crossover Frequency (Hz)	1.25kHz
Driver Configuration	12-inch / 1-inch
HF Driver(s)	38mm Voicecoil w/ 1-inch Exit
HF Dispersion (°H x °V)	85 x 50
HF Protection	Thermal/Peak Limiter
LF Driver(s)	12-inch (3 inch voicecoil)
LF Protection	Thermal/Multiband Peak Limiter
LF Processing	Dynamic Bass Extension
Cooling Scheme	Passive
Power Cable	Detachable IEC
Power Consumption (typ/max)	2.4A/3.0A @ 120Vac 1.2/2.5 A @230Vac
Inputs	1/4-inch, XLR, RCA
Inputs - 1/4" Jacks	Yes (x2)
Inputs - XLR	Yes (x2)
Input Sensitivity (Vrms Sine)	1.23 Vrms +4dBu
Mixer Controls	Sub Mode HPF, Bass Boost, Mixer Enable
Level Controls	Master Level, Mic Level, Line Level
LED Indicators	Power, Limit, Clip
Bar Handles	Yes
Pole Mount Adapter (1 3/8"-3.5cm)	Yes
Enclosure Materials	ABS
Baffle Material	ABS
Grille	Perforated Metal
Dimensions (DWH xbackW, inches)	13.5 x 16.7 x 26.5
Dimensions (DWH xbackW, cm)	34.3 x 42.5 x 66.7
Weight (lbs/kg)	60 / 26.3

Specifications subject to change without notice