

PVXp™ 10 DSP 510-Watt 10 inch Powered Speaker



OVERVIEW

The PVXp™ 10 DSP features a reliable bi-amped power section that provides a total of 510 Watts of peak available dynamic power. With that much available power, speaker protection is critical. Advanced digital signal compression prevents audible overload, protecting the speakers from harmful distortion at high output levels. This powered enclosure also includes heavy duty speaker drivers; it features a 10" woofer with a 2-3/8" voice coil and a 50 oz. magnet, this is coupled with the RX10N compression driver that includes a 1" diaphragm on a 100-degree horizontal x 60 degree vertical pattern asymmetrical horn. The PVXp™ 10 DSP provides a balanced input via a combination jack that accepts a balanced TRS 1/4" input, as well as a balanced XLR input and summed RCA jacks. There are two balanced Thru outputs, a male XLR and a 1/4" TRS. The LCD display and EQ presets, along with other operating parameters are accessed via a one-knob selector

FEATURES

- Two-way bi-amplified powered speaker system
- 10" heavy-duty woofer with a 2-3/8" voice coil & 50 oz. magnet
- RX™ 10N compression driver, with 1 inch diaphragm
- 380 watts peak dynamic woofer power, 130 watts peak dynamic tweeter power
- DSP processing is 64 bit double-precision
- DSP I/O is at 48 kHz and 24 bits, with low-jitter, professional grade components
- Fan cooled for maximum reliability
- Patented Quadratic Throat Waveguide™ technology, 100 by 60 degree coverage
- Asymmetrical horn aims the sound down 10 degrees, at the audience, not over their heads.
- Input is via a combo female XLR and 1/4" TRS phone jack with balanced input
- A Mic/Line switch provides for two different gain settings
- Thru output is via a male XLR jack and 1/4" TRS phone jack
- Multiple Factory Preset EQ settings
- Rugged plastic injection-molded trapezoidal enclosure
- Full-coverage perforated steel grille, with powder coat finish
- Pole mount molded-in for 1 3/8" diameter poles
- Top and bottom flying point inserts

- Weight Packed: 35.27 lb(16 kg)
- Width Packed: 15.945"(40.5003 cm)
- Height Packed: 22.441"(57.00014 cm)
- Depth Packed: 14.37"(36.4998 cm)