

Cerwin-Vega! P-Series

POWERFUL PORTABLE LOUDSPEAKERS

PRODUCT OVERVIEW

Performance ready and user friendly with power and sound suited for any loudspeaker application, the Cerwin-Vega! P-Series is built tough for portability and equipped with an integrated audio mixer and amplifier housed in a professional appearance cabinet.

Following the Cerwin-Vega! reputation of low distortion at high volume levels, each loudspeaker is carefully voiced and tuned with the capability to adjust the system as desired using ENHANCED EQ and VEGA BASS BOOST settings. The lightweight amplifier is capable of extreme, dynamic power handling and recessed into the loudspeaker taking up less space and reducing transportation time.

Expect big sound everywhere with the Cerwin-Vega! P-Series line of portable powered loudspeakers.



P1500X – 15" Full Range



P1800SX – Subwoofer

FEATURES/BENEFITS

- Fully integrated sound reinforcement system results in a simplified solution to delivering public address, entertainment and performance monitoring
- Rugged enclosure with multiple handle locations makes transport and setup safe and easy
- Full-range and subwoofer models use efficient Cerwin-Vega! woofers for low-frequency bass with punch
- The integrated mixer and efficient amplifier design reduces the amount of gear required for an easier setup and less worry about limited power resources
- Angle-adjustable pole mount socket, side-wedge shaped enclosure and M10-threaded suspension points support a variety of permanent and portable setups
- Stackable design to maximize storage area and thick, powdered coated grill protects the drivers during transportation and storage

Specifications & appearance subject to change.

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 **CERWIN-VEGA!**
The **LOUD** Speaker Company

Cerwin-Vega! P-Series

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MIXER

- Built-in 3-channel mixer with easy to identify controls, and intuitive layout for fast setup and minimal connections
- THRU and MIX outputs for fast 'daisy-chain' connections and system expandability
- User controlled digital filters and ENHANCED EQ allow the system to be tuned to the exact requirements of the event

AMPLIFIER

- P1500X - 1500 Watt Bi-amplifier design and switching power supply delivers premium performance in an efficient and portable design
- The P1800SX subwoofer contains a 2000 Watt amplifier design capable of delivering low-frequency punch
- Built-in limiter with on/off LED indicator provides essential protection to reduce down-time and prevent component damage

SPEAKER

- Proprietary Cerwin-Vega! Hemi-Conical Waveguide gives smooth on and off axis frequency response
- High Frequency Drivers – compression driver provides natural sounding instruments and vocals
- Low Frequency Drivers – Metal frame, reflex loaded woofers achieve accurate bass response and provides the punch you expect from a Cerwin-Vega! system
- Direct-firing subwoofer features internal bracing to provide additional support during extreme performance situations

SPECIFICATIONS

	P1500X	P1800SX
System Type:	Active 2-way full-range, bass reflex	Active Subwoofer, bass reflex
Frequency Range (-10 dB):	49.8 Hz – 23.5 kHz	31.5 Hz – 272.0 Hz
Frequency Response (± 3 dB):	55.0 Hz – 20.5 kHz	38.0 Hz – 183.0 Hz
Nominal Coverage (-6 dB):	90° Horizontal, 65° Vertical	not applicable
Maximum SPL ⁽¹⁾ @ 1m:	134 dB	136 dB
Amplifier Type:	Class D	Class D
Amplifier Rating:	1500 Watts Dynamic 500 Watts Continuous	2000 Watts Dynamic 650 Watts Continuous
Low Frequency Driver:	15"	18"
High Frequency Driver:	1 $\frac{3}{4}$ " diaphragm, 1" exit	not applicable
Connectors:	CH 1&2 - Neutrik™ XLR/TRS inputs, CH 3 Dual $\frac{1}{4}$ " TS inputs THRU 1&2 - XLR, MIX - XLR	CH 1&2 Neutrik™ XLR/TRS inputs THRU 1&2 - XLR, LINK - XLR
Impedance:	CH 1&2 – 20 k Ω , CH3 – 10 k Ω	CH 1&2 – 20 k Ω
Indicators:	Signal/Clip, Power, Limiter, Protect	Signal/Clip, Power, Limiter, Protect
Enclosure:	Polymer cabinet, flush waveguide	18mm reinforced wood cabinet
Grille:	18 gauge, perforated steel	18 gauge, perforated steel
Mounting & Suspension:	7.5° or flat, 35mm pole socket 4 x M10 suspension, 2 x M10 pull-back	35mm pole socket
Operating Temperature:	-20° to 55°C	-20° to 55°C
Dimensions (H x W x D):	27.5" x 17.0" x 13.5" (699mm x 432mm x 343mm)	24.25" x 20.0" x 24.5" (616mm x 508mm x 622mm)
Weight:	53.0 lbs (24.0 kg)	84.0 lbs (38.1 kg) with casters 77.0 lbs (34.9 kg) without casters
Shipping Dimensions (H x W x D):	32.0" x 21.5" x 18.5" (813mm x 546mm x 470mm)	27.25" x 22.0" x 26.5" (692mm x 559mm x 673mm)
Shipping Weight:	60.5 lbs (27.4 kg)	93.5 lbs (42.4 kg)
Fuse (5mm x 20mm):	T8A/250V (120V version) T4A/250V (240V version)	T8A/250V (120V version) T4A/250V (240V version)

(1) Maximum SPL. In accordance with industry standard practice the Maximum SPL is calculated based upon the following equation: Peak Transducer Sensitivity (dB) + Dynamic Amplifier Power (dB). The amplifier power measurement was performed with the limiter protection circuits engaged. Full range loudspeakers are measured in full space and subwoofers are measured in half space.