

PS-156T

3-Way Speaker



Owner's Manual

High fidelity full range sound for live sound reinforcement has typically meant high dollars, but with the Crate Pro Audio PS-156T 3-Way Speaker this is now an affordable reality. Critical component selection, computer aided cabinet design and crossover equalization means articulate response throughout the audio spectrum. The two professional-grade Speakon® jacks provide the most secure connections for high-powered and/or permanent installations, while the two 1/4" jacks adapt to most other applications.

In order to achieve the highest level of performance from your speaker please read this manual prior to its use.

And "Thank You" from





PS-156T 3-Way Speaker





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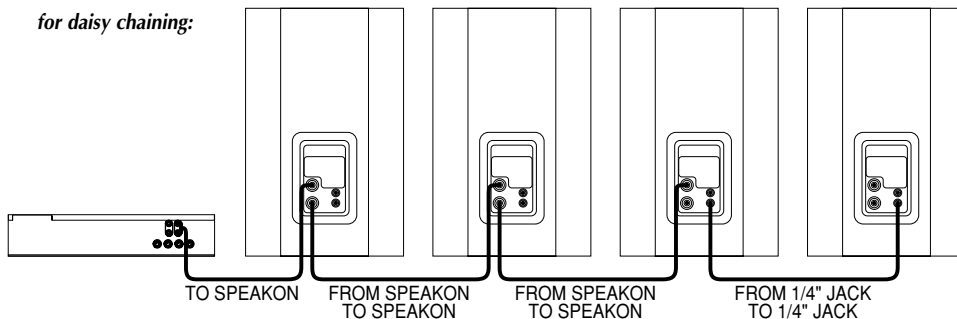
The Crate Pro Audio PS-156T is a 3-way, wide angle, vertical array speaker enclosure. The speaker is direct-radiating with a vented woofer section, a 6 inch midrange transducer and a high-efficiency tweeter. These professional components are housed in a durable enclosure with a rugged 16 gauge steel front grille for superior protection.

This speaker is specifically designed for small venues where a wide coverage angle is necessary to provide even sound to all listeners in the room. The PS-156T is a perfect addition to larger sound systems to fill areas that are not well covered.

The PS-156T is equipped with a pair of Speakon® jacks and a pair of 1/4" jacks. Speakon® connectors are recognized as the standard for professional installations, assuring a secure, permanent connection that won't corrode, vibrate loose or be as easily tampered with as 1/4" phone plugs. While the 1/4" jacks are convenient, use of the Speakon® jack is recommended when using power amplifiers over 150 watts, for permanent installations or when daisy chaining a number of speakers.

- A** The Speakon® and 1/4" jacks are all wired together in parallel with each other, allowing easy daisy chaining from one speaker to another. Any of the jacks may be used as an input or a through connection. The PS-156T has an impedance of 8 ohms – up to four could be powered by one amplifier *if* the amp is rated for 2 ohm operation.

**Recommended method
for daisy chaining:**





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TECHNICAL SPECIFICATIONS

Impedance	8 ohms nom, 6 ohms min
RMS Power Handling	175 watts
Peak Power Handling	700 watts
Frequency Response ($\pm 3\text{dB}$)	55Hz - 18kHz
Useable Low Freq Limit	25Hz
Sensitivity	93dB SPL
Maximum SPL	123dB
Nominal Dispersion	90° x 60°
Components	15" woofer, 6" cone mid, dome tweeter
Crossover Frequencies	1.6kHz, 5kHz
Slope Rate	12dB/octave
Dimensions (HxWxD)	29"x19"x15"
Weight	61 lbs

Due to ongoing product development and improvement, the specifications contained herein are subject to change without notice.

WARNING: THIS SPEAKER IS CAPABLE OF PRODUCING SOUND PRESSURE LEVELS WHICH MAY LEAD TO HEARING IMPAIRMENT OR LOSS. HEARING PROTECTION IS RECOMMENDED.

The chart below shows the U.S. Government Occupational Safety and Health Administration (OSHA) regulations which were in effect at the time of this publication for permissible noise exposure, per 29CFR1910, Table G-16.

SOUND LEVEL dBA SLOW RESPONSE	DURATION PER DAY IN HOURS	SOUND LEVEL dBA SLOW RESPONSE	DURATION PER DAY IN HOURS
90	8	102	1-1/2
92	6	105	1
95	4	110	1/2
97	3	115	1/4 or less
100	2		

According to OSHA, any exposure in excess of those listed above could result in some hearing loss.

CAUTION: ANY SPEAKER SUPPORTED ON A STAND POSES A RISK OF PERSONAL INJURY IN CASE OF COLLAPSE OR TIPPING OF THE STAND OR SPEAKER. WHEN USING THE STAND MOUNT, BE SURE THAT THE SPEAKER IS FULLY SEATED ON THE STAND, THAT IT IS NOT LOOSE, THAT THE STAND IS PROPERLY SET UP ON A LEVEL SURFACE, AND THAT THE STAND IS RATED FOR AT LEAST THE WEIGHT OF THE SPEAKER. BE SURE THE SPEAKER CABLES DO NOT POSE A TRIPPING HAZARD, AND THAT THEY CANNOT TIP THE SPEAKERS IF PULLED. NEVER SET UP A SPEAKER ON A STAND WHERE TIPPING OR COLLAPSE COULD CAUSE IT TO FALL ON PEOPLE.

WARNING: THIS SPEAKER IS NOT DESIGNED TO BE SUSPENDED OFF THE FLOOR FROM CABLES OR IN ANY OTHER MANNER. IF SUSPENSION IS DESIRED, CONSULT A REGISTERED PROFESSIONAL ENGINEER.



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