



CSX70-S2

THREE-WAY CARPETED LOUDSPEAKER SYSTEM

APPLICATIONS:

- Concerts
- Theatres
- Clubs
- Houses of Worship
- Entertainment
- Industrial A/V

FEATURES:

- High sensitivity, low distortion
- PowerSense™ Dynamic Driver Protection
- Patented array horn
- Black carpeted exterior

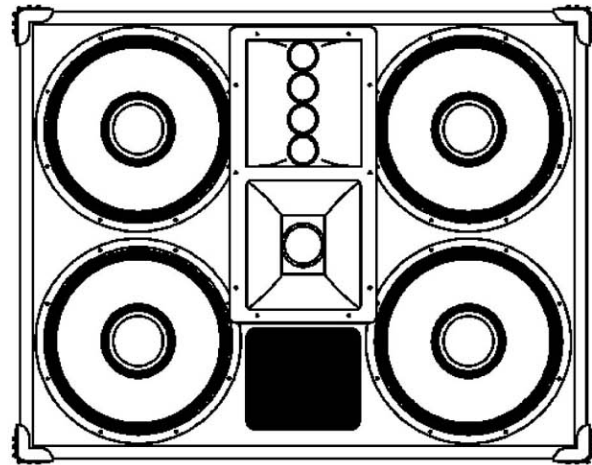
DESCRIPTION

The CSX70-S2™ is a rugged, high-sensitivity, three-way, full-range loudspeaker system. The system utilizes four PZT high-frequency drivers coupled to a patented Focused Array horn, one M200 midrange compression driver coupled to a 90° X 40° pattern control horn and four Ferrofluid-cooled 12" (300 mm) woofers for high sensitivity, excellent power handling and unmatched sonic clarity. These components are matched to an optimally tuned direct radiating bass-reflex enclosure. The recessed handles, black carpeted exterior and injection molded corners also make this system attractive, rugged and easily transportable.

The CSX70-S2 offers a robust internal PowerSense Dynamic Driver Protection crossover. The CSX-S2 PowerSense crossover is built to last with high quality 250V film capacitors, inductors and military grade circuit boards. The proprietary PowerSense DDP protection circuit provides both over current and thermal protection for added performance and reliability.

Designed as a stand-alone full-range loudspeaker system, the CSX70-S2 offers enough bass for most applications. For more demanding applications, extended bass can be achieved by adding the CSX60-S2 subwoofer.

Mounting is easily accomplished utilizing threaded inserts provided and optional mounting kits. This product should never be suspended by its handles.



SPECIFICATIONS

Loudspeaker Type:

Three-Way, Full Range Bass Reflex System

Frequency Response: 45 Hz to 18 kHz

Power Handling: 600W RMS
1,500W Program

Recommended Amp: 1200W to 1800W @ 4 Ohms

Sensitivity at 1W/1M: 105 dB SPL

Nominal Dispersion: 90° Horizontal, 30° Vertical

Nominal Impedance: 4 ohms

Crossover Frequencies: 700 Hz and 4 kHz

Drivers:

Four PZT on Patented Focused Array Horn
One M200 Compression Driver, Ferrofluid-cooled
Four 12" (300 mm) Woofers, Ferrofluid-cooled

Speaker Protection: PowerSense DDP

Input Connections:

Dual Neutrik Speakon in Parallel
Dual 1/4 Phone Jacks in Parallel

Enclosure Material:

Black carpet covered high density particle board
16 Gauge perforated steel grille

Dimensions:

Height: 26.75 inches (679mm.)
Width: 33.5 inches (851mm.)
Depth: 18 inches (457mm.)

Weight: 133 lbs. (60.3kg.)

Shipping Weight: 142 lbs. (64.4kg.)

CSX70-S2 Page 1 of 2

COMMUNITY PROFESSIONAL LOUDSPEAKERS

333 East Fifth Street Chester, PA 19013-4511 USA Phone (610) 876-3400 Fax (610) 874-0190

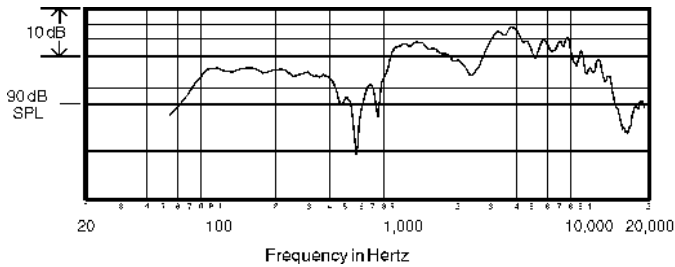
© 1997, Community Light & Sound, Inc.



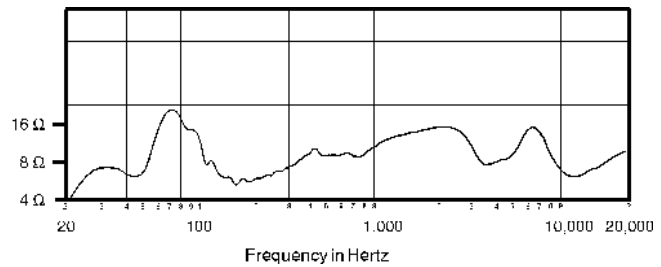
CSX70-S2

THREE-WAY CARPETED LOUDSPEAKER SYSTEM

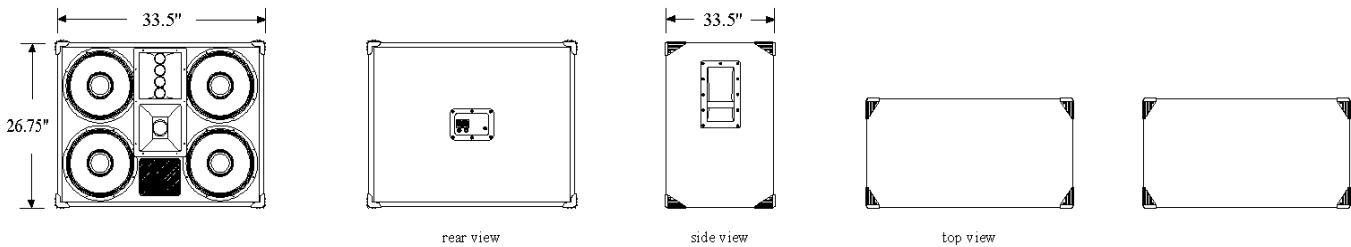
FREQUENCY RESPONSE



IMPEDANCE



DIMENSIONS



ARCHITECTS' AND ENGINEERS' SPECIFICATION

The loudspeaker system shall be a direct-radiating, bass-reflex design with four Ferrofluid-cooled 12" (300 mm) woofers, one 2" (50 mm) exit midrange compression driver (Community M200) coupled to a Directivity Control horn and four PZT drivers coupled to a patented Focused Array horn. The crossover/protector shall provide 12 dB/octave low pass at 700 Hz to the woofer, 12 dB/octave band pass with 700 Hz and 4,000 Hz crossover frequencies with switchable boost to the midrange driver and 12 dB/octave high pass to the high-frequency drivers. The crossover shall utilize high quality 250V film capacitors, inductors and high positive current coefficient resistors (HPCCR's) for component protection. The loudspeaker enclosure shall have an internal volume of 7.8 cu. ft. (221 L.) and be constructed of dense, well braced stock covered in black carpeting with eight injection molded corners and two built-in handles. The system shall meet the following performance criteria: Amplitude response of 45 Hz to 18,000 Hz +/- 5 dB, 600W RMS power handling, 105 dB sensitivity at 1 meter with one watt applied. Coverage pattern shall be 90° x 30° (HxV). Dimensions shall be 26.75" (679 mm) high, 33.5" (851 mm) wide, 18" (457 mm) deep and weigh 13 lbs. (60.3 mm). The system impedance shall be 4 ohms nominal.

LIMITED WARRANTY

Community CSX-S2 Loudspeakers are guaranteed to be free from defects in materials and workmanship from the original date of sale for a period of ten years in the USA and a period of five years worldwide. Since the warranty applies to the product, the remainder of the warranty period will be automatically transferred to any subsequent owner.

Only failures caused by defects in materials and workmanship are covered, not failures caused by abuse, accident, modification, improper handling/installation, or repairs made without factory authorization or by other than an authorized Community Field Service Station. Products covered by this warranty will be repaired or replaced at the option of Community, without charge for materials or labor, provided all the terms of this warranty have been met.

This statement is a condensed version of the Community Product Warranty, intended for quick reference only. For complete warranty information, consult the product owners manual or call (610) 876-3400 for a copy.

PRELIMINARY SPECIFICATIONS

CSX70-S2 Page 2 of 2

COMMUNITY PROFESSIONAL LOUDSPEAKERS

333 East Fifth Street Chester, PA 19013-4511 USA Phone (610) 876-3400 Fax (610) 874-0190

CS70-991020