



RSJr.

TWO-WAY ELECTRONICALLY CONTROLLED LOUDSPEAKER SYSTEM

APPLICATIONS:

- Concerts
- Performing Arts
- Entertainment
- Voice Announcement
- Houses of Worship
- Under Balcony Fill

FEATURES:

- Micro array system
- Arrayable design
- High output, low distortion sound quality
- PowerSense™ dynamic driver protection
- High power capacity
- High sensitivity

DESCRIPTION

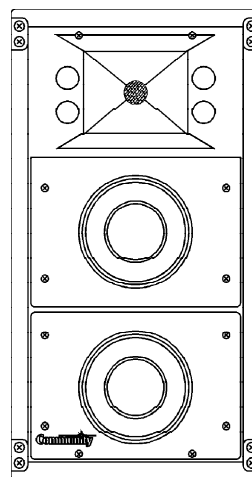
The RSJr.™ is a high output, high-sensitivity, horn-loaded, two-way, full-range loudspeaker system of Wavefront-Coherent design. The components of the RSJr. system are matched for seamless full-range performance. The low frequency section of the RSJr. utilizes two 6.5" Ferrofluid-cooled low frequency drivers on a dual-throated exponential horn. The RSJr.'s high frequency section utilizes a single VHF100 (patent pending) 1" exit compression driver coupled to a high frequency Pattern Control horn.

The low and high frequency horns of the RSJr. loudspeaker system are molded in one piece and comprise the fiberglass faceplate of the trapezoidal cabinet.

The RSJr. system is engineered with a unique passive two-way frequency dividing network which provides optimal filtering and slope characteristics throughout the system's bandpass. PowerSense Dynamic Driver Protection circuitry provides continuous monitoring of the power level into the loudspeaker system. The RSJr.'s passive crossover design enables exceptional performance with the economy of single amplifier channel operation.

The electronic system controller acts as an electronic crossover to an optional VBS subwoofer, monitoring both the RSJr. system and the subwoofer through sense lines from the power amplifier outputs. This provides both dynamic speaker protection and dynamic equalization to the system.

The RSJr. enclosure is made of extensively braced, black-painted, 13-ply, void free, Baltic birch plywood. Integral steel edging connected to internal steel bracing allows suspension of the RS system. Consult the Community publication, "Rigging Information for Flying Systems of Community RS and VBS Loudspeakers" for further information.



SPECIFICATIONS

Type:

Two-way, Electronically Controlled Loudspeaker System

Frequency Response: 100 Hz to 18 kHz

Power Handling:

120W RMS, Continuous Pink Noise
300W Program

Sensitivity (1 Watt / 1 Meter):

103.1 dB SPL (400 Hz to 4 kHz)
99.7 dB SPL (100 Hz to 18 kHz)

Nominal Dispersion: 90° Horizontal, 50° Vertical

Nominal Impedance: 8 ohms

Crossover Frequency: 1,800 Hz

Components:

Two 6.5" Woofer, Ferrofluid-cooled Drivers
One 1" exit VHF100 HF Driver

Speaker Protection: PowerSense DDP

Input Connectors:

2 Neutrik Speakon
1 dual banana

Enclosure Material and Finish:

13-ply void free, black painted Baltic birch plywood
Fiberglass exterior optional.

Trapezoid Pitch: 22.5°

Dimensions:

Height: 20.63 inches (524 mm)
Width: 11.25 inches (285.75 mm)
Depth: 11.25 inches (285.75 mm)

Weight: 43 lbs. (19.5 kg.)

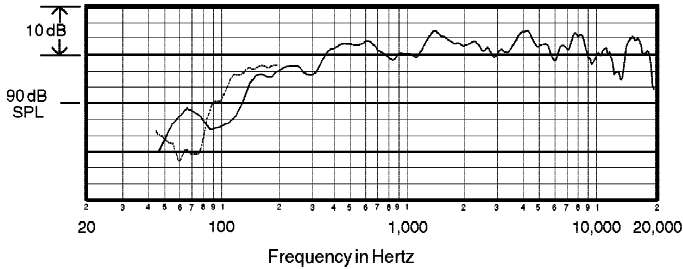
Shipping Weight: 48.4 lbs. (22 kg.)



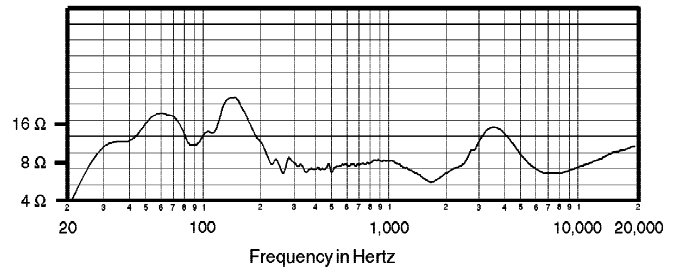
RSJr.

TWO-WAY ELECTRONICALLY CONTROLLED LOUDSPEAKER SYSTEM

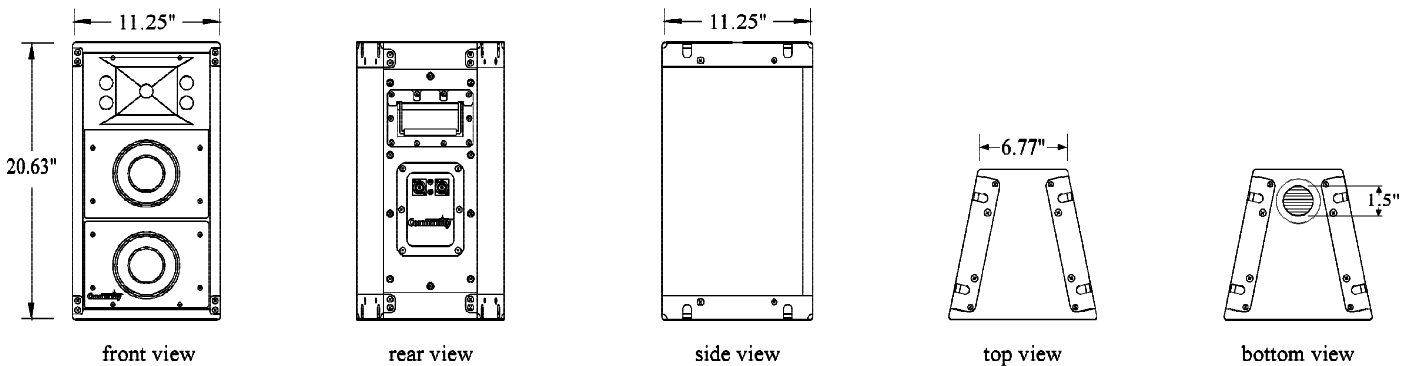
FREQUENCY RESPONSE



IMPEDANCE



DIMENSIONS



ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker system shall be a horn-loaded, two-way, bass reflex design with two 6.5" Ferrofluid-cooled woofers coupled to a dual-throated exponential horn and one 1" exit VHF100 (patent pending) high frequency driver coupled to a Pattern Control horn. The low and high frequency horns shall be constructed in one piece of black fiberglass and shall comprise the faceplate of the cabinet. All components shall be connected to an integral crossover/ protector. The crossover / protector shall be a two-way, 12 dB per octave design with a crossover frequency at 1800 Hz. The crossover shall utilize high quality 250V film capacitors and High Positive Current Coefficient Resistors (HPCCR) for component protection. The loudspeaker enclosure shall have an internal volume of .64 cubic feet (18.1 liters) and be constructed of 13-ply void free Baltic birch plywood, available in black paint or hand laminated fiberglass. The system shall have four steel edges with integral suspension points and one steel handle. The system shall meet the following performance criteria: Amplitude response of 100 Hz to 18 kHz, 120 Watts RMS power handling, 99.7 dB SPL sensitivity at 1 meter with 1 Watt applied. Nominal coverage pattern shall be 90° x 50° (H x V). Dimensions shall be 20.63 inches (524 mm) high, 11.25 inches (285.75 mm) wide, 11.25 inches (285.75 mm) deep, and weigh 43 lbs. (19.5 kg). The system impedance shall be 8 ohms nominal.

LIMITED WARRANTY

Community RS/VBS loudspeaker systems are guaranteed to be free from defects in materials and workmanship for a period of five years from the date of sale to the original purchaser. This warranty applies to the product, therefore the remainder of the warranty period will be automatically transferred to any subsequent owner. This warranty does not apply to products which have been subjected to abuse, accident, modification, improper handling/installation, or repairs made without factory authorization or by other than an authorized Community Field Service Station. Items or products covered by this warranty will be repaired or replaced, at the option of Community, without charge for materials or labor, provided products are returned prepaid for inspection to the Community factory in Chester, PA or to a Community Authorized Field Service Station.

Specifications subject to change without notice.

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COMMUNITY PROFESSIONAL LOUDSPEAKERS

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