

- **Outstanding Vocal Clarity**
- **A Vented Near Field that's Perfect for Installs, yet Very Portable**
- **Features a Full-Face Foam-Backed Steel Grille**

Sx325 Speaker System



S X
SPEAKER
SYSTEMS

General Product Description

Two-way full-range short throw passive system, in a vented trapezoidal enclosure. Includes a 12-inch coaxial configured woofer and a 1-inch voice coil compression driver with a 90° x 90° constant-directivity horn. Full-face steel grille with foam backing.

Applications

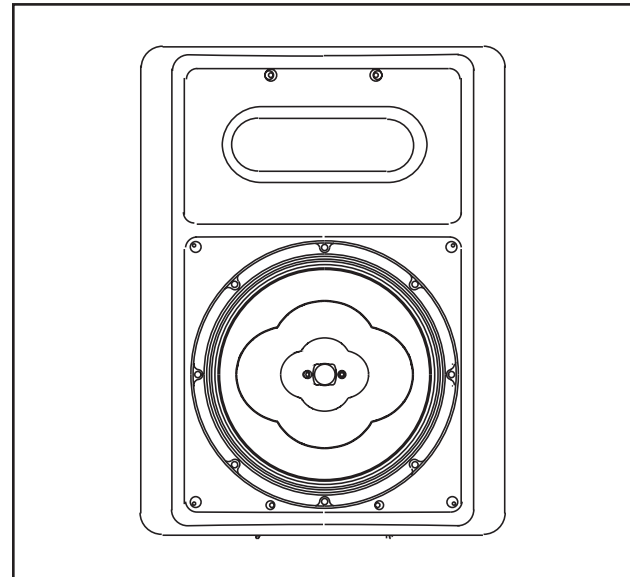
The Sx325 uses EV's exclusive RMD™ (Ring-Mode Decoupling) to provide outstanding vocal clarity and intelligibility in a cost-effective two-way system. The versatile, compact enclosure features a comprehensive system of 8 mm threaded mounting/suspension points, to allow horizontal or vertical mounting (Mb 200 and Mb 300 mounting brackets available along with F200 feet for use as a monitor). The 90° x 90° horn pattern provides excellent near-field coverage with directivity control to 700 Hz. Five year warranty.

Applications include:

Stadiums	Arenas
Houses of Worship	Discos
Live Music Clubs	Gymnasiums
Portable Sound Reinforcement	

Architects' and Engineers' Specifications

The loudspeaker system shall be of the vented-bass type, consisting of one 305 mm (12.0 in.) high-power, coaxial loudspeaker with a coaxially mounted 25.4 mm (1 in.) compression driver loaded with a Vari Intense® 90° x 90° constant-directivity horn. The loudspeaker system shall meet the following performance criteria. Power handling shall be 250 watts of pink noise with a 6 dB crest factor, band-limited from 60-20,000 Hz.



Frequency response shall be smooth and uniformly usable from 60-20,000 Hz. Pressure sensitivity shall be 100 dB SPL when measured at one meter on axis with one watt of band-limited pink noise from 60-20,000 Hz. The enclosure shall be constructed of black, high-impact polypropylene structural foam and shall be heavily braced and lined with sound-absorbing polyester fill. The dimensions of the enclosure shall be 587 mm (23.1 in.) high by 429 mm (16.9 in.) wide by 312 mm (12.3 in.) deep. The loudspeaker system shall be 17.3 kg (38 lb).

The loudspeaker system shall be the Electro-Voice Sx325.

Specifications:

Part Number: Sx325

LF Section & Components:

12-inch coaxial woofer in vented enclosure

HF Section & Components:

1-inch compression driver with titanium diaphragm

System Configuration: Two-way, Full-range

Powering Configuration: Passive

Recommended High-Pass Frequency:

(12 dB/octave min.) 50 Hz

Cabinet Type: (shape) Trapezoidal

Enclosure Materials:

..... High-impact polypropylene structural foam

Finish: Black

Connectors: Parallel 4-pin Neutrik® Speakon®

Suspension Hardware:

..... 8 mm insert mounting points
(Mb 200 & Mb 300 mounting brackets available)

Grille: Powder-coated perforated steel

Electro-Voice®

Speaker Characteristics

Frequency Response (passive)

-3 dB 70-20,000 Hz

-10 dB 50-16,000 Hz

Axial Sensitivity 100 dB

Impedance 8 ohms

Power Handling

Long-term (EIA) 250 watts

Short-term peak 1,000 watts

Calculated Maximum Output SPL

Peak 129 dB

Long Term 123 dB

Nominal Coverage Angle

Horizontal (-6 dB) 90°

Vertical (-6 dB) 90°

Dimensions

Height 23.1 in. (587 mm)

Width at front 16.9 in. (429 mm)

Width at back 8.9 in. (226 mm)

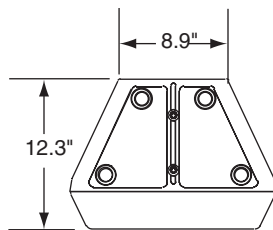
Depth 12.3 in. (312 mm)

Trapezoid Angle 25° per side

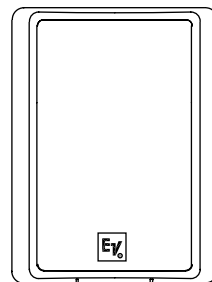
Weights

Net Weight 38.0 lb (17.3 kg)

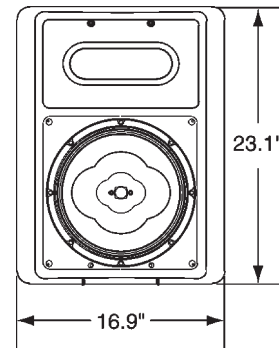
Shipping Weight 41.0 lb (18.6 kg)



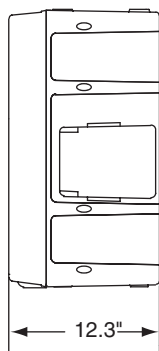
Top View



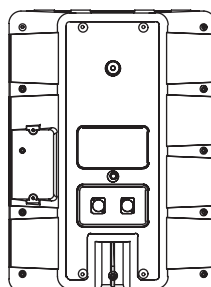
Front View
(with grille)



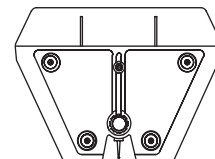
Front View
(with grille removed)



Side View



Back View



Bottom View

USA 12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-884-4051, FAX: 952-884-0043
Canada 705 Progress Avenue, Unit 46, Scarborough, Ontario, Canada, M1H2X1, Phone: 416-431-4975, 800-881-1685, FAX: 416-431-4588
Germany Hirschberger Ring 45, D94315, Straubing, Germany, Phone: 49 9421-706 0, FAX: 49 9421-706 287
France Parc de Courcerin, Alle Lech Walesa, Lognes, 77185 Marne La Vallee, France, Phone: 33/1-6480-0090, FAX: 33/1-6480-4538
Australia Unit 23, Block C, Slough Business Park, Slough Avenue, Silverwater, N.S.W. 2128, Australia, Phone: 61/2-9648-3455, FAX: 61/2-9648-5585
Hong Kong Unit E & F, 21/F, Luk Hop Industrial Bldg., 8 Luk Hop St., San PO Kong, Kowloon, Hong Kong, Phone: 852-2351-3628, FAX: 852-2351-3329
Japan 5-3-8 Funabashi, Setagaya-ku, Tokyo, 156-0055 Japan, Phone: +81 (0) 3-5316-5020, FAX: +81 (0) 3-5316-5031
Singapore 3015A Ubi Rd 1, 05-10, Kampong Ubi Industrial Estate, Singapore 408705, Phone: 65-746-8760, FAX: 65-746-1206
Mexico Av. Parque Chapultepec #66-201, Col. El Parque Edo. Mex. 53390, Phone: (52) 5368-5434, FAX: (52) 5358-5588
UK 4, The Willows Centre, Willow Lane, Mitcham, Surrey CR4 4NX, UK, Phone: 44 181 640 9600, FAX: 44 181 646 7084
Africa, Mid-East 12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7424, FAX: 952-887-9212
Latin America 12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7491, FAX: 952-887-9212

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Part Number 535967 Rev A



Electro-Voice®

U.S.A. and Canada only.

For customer orders, contact the Customer Service department at
800/392-3497 Fax: 800/955-6831

For warranty repair or service information, contact the Service
Repair department at 800/685-2606

For technical assistance, contact Technical Support at 866/78AUDIO

Please refer to the Engineering Data Sheet for warranty information.

Specifications subject to change without notice.