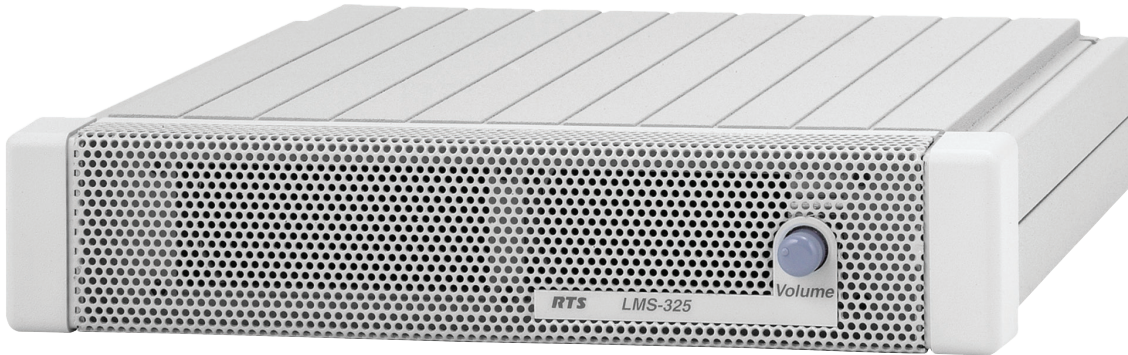


LMS-325

Active General Purpose Monitor Speaker



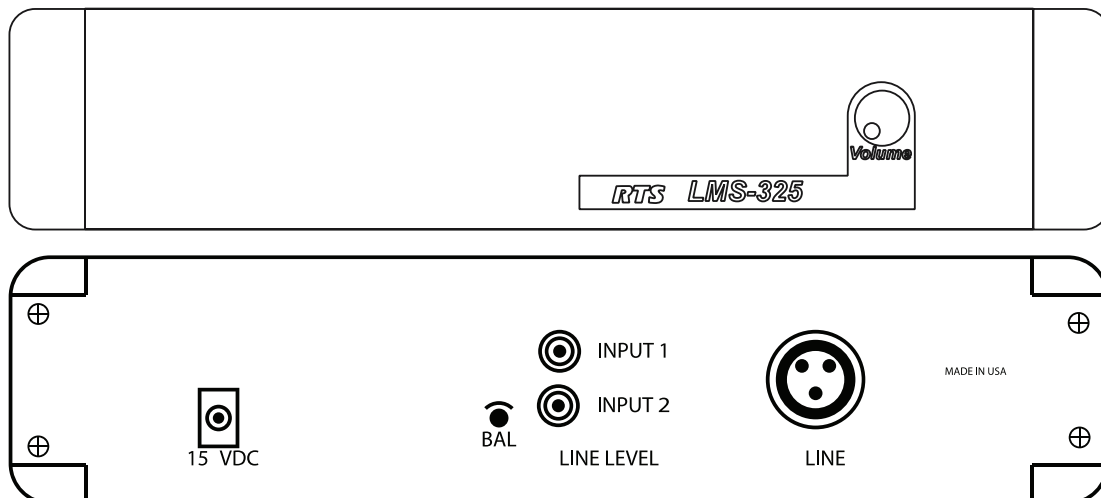
The RTS Model LMS-325 Line Monitor Speaker Station is an amplified, modular speaker that can be used to monitor one (1) or two (2) intercom or program channels. It features 5 watts of drive power and includes a wide range 8Ω speaker. The LMS-325 is in the standard 1 **RU** (Rack Unit), ½ rack width form factor of other RTS intercom products, including the RM-325 Intercom station, the MRT-327, MCE-325, SSA-324 and others. A large variety of mounting options and hardware are available to suit any application.

The LMS-325 has separate phono jacks for each program input and an XLR-3 connector for a 2-channel RTS intercom line. A rear panel adjustment allows the user to set relative levels between the two (2) input channels. The unit is powered locally from a supplied power pack to allow operation with dry audio signals and to prevent loading of the RTS TW intercom channels.

Features

- Dual channel inputs from RTS TW Intercom or two (2) separate program inputs.
- Full range 5 watt speaker and power amplifier
- Standard ½ rack width 1 RU configuration, compatible with MCE-325, MRT-327, LMS-325.
- Locally powered to allow use with any audio or intercom source.

Line Drawings



Specifications

General

Power Rating: 5 watts

Sensitivity: 90 ± 2 dB/2.83V/meter on axis averaged over one (1) octave bands centered at 250Hz, 500Hz, 1kHz, 2kHz, 4kHz and 8kHz when enclosed in a sealed box with a volume of 1.3 liters.

Frequency Response: 200Hz to 10kHz ± 4 dB on 1/10 octave measurements in a sealed box with a volume of 1.3 liters.

Free Air Resonance: 200Hz to 250Hz

Frequency Response: 200Hz to 10kHz ± 1.5 dB

Mechanical Noise: Free of buzzes and rattles with 5W sinewave input from 100Hz to 10kHz.

Environmental Requirements:

Storage: -20°C to 80°C (-4°F to 176°F); 0% to 95% humidity, non-condensing

Operating: 0°C to 50°C (32°F to 122°F); 0% to 95% humidity, non-condensing.

Dimensions: 1.72 in (44 mm) H x 8.2 in (208 mm) W x 8 in (203mm) D

Weight: 2 lb 12 oz (1.25 kg)

Connector Pin Configurations

Speaker Inputs

Type: RCA Phono Jacks

Tip: Audio

Sleeve: Common

Type: XLR-3F

Pin 1: Common

Pin 2: RTS Channel 1 audio

Pin 3: RTS Channel 2 audio

External Power

Type: 2.0 mm jack

Internal Pin: positive (+) 15VDC

External Shell: negative (-)

Speaker Amplifier

Note: Specifications are for Input 1 with the balance control set for minimum attenuation. Specifications for Input 2 are identical.

Input Impedance: $10k\Omega \pm 10\%$

Input Level: 0.77Vms

Output Amplifier Power: >5W, 4W continuous into 8Ω

Signal-to-Noise Ratio: 75dB, reference 2W into 8Ω

Total Harmonic Distortion: Less than 0.4% at 2W nominal

Balance Control: 12dB maximum relative attenuation

Order Information

LMS-325 • LMS-325 • 5 watt modular amplified loudspeaker

The specification information is preliminary and is subject to change without notification.
Brand names mentioned are the property of their respective companies.