Description

The VERIS 8T is a two-way, full-range 70V / 100V loudspeaker system suitable for use in a wide range of constant-voltage applications.

Its low-loss, low distortion internal autotransformer provides the system designer with great flexibility. The four power taps allow a 9 dB range of level control in 3 dB increments.

Compact and versatile, the VERIS 8T is ideal for distributed systems such as those found in restaurants, meeting spaces, shopping centers, airports, and transit stations.

In addition to distributed systems, the VERIS 8T may be used for ancillary delay applications. When used to augment a FOH system in such venues as auditoria, theatres, and houses of worship, delay speakers can significantly even-out the difference in sound pressure level from the front of the room to the rear of the room. Units may be positioned for under-balcony fill, over-balcony fill, or simply placed towards the rear of the seating areas. By deploying VERIS 8T loudspeakers in such a manner, the system designer will have far greater control over relative levels and relative tonal response when commissioning and equalizing the installation.

The VERIS 8T may be mounted to a wall or ceiling surface with a yoke bracket (included), suspended from its M6 threaded rigging points, or installed using an OmniMount™ Series 30 mounting device.

Applications

- Shopping Malls
- Airports
- Delay Fill
- Restaurants
- Pubs
- Cafes
- Worship Centers

Features

- Internal Autotransformer for 70V / 100V installations
- Black or White Finish Available
- Ferrofluid Treated HF Driver for Improved Heat Dissipation
- Non-Resonant, Non-Metallic HF Diaphragm for Reduced Distortion
- Carbon Ring Cone Technology Provides 30% More Piston Area with Increased Excursion Capability
- Terminal Strip Connection w/ 12.5W, 25W, 50W & 100W Taps

SYSTEM

Format: Two-way full-range, vented bass, trapezoidal, equipped with autotransformer for 70V / 100V systems

- Operating Range: 90 Hz - 18 kHz
- Frequency Response: 100 Hz - 10 kHz (±4.5 dB)
- Dispersion (-6 dB): 90° H x 70° V (in vertical position)
- Crossover Frequency: 2 kHz
- Maximum SPL @1m: 110 dB continuous
- Sensitivity in SPL: 90 dB (125 Hz - 10 kHz, 1/3 octave)
  (1W/1m, free space) 91 dB (250 Hz - 4 kHz, speech range)
- Max Power Handling: 100W RMS (70V / 100V)
- Autoformer Taps: 12.5W, 25W, 50W, 100W
- Connectors: Terminal Strip

TRANSDUCERS

- Low Frequency: 8" (203mm) 150W RMS 375W Program, 8Ω
- High Frequency: 3/4" (19mm) 50W RMS 125W Program, 8Ω

MECHANICAL

- Enclosure: Trapezoidal (22.5° included angle) 11-ply cross-laminated birch
- Finish: Black or white catalyzed polyester paint (specify at time of ordering)
- Rigging Provisions: (9) M6 threaded rigging fittings
  (4) M6 threaded fittings for OmniMount™ 30 bolt pattern; yoke bracket included
- Grille: Powder coated steel, black or white
- Dimensions: 17" (433mm) x 11.3" (287mm) x 11.7" (297mm)
- Net Weight: 24.5 lbs / 11.1 kg

Due to ongoing development, specifications are subject to change without notice.

100 lbs / 45.4 kg per point in straight line, 10:1 safety factor.
VERIS 8T
TWO-WAY 70V / 100V LOUDSPEAKER SYSTEM

Amplitude versus Frequency (in free space)

Impedance versus Frequency

Directivity Index

Axial Q

Recommended Power: 100 WRMS at 70V
Recommended High-Pass Filter: 100 Hz *

*24 dB / octave or higher

Installation Accessories

VERIS Handle & Stand Socket
Attaches to Omni-Mount™ fasteners.

Tilting Bracket
Allows precise angling of a VERIS loudspeaker.

Seat Track Kit
Quick and easy way to fly VERIS enclosures.

Yoke Bracket
Provides 0°, 10°, & 20° inclination to wall surface.

Tilting Brackets
Multiple brackets may be used to position one loudspeaker below another.

Eyebolt Kits
Suspend VERIS enclosures safely and easily.

Ceiling Mount Kit
Derives a hang point from a ceiling surface.

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