VERIS 28T
TWO-WAY 70V / 100V LOUDSPEAKER SYSTEM

Description

The VERIS 28T is a two-way, full-range loudspeaker system suitable for use in a wide range of constant voltage applications. Its low-loss, low distortion internal autoformer provides the system designer with great flexibility. The four power taps allow a 9 dB range of level control in 3 dB increments.

The versatile 28T is ideal for distributed systems such as those found in cafes, restaurants, shopping centers and airports. With its powerful dual cone drivers, the VERIS 28T provides additional low frequency and mid-range output over that of its sister product, the VERIS 8T.

When paired with a subwoofer such as the VERIS 210S, a VERIS 28T system will produce high-fidelity, broad spectrum sound that belies its modest size.

In addition to distributed systems, the VERIS 28T is an excellent choice for ancillary delay applications. When used to augment a FOH system in venues such 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 underbalcony fill, overbalcony fill, or simply placed towards the rear of the seating areas. By deploying VERIS 28T 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 28T 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 60 mounting device.

Applications
- Shopping Malls
- Airports
- Delay Fill
- Restaurants
- Pubs
- Cafes
- Houses of Worship

Features

Internal Autoformer 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/ 25W, 50W, 100W & 200W Taps

SYSTEM

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

Operating Range: 70 Hz - 18 kHz
Frequency Response: 90 Hz - 10 kHz (± 4 dB)
Dispersion (-6 dB): 90º H x 70º V (in vertical position)
Crossover Frequency: 2 kHz
Maximum SPL @1m: 115 dB continuous
Sensitivity in SPL: 92 dB (125 Hz - 10 kHz, 1/3 octave)
(1W/1m, free space)
92 dB (250 Hz - 4 kHz, speech range)
Max Power Handling: 200W RMS (70V / 100V)
Autoformer Taps: 25W, 50W, 100W, 200W
Connectors: Terminal Strip

TRANSDUCERS

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

MECHANICAL

Enclosure: Trapezoidal (22.5º 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 fittings1
(4) M6 threaded fittings for V-HSS
(4) M8 threaded fittings for OmniMount™60 bolt pattern; yoke bracket included
Grille: Powder coated steel, black or white
Dimensions: 25.5” (649mm) x 11.3” (287mm) x 11.7” (298mm)
Net Weight: 35 lbs / 15.9 kg

100 lbs / 45.4 kg per point in straight line, 10:1 safety factor.

Due to ongoing development, specifications are subject to change without notice.
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Amplitude versus Frequency (in free space)

Impedance versus Frequency

Directivity Index

Axial Q

Recommended Power: 200 WRMS at 70V

Recommended High-Pass Filter: 70 Hz*

*24 dB / octave or higher

Installation Accessories

VERIS Handle & Stand Socket
Attaches to Omni-Mount™ Series 30 fasteners.

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

Tilting Bracket
Allows precise angling of a VERIS loudspeaker.

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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