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Yarden 8-T

8-Inch, High-Performance, Ceiling Tile
Stereo Speaker

| Speakers



The Yarden 8-T High-Performance Ceiling Tile Stereo Speaker features a Kevlar(R) woofer, four pivoting titanium tweeters, complete K-coverage ESD™ (Equal Sound Dispersion) design for almost 180 degrees of sound dispersion. It features speech mode to improve intelligibility, music mode for an extra wide frequency response and stereo and mono modes to fit any kind of installation. It also features a magnetically held grill (with two security screws) for time saving installation, 2nd level cross-over design and multi-tap power transformer for selecting 8Ω (bypassing the transformer) or 70V/100V power settings that are suitable for an array installation

FEATURES

Type - 2-way ceiling tile speaker

Woofer - 8" Kevlar(R) cone

Tweeters - Four pivoting 0.75" titanium domes

Impedance - Stereo 8Ω, mono 4Ω

Stereo/Mono Selector Switch

Speech/Music Selector Switch

Power Handling - 2 x 40W RMS, 2 x 110W continuous program

Transformer Taps - Stereo: 70V: 2 x 30W/15W/7.5W/3.7W, 100V: 2 x 30W/15W/7.5W; Mono: 70V: 60W/30W/15W/7.5W, 100V: 60W/30W/15W

UL Certification - UL 1480 & 2043 listed and plenum compliant

Package - 1 speaker



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TECHNICAL SPECIFICATIONS

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|-------------------------|---|
| DESCRIPTION: | Ceiling tile speaker |
| FREQUENCY RESPONSE: | 65Hz to 20kHz @-10dB, 80Hz to 20kHz @±3dB |
| WOOFER: | 8" (200mm) Kevlar(R) with rubber surround |
| TWEETER: | Four 0.75" (20mm) pivoting titanium domes |
| IMPEDANCE: | 8Ω stereo, 4Ω mono (transformer tap in off position) |
| TRANSFORMER TAPS: | Stereo: 70V – 3.75W/7.5W/15W/30W; 100V – 7.5W/15W/30W, Mono: 70V – 7.5W/15W/30W/60W; 100V – 15W/30W/60W |
| SENSITIVITY: | 87dB 1W @1m |
| MAX SPL: | Continuous: 102dB, peak: 105dB |
| POWER HANDLING: | 40W RMS, 110W continuous program |
| CROSSOVER FREQUENCY: | 2.175kHz |
| DIRECTIVITY FACTOR (Q): | 9.43 averaged 1kHz to 10kHz |
| DIRECTIVITY INDEX (DI): | 9.5dB averaged 1kHz to 10kHz |
| INPUT CONNECTORS: | Terminal block connectors |
| CONTROLS: | Mono/Stereo select switch, Music/Speech select switch |
| MATERIALS: | Frame, steel grills (595x595mm, 605x605mm), cable holder |
| OPERATING TEMPERATURE: | 0° to +40°C (32° to 104°F) |
| STORAGE TEMPERATURE: | -40° to +70°C (-40° to 158°F) |
| HUMIDITY: | 10% to 90%, RHL non-condensing |
| ACCESSORIES: | 2 available grills (595x595mm, 605x605mm) |
| COLORS: | Available in Black only |

