



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



TECHNICAL SPECIFICATIONS

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 white

