

The **H** Series

INTERIOR DESIGN
SPEAKERS
THAT HARMONIZE
WITH ANY
ENVIRONMENT



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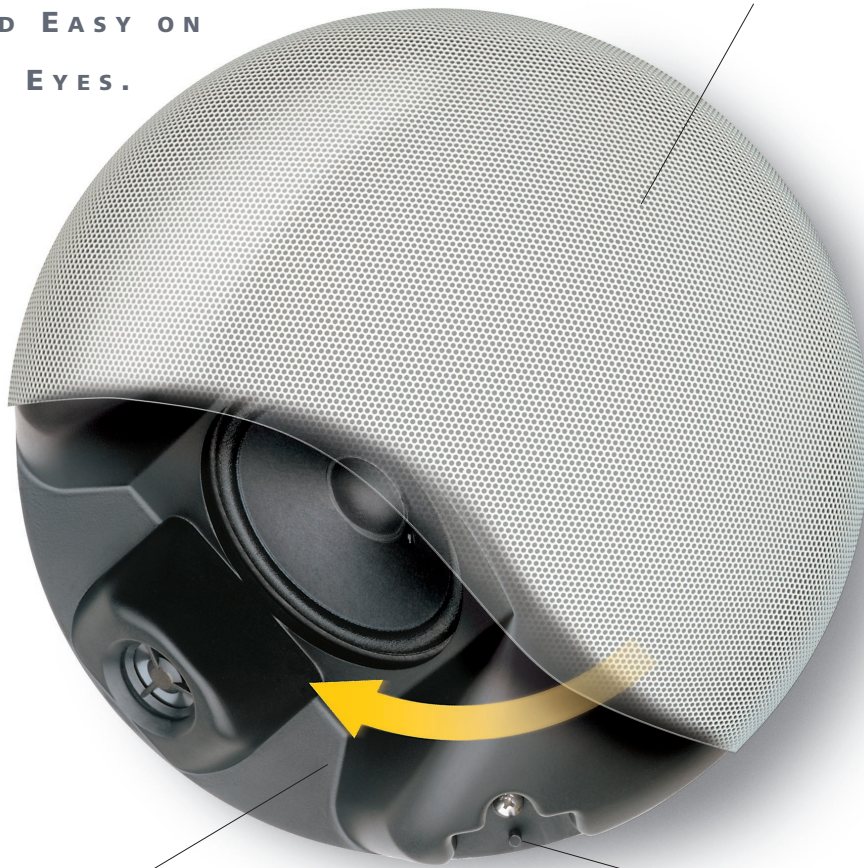
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**EASY TO INSTALL.
EASY TO AIM.
AND EASY ON
THE EYES.**

*Paint
to match
your interior.*



*Aim to optimize
delivery of
paging and BGM.*

*Install using
standard electrical
gang boxes.*

**LEGENDARY
RELIABILITY**


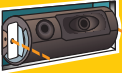






Ask anyone in commercial audio. They'll tell you TOA has an unmatched reputation for building rugged, reliable and innovative products.

One look at the new H Series speakers and you'll see why.

TOA speakers are engineered tough. They're assembled with the highest quality components, then tested

and retested to ensure an out-of-the-box failure rate that's

virtually zero.

<p>H1 SPEAKERS</p>	 <p>INSTALL INTO STANDARD GANGBOX</p>	 <p>ATTACH SPEAKER ASSEMBLY</p>	 <p>AIM SPEAKER AND LOCK</p>	 <p>SNAP ON COVER</p>
<p>H2 SPEAKERS</p>	 <p>INSTALL OVER STANDARD GANGBOX</p>	 <p>ATTACH SPEAKER ASSEMBLY</p>	 <p>AIM SPEAKER AND LOCK</p>	 <p>SNAP ON COVER</p>

**DIRECTIONAL SOUND
OR DESIGN AESTHETICS?
NOW YOU CAN HAVE BOTH!**

THE BUILDING'S DESIGN calls for speakers that can be aimed, but the building's architect is balking at boxes and brackets. TOA has a solution. Our new H Series speakers are

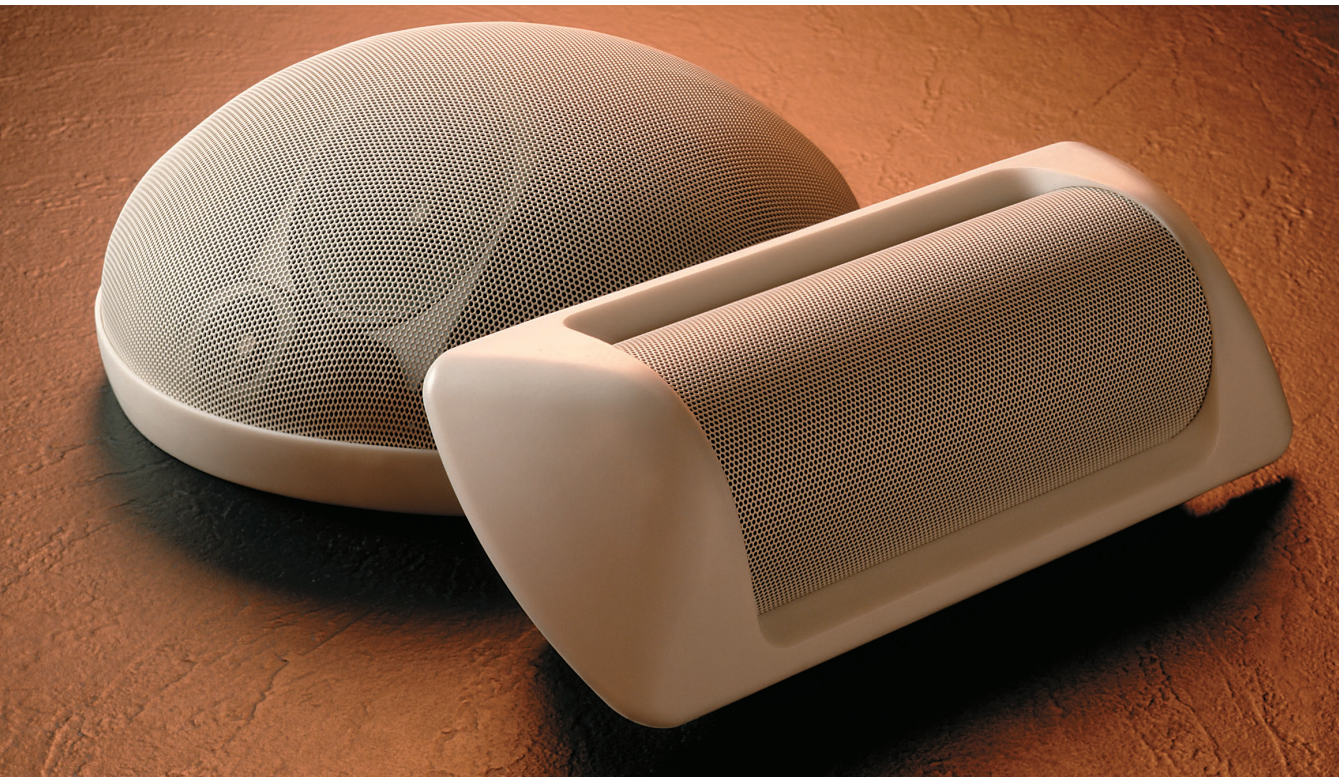
Form vs. Function. They're no longer in contention. TOA delivers both in these elegant H Series directional loud speakers.

designed to be mounted into the wall or ceiling, then aimed to deliver quality

sound where you need it. Best of all, their attractive grilles are simple and uncluttered, and can be painted to match—and disappear into—the architecture.

Offices, restaurants, stores, atriums, foyers, hallways, pew backs: H Series speakers are ideal for any environment where *both* sound quality *and* appearance are critical.

Ferrofluid-cooled, balanced-dome tweeters and neodymium magnet cone woofers help deliver the crisp highs and clean low-end response you've come to expect from TOA. Semi-flush mounting virtually eliminates the out-of-phase sound reflections that plague bracket-mounted models. And H Series



speakers are optimized to take advantage of the low frequency boost that develops between 200 and 300 Hz due to half-space and quarter-space loading.

Simple to install. Easy to aim. Great quality sound. And a look that will please architects and designers everywhere. Call today for data sheets, or visit us at www.toaelectronics.com.



In some interiors, you just can't get away with hanging exposed "box" speakers on wall-mount brackets. With TOA's H Series speakers, you don't have to.



SPECIFICATIONS

FEATURES AT A GLANCE

Sleek and attractive, no brackets required

Easy installation in standard electrical gang boxes

Wall or ceiling mount. Speakers rotate within housings for flexible aiming

Narrow coverage area for controlled sound

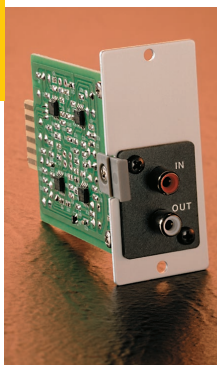
2-way design features Ferrofluid-cooled balanced dome tweeters and Neodymium magnet cone woofers

Paintable grilles blend into architecture

Weatherproof model available

3 Year Warranty

H Series EQ Modules are available for TOA 900 Series amplifiers. Please contact your nearest TOA dealer for details.



Enclosure Type	Sealed, two-way
Speaker Components	H-1: 3" x 2" Cone Woofer (Neodymium magnet) H-2/H-2WP: 4" Cone Woofer (Neodymium magnet) H-1/H-2/H-2WP: 1" Balanced-Dome Tweeter (Ferrofluid cooled)
Impedance	Direct: 4 Ω Transformer: 16 Ω 70.7 V Line: 12 W (420 Ω), 6 W (830 Ω), 3 W (1.7k Ω), 1.5 W (3.3k Ω) 100V Line: 12 W (830 Ω), 6 W (1.7k Ω), 3 W (3.3k Ω)
Sensitivity (1 W/1 m, 1/2 Space)	H-1: 85 dB SBL H-2/H-2WP: 88 dB SPL
Power Handling	Cont. Program: H-1: 90 W / H-2/H-2WP: 120 W (4 Ω) Cont. Pink Noise, 24 Hrs: H-1: 30 W / H-2/H-2WP: 40 W (4 Ω) Transformer: H-1/H-2/H-2WP: 12 W (16 Ω – 3.3k Ω)
Frequency Response	H-1: 120 to 20k Hz H-2/H-2WP: 100 to 20k Hz
Crossover Frequency	5k Hz
Dimensions W x H x D	H-1: 12.28" x 4.96" x 3.54" (312 mm x 126 mm x 90 mm) H-2/H-2WP: 10.55" dia. x 4.37" (288 mm x 111 mm)
Weight	H-1: 3.31 lbs. (1.5 kg) H-2/H-2WP: 4.63 lbs. (2.1 kg) (including base frame)