



# evoQ™ Angled In-Ceiling Speakers



In-ceiling design frees up wall space for flat-screen televisions

Provides high-quality sound in rooms of any shape



Angled driver and adjustable tweeter provides optimum positioning

Flush Mount for clean, seamless installation

HT7655  
6.5" Angled In-Ceiling Speaker

## INNOVATIVE TECHNOLOGY

### TRANSFORM ANY ROOM INTO A LIVE CINEMA EXPERIENCE

Our evoQ Angled In-Ceiling Speakers are optimized for home theaters. Rather than directing sound at the floor like traditional in-ceiling speakers, our angled speakers distribute it at a 15 degrees angle, ideal for aiming the sound to where the listeners are.

The flexibility to rotate speakers 360 degrees, combined with the 15 degree woofer angle, makes home theaters possible in unlikely rooms. Corners and entertainment centers limit sound frequencies, diminishing the quality of the surround sound. Because the speakers are built into the ceiling, you aren't limited by room shape – even in open floor plans. Since they're angled, they can act as front, side or rear speakers.



HT5655  
6.5" Angled In-Ceiling Speaker



HT1655-V1  
Aimable In-Ceiling Speaker

## PRODUCT FEATURES

- Enable optimal sound dispersion for home theater applications
  - Woofer angle at 15 degrees
  - Speaker can be rotated to target the sound
  - Pivoting tweeter enhances the directional flow of sound
- Create a uniform installation and an ability to standardize on home theater speakers
  - Speakers work in front, side and rear locations
  - One standard product satisfies all home theater applications
  - Ideal for odd-shaped rooms, in corners and in open floor plans
- Add flexibility to home theater system designs
- Power handling capability for demanding home theater applications
- Use in multi-room audio applications for challenging room conditions



[www.legrand.us/onq](http://www.legrand.us/onq)



# Angled In-Ceiling Speakers Overview

## RELATED PRODUCTS



**HT7651**  
In-Wall Speaker



**364662-01**  
In-Wall Speaker



**HT5104**  
Subwoofer



**HT2103**  
Home Theater  
Connection Kit

## evoQ ANGLED IN-CEILING SPEAKER SPECIFICATIONS

	HT5655	HT7655	HT1655
<b>Mechanical Parameters</b>			
Mounting Depth	5.00"	5.00"	5.00"
Overall Diameter	10.91"	10.91"	10.91"
Mounting Hole Diameter	9.5"	9.5"	9.5"
<b>Electrical Parameters</b>			
Impedance Characteristics	+/- 1/10th $\Omega$ within any single octave, 20 Hz – 25 KHz	+/- 1/10th $\Omega$ within any single octave, 20 Hz – 25 KHz	+/- 1/10th $\Omega$ within any single octave, 20 Hz – 25 KHz
Connectivity	12 AWG to 18 AWG Stranded Cable, < .200 $\Omega$ Impedance	12 AWG to 18 AWG Stranded Cable, < .200 $\Omega$ Impedance	12 AWG to 18 AWG Stranded Cable, < .200 $\Omega$ Impedance
<b>Power Handling</b>	75 Watts continuous (150 W Max)	100 Watts continuous (200 W Max)	100 Watts continuous (200 W Max)
<b>Environmental Parameters</b>			
Operating Temperature	0° to 55° C	0° to 55° C	0° to 55° C
Storage Temperature	-55° to 75° C	-55° to 75° C	-55° to 75° C
Humidity	Up to 90% RH (non-condensing)	Up to 90% RH (non-condensing)	Up to 90% RH (non-condensing)
<b>Acoustic Parameters</b>			
Impedance	8 Ohms	8 Ohms	8 Ohms
Frequency Response	60 Hz – 20 KHz	55 Hz – 20 KHz	60Hz – 20KHz
Efficiency	90 dB	89 dB	90dB
<b>Woofers</b>	<ul style="list-style-type: none"> <li>• 6.5" Driver</li> <li>• Polyurethane Injection Molded Cone</li> <li>• Neoprene Coated Rubber Surround</li> <li>• Copper Wire Wound, Fiber Reinforced Plastic Voice Coil</li> <li>• Open pole and dust cap to allow for coaxially mounted Tweeter</li> </ul>	<ul style="list-style-type: none"> <li>• 6.5" Driver</li> <li>• Glass Fiber Weave Cone</li> <li>• Perforated Stamped Steel Basket</li> <li>• Copper Wire Wound, Aluminum Voice Coil</li> <li>• Open pole and dust cap to allow for coaxially mounted Tweeter</li> </ul>	<ul style="list-style-type: none"> <li>• 6.5" Driver</li> <li>• Polyurethane Injection Molded Cone</li> <li>• Neoprene Coated Rubber Surround</li> <li>• Copper Wire Wound, Fiber Reinforced Plastic Voice Coil</li> <li>• Open pole and dust cap to allow for coaxially mounted Tweeter</li> </ul>
<b>Tweeter</b>	<ul style="list-style-type: none"> <li>• 1.0" Polyurethane Film Laminated Cloth Soft Dome</li> <li>• Coaxial Mounted Housing and Pole Extension</li> <li>• Tweeter housing with a 15° swivel capability in any direction</li> <li>• Copper Voice Coil</li> </ul>	<ul style="list-style-type: none"> <li>• 1.0" Aluminum Hard Dome</li> <li>• Coaxial Mounted Housing and Pole Extension</li> <li>• Tweeter housing with a 15° swivel capability in any direction</li> <li>• Copper Voice Coil</li> </ul>	<ul style="list-style-type: none"> <li>• 1.0" Aluminum Hard Dome</li> <li>• Coaxial Mounted Housing and Pole Extension</li> <li>• Tweeter housing with a 15° swivel capability in any direction</li> <li>• Copper Voice Coil</li> </ul>