

**CHANNEL VISION™**  
**10 Year Limited Warranty**

Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for ten years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.

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500-248 rev B

**INSTRUCTIONS**



**IC824**  
**8" IN-CEILING SPEAKER**

**ARIA**  
BY **CHANNEL VISION™**

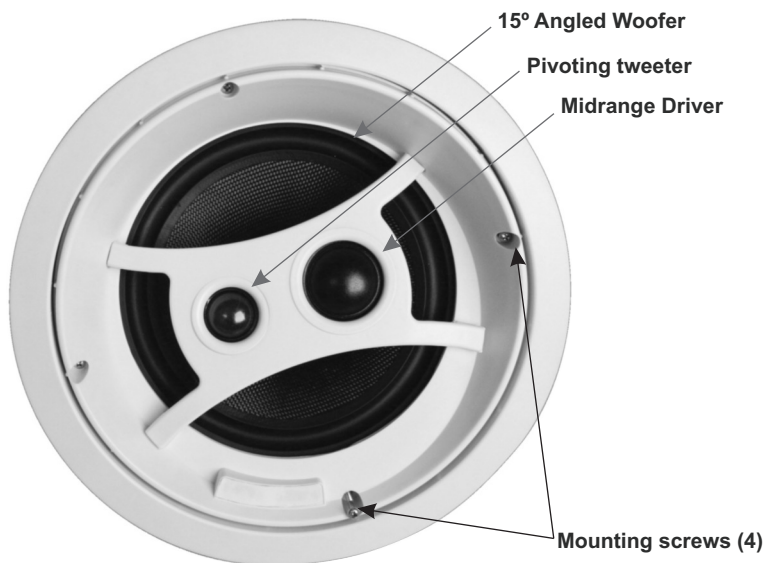
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# Model IC824

Channel Vision's ARIA™ IC824 8" in-ceiling custom installation speakers feature high power handling capability providing true stereo quality sound and not simply background music. The pivoting tweeter and 15° angled woofer can be aimed to any position to custom fit any room, making them perfect for home theater applications as well as whole-house audio. High quality materials ensure long life and great performance. Gold speaker wire terminals not only provide better contact surface but also offer less resistance to signal transfer for a clearer sound.

## Features:

- 8" High performance in-ceiling loudspeaker
- High power handling capacity
- Recommended power: 20W to 200W (peak)
- Gold speaker terminals
- Pivoting tweeter technology with 1" voice coil
- 1.5" Soft dome midrange driver
- 15° angled Kevlar woofer with butyl rubber surround
- Small perforated designer grill



## Installation:

- Use the provided template to mark and cut a 9.88" hole in drywall away from ceiling joists.
- We recommend AWG 16 stranded wire or larger.
- For proper phasing, both speakers must be wired alike. Connect red wires to red terminals on the speakers and to red or plus terminals on the amplifier.
- Install IC824 in the hole. Tighten the mounting screws. The mounting "dogs ears" will rotate outward and grip the drywall. **DO NOT OVER TIGHTEN** the screws. A battery operated drill on a "low clutch" setting is recommended.
- Aim tweeter
- To control the volume of the speaker locally, use an impedance matching volume control, such as the Channel Vision VC-302.

## Specifications:

**Frequency range:** 40Hz - 22kHz ± 6dB

**Crossover:** 12dB/octive (low pass)  
6dB/octive (mid pass)  
12dB/octive (high pass)

**Sensitivity:** 90dB (1W/1m)

**Power Handling:** 200 Watts peak

**Drivers:** 1- 1" Neodymium soft dome pivoting tweeter  
1- 1.5" Soft dome midrange driver  
1- 8" 15° Angled Kevlar woofer

**Magnet:** 22-ounce ferrite magnet

**Impedance:** 8 ohms

**Finish:** ABS plastic

**Dimensions:** 10-3/4" OD. 4-1/2" height (from surface of wall board)  
hole size: 9.88" diameter

Specifications subject to change without notice.