NEW TRIMLESS ANGLED 6.5” 2-WAY IN-CEILING SPEAKERS
HD650.1A

- **Speaker Assembly:** Mounted in 20 degree angled housing.
- **Woofer:** 6.5” Woven Kevlar® cone with rubber surround, 22 oz Magnet, 1” voice coil, vented pole piece, bumped back plate.
- **Tweeter:** 1” titanium dome tweeter, ferro-fluid cooled,neodymium magnet, swivel 30 degrees, wide dispersion
- **Crossover:** 12dB on woofer section, and 12dB on tweeter section,
- ▲ Polyimide switeh-auto protective reset switch for overloading
- ▲ Gold plated terminal posts will accept 14AWG wire
- ▲ +3/0/-3 dB switchable on tweeter
- **Overall Frequency Response: 40Hz – 24,500 Hz (+ - 9dB)**
- **Lower Frequency Limit: 50 Hz (-3dB)**
- **Upper Frequency Limit: 22,000Hz (-3dB)**
- **Sensitivity:** 89 dB
- **Maximum Thermal Rating:** 125 watts
- **Impedance:** 8 ohms
- **Cut out size:** 8.23”
- **Installation Depth:** 4.72”
- **Dimensions (pair pack):** 10.4” (H) X 10.6” (W) X16.5” (L)
- **SHIPPED WITH GRILLES, CUTOUT TEMPLATES**

INWALL AUDIO/VIDEO AND NETWORKING, INC.

Lifetime Warranty

INWALL AUDIO/VIDEO AND NETWORKING, INC. 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 , for lifetime 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 **INWALL AUDIO/VIDEO AND NETWORKING, INC.** 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.

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 **INWALL AUDIO/VIDEO AND NETWORKING, INC.**, or an anthorized dealer. Any unauthorized repairs will void this warranty.

InwallTech

HD650.1A

NEW TRIMLESS ANGLED 6.5” 2-WAY IN-CEILING SPEAKERS

NEW TRIMLESS ANGLED DESIGN

Inwall Audio/Video and Networking, Inc.
19363 Willamette Dr. #160
West Linn, OR 97068
800-786-3197

Description:

InwallTech full range of stereo custom installation Loud**-**speakers have been designed for easy In-Wall or Ceiling mounting. Please read the instructions thoroughly before beginning, then select the proper hook-up configuration and follow the step-by-step instructions for a successful installation and years of listening pleasure.

Mounting Considerations:

Caution: When choosing a location for mounting the Speakers, make certain the wall or ceiling material is sturdy enough to support the weight of the speakers.

Decide where the Speakers will be mounted. Be careful not to mount them over a stud or any other obstruction and at least 1" from the stud. Be certain you can run the Speaker wire to the point where the speaker will be mounted.

InwallTech recommends 16 gauge speaker wire for distances up to 100 feet. For lengths up to 150 feet use 14 gauge speaker wire. Lengths over 150 are not recommended.

Mounting Instructions:

1. Using the template as a guide (Inside Speaker box) carefully cut a hole in the wall or ceiling. Find the Speaker wire leads and pull them through.

2. Just simply remove the grille towards you.

3. Hook-up the pre-wired Speaker leads to the input terminals as necessary.
   Note: **Be sure to observe proper polarity when connecting the Speaker wire to the Speaker.**

Red= Positive(+) **Black= Negative(-)**

4. Place the Speaker in the cutout.

5. To install the Speaker rotate the (4) locking clamps counterclockwise so that they sit flush against the side of the Speaker to release the locking clamps.

6. Insert the Speakers into the cutout and tighten the clamps clockwise until they firmly clamp the Speaker to the mounting surface.
   Note：**Do not over tighten the screws.**

7. Position the Grille on the baffle and firmly push it into the flange until you feel it is securely in position.

8. The Speaker system is now ready to be turned on.

9. For removal of the custom installation Speaker, remove the grille. Turn the (4) locking screws counterclockwise until they release from the wall or ceiling. Pull the system out and disconnect the Speaker wires.