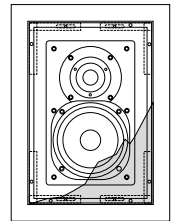




# Triad Installation Guide

InWall Satellites, Monitors, LCR's, Centers,  
Surrounds & Omni's



## Products

InWall Bronze Satellite  
InWall Silver Satellite  
InWall Gold Satellite

InWall Silver/4 Monitor  
InWall Silver/6 Monitor

InWall Bronze/4 LCR  
InWall Silver/6 LCR  
InWall Silver/4 Center  
InWall Silver/6 Center  
InWall Gold/6 LCR  
InWall Gold/10 LCR

InWall Bronze/4 Surround  
InWall Silver Surround  
InWall Gold Surround

InWall Silver/4 Omni  
InWall Gold/4 Omni  
InWall Omni Round

## ***Thank You...***

For purchasing Triad's line of high performance inwall speakers.

Each loudspeaker is created with the utmost attention to quality and designed to be architecturally flexible with your room decor.

All Triad speakers are engineered and hand-crafted with pride in the United States of America.

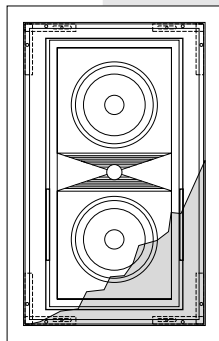
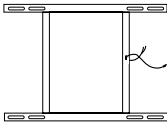
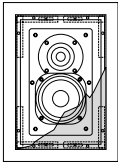
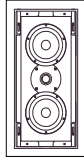
Please take the time to review this information. We have developed this manual so you would be familiar with all the performance features, and could better appreciate the superb engineering that has been built into your Triad loudspeakers.

At Triad we build only fully engineered loudspeakers with sealed back-boxes. We believe you will enjoy the rich natural music in the rooms you have selected for our speakers, and the quiet in the adjoining rooms, where the sealed enclosure prevents unintended transmission of the sound.

Thanks again and happy listening.

Larry Pexton  
President

# Table of Contents



<b>Triad Installation Guide:</b>	<b>Page:</b>
InWall Speaker Specification Chart	3
New Construction Bracket Installation	4
Retro-fit Installation	5
Volume Control Wiring Diagram: Satellites & Subwoofer	7
Volume Control Wiring Diagram: Satellites Only	8
InWall Bronze Center Mounting Options	9
Warranty and Dealer Information	10

## ***InWall Speakers Product Specification Chart***

	<b>Cabinet (WxHxD)</b>	<b>Hole Cutout (WxH)</b>
<b>InWall Bronze Satellite</b>	7 <sup>5</sup> / <sub>16</sub> " x 10 <sup>15</sup> / <sub>16</sub> " x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 8 lbs.	7 <sup>1</sup> / <sub>2</sub> " x 11 <sup>1</sup> / <sub>4</sub> "
<b>InWall Silver Satellite</b>	8 <sup>5</sup> / <sub>16</sub> " x 12 <sup>1</sup> / <sub>8</sub> " x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 11 lbs.	8 <sup>1</sup> / <sub>2</sub> " x 12 <sup>5</sup> / <sub>16</sub> "
<b>InWall Gold Satellite</b>	10 <sup>3</sup> / <sub>4</sub> " x 19" x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 19 lbs.	11" x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Silver/4 Monitor</b>	10 <sup>3</sup> / <sub>4</sub> " x 19" x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 24 lbs.	11" x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Silver/6 Monitor</b>	8 <sup>5</sup> / <sub>16</sub> " x 19" x 5 <sup>15</sup> / <sub>16</sub> " Shipping weight 24 lbs.	8 <sup>1</sup> / <sub>2</sub> " x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Bronze/4 LCR</b>	10 <sup>3</sup> / <sub>4</sub> " x 19" x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 20 lbs.	11" x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Silver/6 LCR</b>	10 <sup>3</sup> / <sub>4</sub> " x 19" x 5 <sup>15</sup> / <sub>16</sub> " Shipping weight 30 lbs.	11" x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Silver/4 Center</b>	19" x 10 <sup>3</sup> / <sub>4</sub> " x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 33 lbs.	19 <sup>1</sup> / <sub>4</sub> " x 11"
<b>InWall Silver/6 Center</b>	19" x 10 <sup>3</sup> / <sub>4</sub> " x 5 <sup>15</sup> / <sub>16</sub> " Shipping weight 33 lbs.	19 <sup>1</sup> / <sub>4</sub> " x 11"
<b>InWall Gold/6 LCR</b>	10 <sup>3</sup> / <sub>4</sub> " x 19" x 5 <sup>15</sup> / <sub>16</sub> " Shipping weight 32 lbs.	11" x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Gold/10 LCR</b>	10 <sup>3</sup> / <sub>4</sub> " x 19" x 8-10" Shipping weight 36 lbs.	11" x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Bronze/4 Surround</b>	12" x 12" x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 15 lbs.	13 <sup>3</sup> / <sub>4</sub> " x 13 <sup>3</sup> / <sub>4</sub> "
<b>InWall Silver Surround</b>	13 <sup>1</sup> / <sub>2</sub> " x 13 <sup>1</sup> / <sub>2</sub> " x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 15 lbs.	13 <sup>3</sup> / <sub>4</sub> " x 13 <sup>3</sup> / <sub>4</sub> "
<b>InWall Gold Surround</b>	14 <sup>1</sup> / <sub>4</sub> " x 19" x 3 <sup>15</sup> / <sub>16</sub> " Shipping weight 28 lbs.	14 <sup>3</sup> / <sub>8</sub> " x 19 <sup>1</sup> / <sub>4</sub> "
<b>InWall Silver/4 Omni</b>	13 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>4</sub> " x 13" Shipping weight 40 lbs.	8 <sup>1</sup> / <sub>2</sub> " x 12 <sup>5</sup> / <sub>16</sub> "
<b>InWall Gold/4 Omni</b>	13 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>4</sub> " x 13" Shipping weight 40 lbs.	11" x 16 <sup>5</sup> / <sub>16</sub> "
<b>InWall Omni Round</b>	13 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>4</sub> " x 13" Shipping weight 40 lbs.	7 <sup>3</sup> / <sub>4</sub> " Diameter

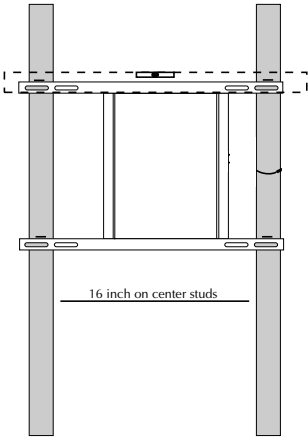
## New Construction Installation

### Tools you'll need:

- Power Screw Driver or Hammer
- Wire Strippers
- Level
- Pencil or Pen

### Supplies you'll need:

- Triad (NCB) New Construction Bracket
- Screws or Nails for attaching NCB to studs

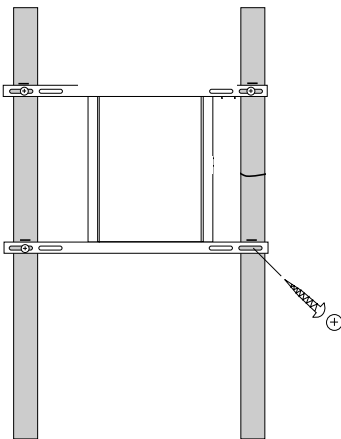


### Step One - Mark

Locate the area where the speaker will be placed on the stud wall keeping in mind that the speaker when installed will take up the *full wall cavity* within the NCB location (i.e. free from electrical wires, water pipes, etc.).

Position the bracket between the desired two studs. Take special note of the location, of the direction arrows silk screened to the inside of the bracket. As you face the wall these arrows should be facing into the room.

With the level resting on top of the NCB make sure the bracket's top is level and mark with pencil, the location where the NCB touches the studs.



### Step Two - Attachment

Re-check NCB alignment with marks from step one, and attach screws through attachment holes on NCB. Re-check squareness and adjust if necessary.

### Step Three - Wire

Attach the wires from the source to the speaker.

You're done! Now the sheet rock people can sheet rock directly to the NCB for a clean look. When you're ready to install the speaker, refer to step two of the "*Retro-fit Installation*" section of this manual.

## ***Retro-fit Installation***

### **Tools you'll need:**

- #2 Philips Hand or Power Screw Driver
- Drywall Knife/Saw
- Wire Strippers
- Stud finder
- Level
- Pencil or Pen

### **Supplies:**

- Scrap cardboard or foam – for 6" deep walls
- InWall Speaker enclosure from Triad

### **Step One - Locate** (how to find an open stud cavity)

Locate the area where the speaker will be placed in the wall keeping in mind that the speaker when installed will take up the full wall cavity (i.e. free from wires, pipes, insulation etc.).

Use the stud finder to locate the two studs between which you wish to install the speaker. Make a small hole in the wall (about 3/32") centered between the two studs and insert a straightened coat hanger end bent so it has a seven inch extension which can be spun in the fourteen inch opening between the studs. If you don't encounter any wires or pipes as you rotate the coat hanger you probably can install the speaker in the wall.

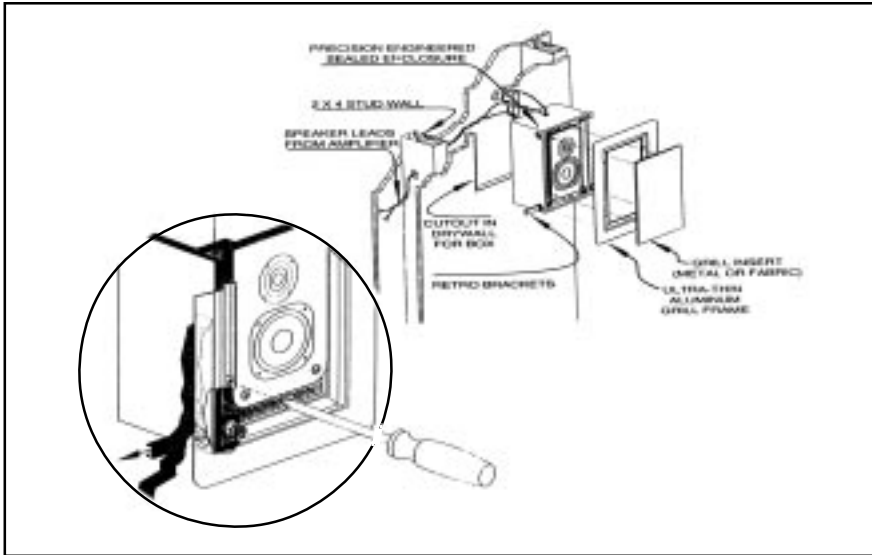
Using the speaker box as a guide, mark the outline on the wall with pencil. Adjust for squareness and cut along outlined mark with a drywall knife/saw slowly, trying not to chip out the drywall excessively.

### **Step Two - Wire**

Take the inwall speaker box and loosen the 4 black Philips screws attached to the 4 silver retro brackets so the bracket can slide out of the holes in the top and bottom of the speaker. Next, remove the 4 long black Philips screws. These screws will be used to hold the frame to the speaker box. Keep the screws & frame (without grill insert) close by, you'll need them soon.

Attach your speaker wires to the Triad speaker enclosures wire or binding posts. Remember the red is positive and black is negative.

## Retro-fit Installation



### Step Three - Attachment

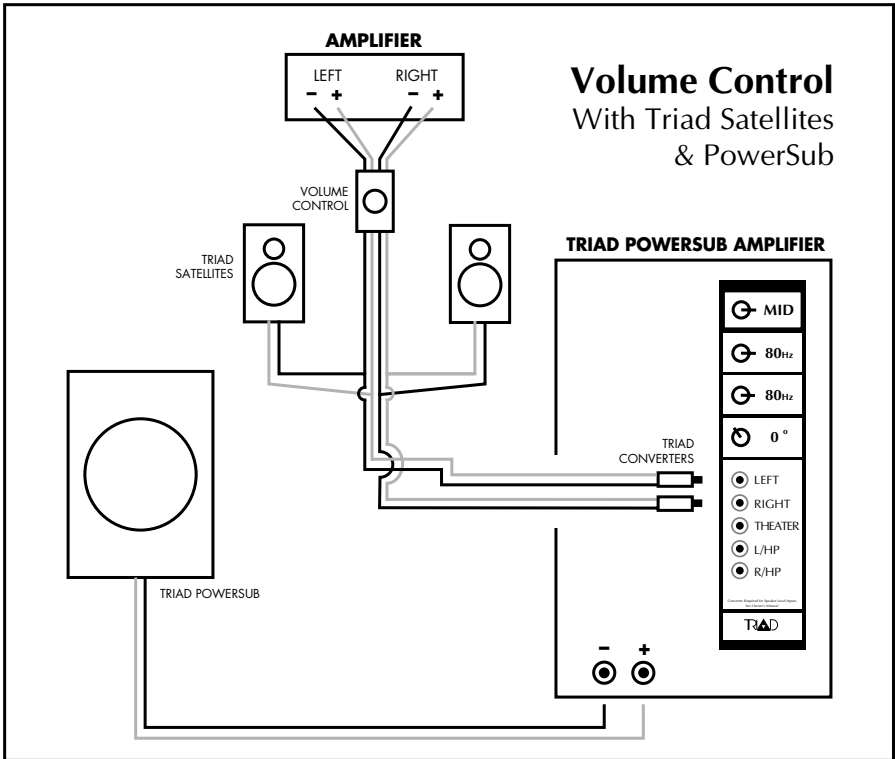
With the speaker wires attached, place the box inside the wall cavity and slide the retro brackets out and tighten the retro screws.

**Please note:** when placing a 4 inch box into a 6 inch wall the box will have a tendency to want to fall backwards into the wall. To avoid this, try taping a scrap piece of foam or cardboard (2" thick) to the back side of the speaker box.

Attach the grill frame to the speaker box using the (4) long black screws. The frame will sandwich the sheet rock between the frame and the retro brackets, holding the speaker in the wall. Be sure not to over-tighten the frame screws to avoid bending the aluminum grill frame.

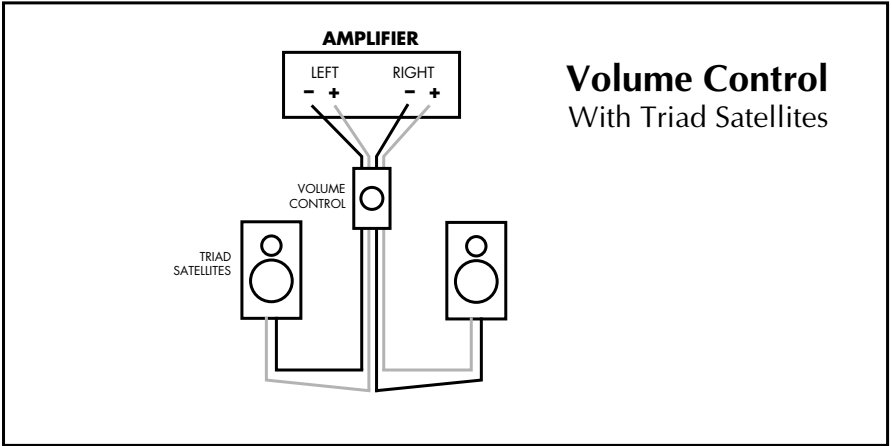
Finally, attach the Acoustimesh grill to the frame starting with the bottom working your way up, pressing it into the channel carefully.

## Volume Control Wiring Diagram: Satellites & PowerSub



From the volume control, "Y" the speaker wires so that one set goes to the Satellites, and the other set goes to the Triad PowerSub amplifier through a converter. You may only "Y" one channel if you wish to limit deep bass by using the Theater input on the Triad PowerSub amp.

# Volume Control Wiring Diagram: Satellites Only



## Notes:

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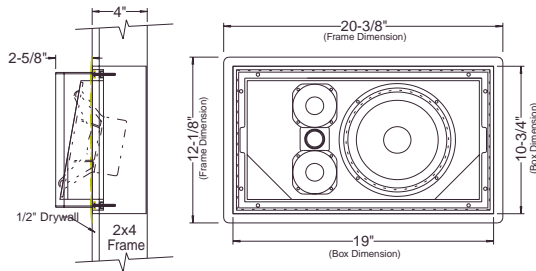
# InWall Silver Center Mounting Options

## InWall Silver/4 Center Mounting

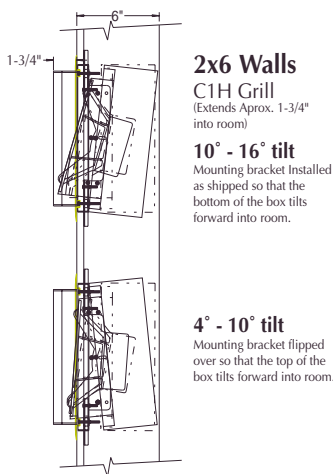
C2H Grill (Extends Aprox. 2-5/8" into room)

2x4 Wall (4" Mounting Depth)

Fixed 10° angle



## InWall Silver/6 Center Mounting

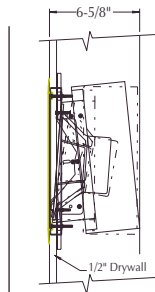


### 2x6 Walls

C1H Grill  
(Extends Aprox. 1-3/4" into room)

**10° - 16° tilt**  
Mounting bracket installed as shipped so that the bottom of the box tilts forward into room.

**4° - 10° tilt**  
Mounting bracket flipped over so that the top of the box tilts forward into room.



### False Wall

C Flat Grill\*  
(6-5/8" Mounting Depth Required)

**4° - 10° tilt**  
Mounting bracket flipped over and installed using the rear holes so that the box is set back into the wall with the top tilting forward into room.

\*Optional - Please specify "Flat Grill" when ordering.

## Warranty Information

For your convenience, we have included a handy place below for you to record your loudspeakers model and serial numbers, the purchase date, and your dealers name and telephone number.

If for some reason service becomes necessary, please keep this book and the sales slip together in a safe place for future reference. Triad products are warranted to be free from

### Speaker

Model: \_\_\_\_\_ Serial #'s \_\_\_\_\_

Model: \_\_\_\_\_ Serial #'s \_\_\_\_\_

Model: \_\_\_\_\_ Serial #'s \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Purchase Date: \_\_\_\_\_ Phone: \_\_\_\_\_

defects in materials and workmanship for the period stated below when operated under **normal** use.

**Amplifier:**      **Warranty three (3) years**  
**Loudspeaker:**      **Warranty ten (10) years**

**This limited warranty period begins on the date of purchase.** This limited warranty is extended only to Triad products and is expressly in lieu of all other warranties expressed or implied.

Should any defect in materials and workmanship occur within the limited warranty period, please contact Triad at 1-800-666-6316 to **obtain a Return Authorization (RA) number**. The product should be returned to us prepaid, together with proof and date of purchase and the RA number clearly visible on the outside of the box. At our option, we shall repair or replace the product and return it prepaid. If you do not have suitable packaging for the product, contact your dealer, or we can provide it for you.

This limited warranty is extended only to the original purchaser and is not transferable. Warranty covers only products sold in the United States by authorized Triad dealers. Transit damage is not covered by this limited warranty and if such damage should occur, we will assist you in filing a claim with the shipping company.

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