

# TANNOY®

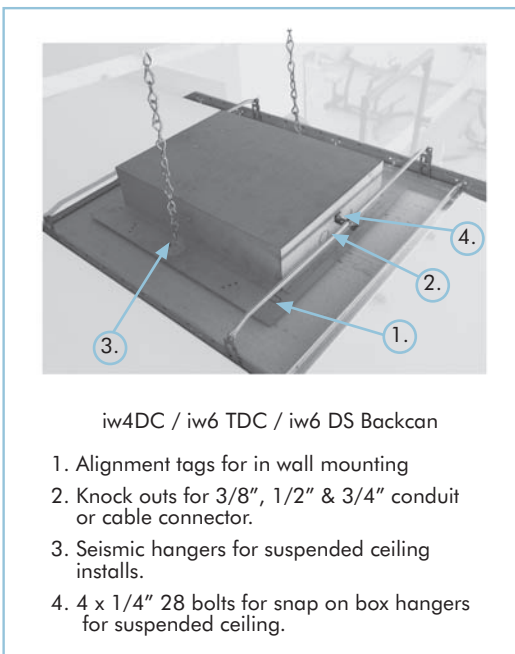
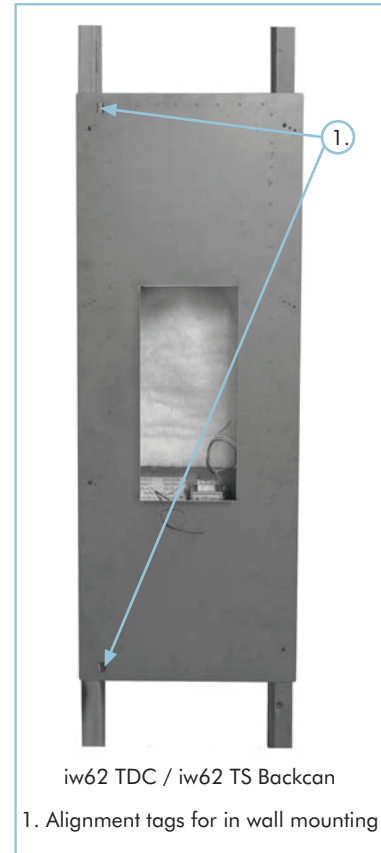
## IN WALL BACKCAN INSTALLATION GUIDELINES

### Models:

- iw4DC Backcan Part # 8000 5130	-iw4DC Backcan with Transformer Part # 8000 5140		
- iw6 TDC / iw6 DS Backcan Part # 8000 4020	- iw6 TDC / iw6 DS Backcan with Transformer Part # 8000 4230	- iw62 TDC / iw62 TS Backcan Part # 8000 4220	- iw62 TDC / iw62 TS Backcan with Transformer Part # 8000 4240

### IN WALL INSTALLATION - All models applicable to this application

- Using screws that are at least 3/4" long, affix back can to studs or joists. Tannoy recommends a minimum of four screws for the iw4DC / iw6 TDC / iw6 DS backcan and a minimum of 8 screws for the iw62 TDC / iw62 TS backcan.
  - Run appropriate gauge and type of wire for your particular installation to the backcan location. 1/2" or 3/4" conduit is also an option.
  - Install a suitable connector for wire chosen into the 1/2" or 3/4" knock out. Run wire through connector, leaving enough length to reach transformer or loudspeaker with excess for ease of connection.
  - Transformer model only. *\* Baffle installs with woofer to transformer end only \**  
Connect the transformers red (+) and black (-) leads to the wire that was run previously through the connector. The transformer in the iw4 DC back-can is factory set at 30W/ 70V. The transformers in the iw6 DS, iw6 TDC, and iw62 TDC back-cans are factory set at 60W/ 70V. These wattage tapings can be changed by adjusting the connection location of the red wire on the transformer.
    - Non-Transformer model.  
Leave excess wire in the backcan until drywall or desired finishing is complete.
  - The flange on the front of the backcan will protrude through the drywall and act as a guide for drywall installation.
  - Transformer model only.  
After desired finishing is complete, connect the brown (+) and blue (-) leads from the transformer to the red (+) and black (-) terminals on the chosen loudspeaker model.
    - Non-Transformer model.  
After desired finishing is complete, connect the previous installed wire in the backcan to the red (+) and black (-) terminals on the chosen loudspeaker model.
- \* On the iw6 TDC and iw62 TDC loudspeaker models an optional ground wire may be used to reduce RF interference \*
- Follow installation instructions found in the chosen loudspeaker manual for final speaker installation.



### DROP CEILING INSTALLATION - iw4DC / iw6 DS / iw6 TDC backcan only

- Cut appropriate sized hole into the ceiling tile. ( 7" x 11").
- Attach two box hangers to backcan using the supplied 1/4" 28 bolts.
- Place backcan onto the tile with the precut hole, flanges will allow alignment with the ceiling tile.
- Snap box hangers onto the top of the T-bar ceiling rails.
- Run appropriate gauge and type of wire for your particular installation to the backcan location. 1/2" or 3/4" conduit is also an option.
- Install a suitable connector for wire chosen into the 1/2" or 3/4" knock out. Run wire through connector, leaving enough length to reach transformer or loudspeaker with excess for ease of connection.
- Transformer model only. *\* Baffle installs with woofer to transformer end only \**  
Connect the transformers red (+) and black (-) leads to the wire that was run previously through the connector. Wattage tap is factory set at 60 Watt / 70 Volt. Wattage can be changed by adjusting the connection. The transformer in the iw4 DC back-can is factory set at 30W/ 70V. The transformers in the iw6 DS, iw6 TDC, and iw62 TDC back-cans are factory set at 60W/ 70V. These wattage tapings can be changed by adjusting the connection location of the red wire on the transformer.
  - Non-Transformer model.  
Connect the previous installed wire in the backcan to the red (+) and black (-) terminals on the chosen loudspeaker model.
- Follow installation instructions found in the chosen loudspeaker manual for final speaker installation.