

DECOUPLER CLIPS

RSIC-DC04 Decoupler Clips

For applications that demand a higher sound transmission reduction, SoundSense DC-04 (X2) Decoupler clips are ideal for dropped ceiling applications and decoupling studs from ceiling/floor joists.

Applications:

- Home Theaters
- Mechanical rooms
- Libraries/Study
- Gyms
- Golf Rooms
- Master Suites

Installation:

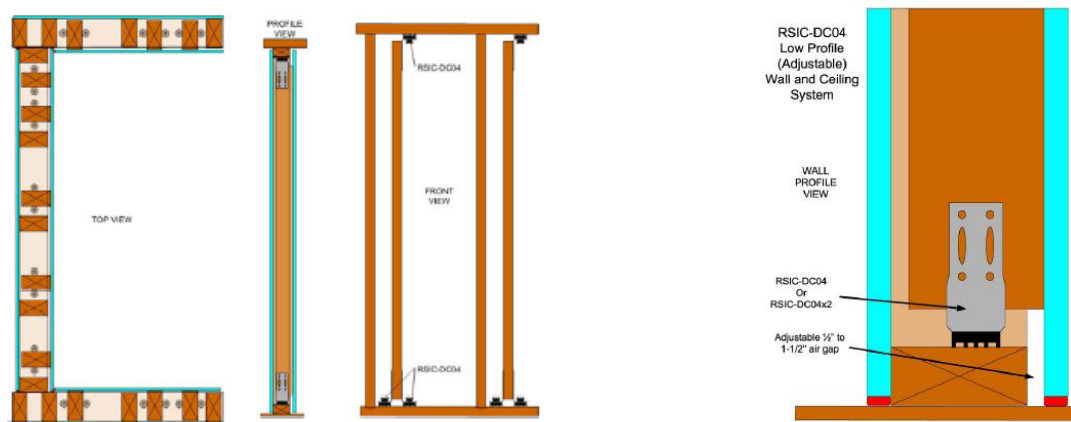
Decoupler clips are attached directly to studs or joists with approved screws (#8 X 2-1/2" course thread for wood, #8 1-5/8" fine threads for steel).

The DC-04 (X2) Clip is used as support for studs as seen below in Figure 1. The DC-04 (X2) Clips are attached to the ceiling and wire hanger is attached to the end of the clip as seen in Figure 2. For higher sound reduction, attach SoundSense LV-1 or SoundSense NO-2 to the furring channels. Then add two layers of sheetrock to the SoundSense LV-1 & NO-2.



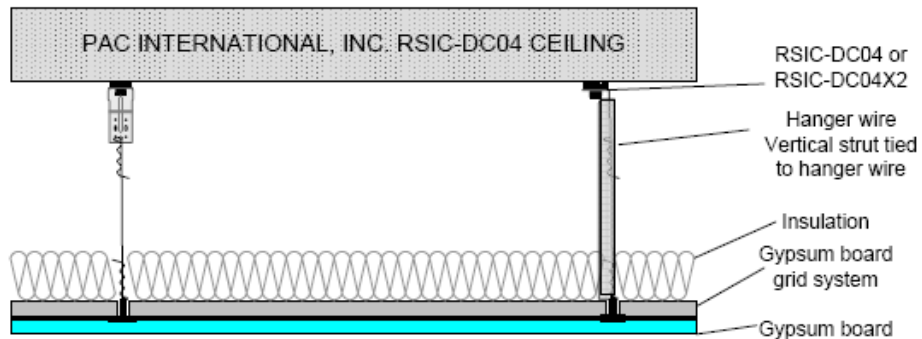
FIGURE 1: Low Profile Wall Assembly [Standard]

Wall Assemblies for heavy duty applications also available



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FIGURE 2: Dropped Ceiling
[Vertical Strut Assembly – Right]



Physical Properties:

Clip Dimensions:	See Below
Thickness:	½" to 2" (<i>Adjustable height for Low Profile applications</i>)
Material Composition:	Natural blend neoprene grommet pad, threaded shaft attached to a center bushing of electroplated zinc mild steel with a galvanized steel retainer clip
Hardness:	Shore A of 50 (neoprene grommet)
Tensile Strength:	10-11.2 MPa (neoprene grommet)
Heat Resistance:	70° C for 70 hours

