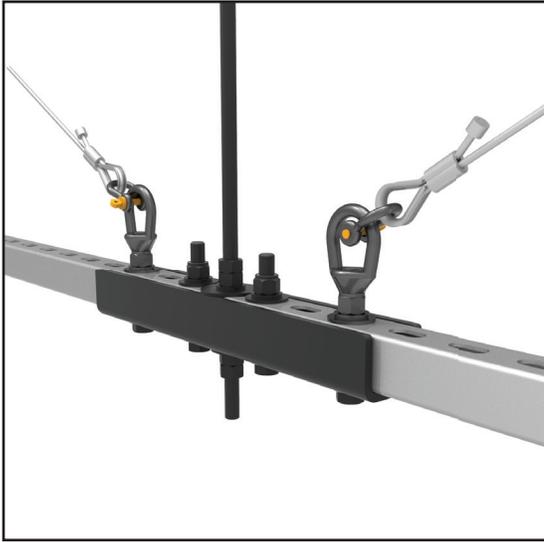


# Installation Guide

## CG-P1377-JBX2

### CHANNEL STRUT JOINER BRACKET EXTENDED



The CG-P1377-JBX2 joiner bracket securely connects and lines up two 1-5/8" sq. strut channels together to create a continuous channel. A threaded rod can be attached to the center of the joiner bracket for extra support. Tensioning cable can also be attached to the joiner bracket using the eyenuts.

#### Contents:

Be sure that all of the following items are included in this kit before proceeding:

- 1 pc Joiner Bracket
- 4 pcs 1/2-13 Hex Bolt x 3 1/2" Long
- 4 pcs Flat Washers, 1/2"
- 4 pcs 1/2-13 Nyloc Hex Nuts
- 10 pcs Sound isolation washer
- 1 pc Fender Washer, 1/2"
- 4 pcs Hex Nut, 1/2-13

#### Installation Procedure:

**Step 1:** Align two strut channels together with the same opening orientation (Figure 1).

Figure 1

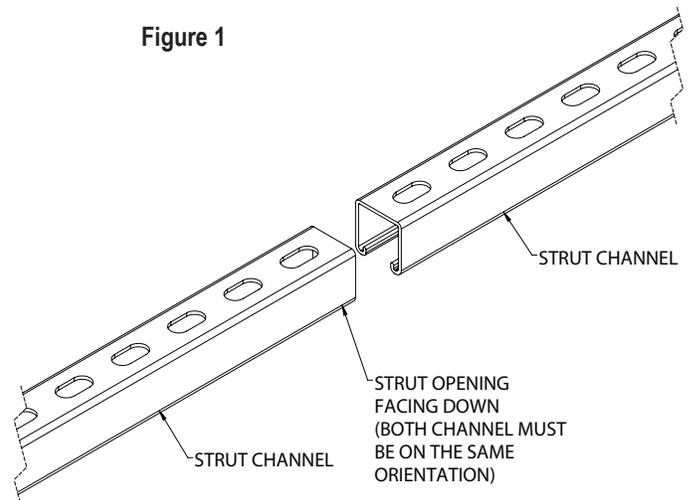
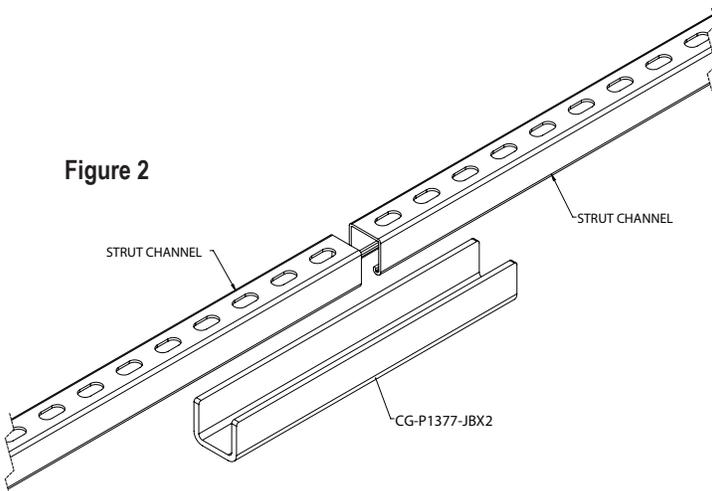


Figure 2



**Step 2:** Place the CG-P1377-JBX2 joiner bracket under the opening of the strut channels and slowly push until strut channel are seated inside the joiner bracket. Position and center the Joiner bracket in between the joining ends of the strut channel. Leave a gap between the two strut channels. (Figure 2).

#### ALWAYS INSTALL SAFETY CABLES

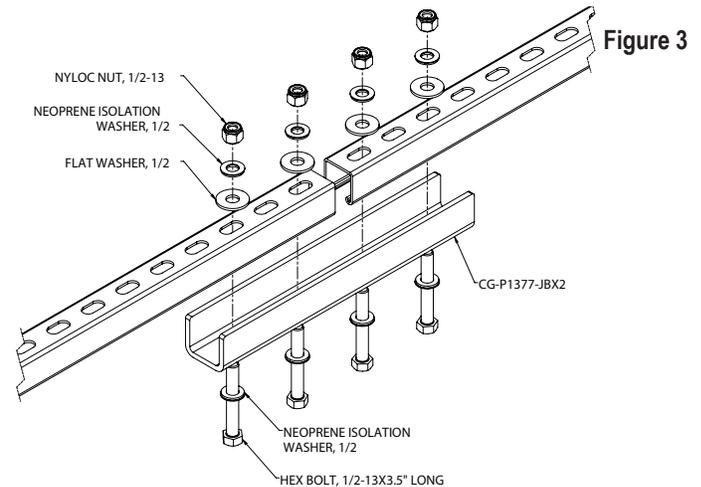
**WARNING:** Mounting and/or suspension of audio and video equipment requires experienced professionals. Improperly installed loudspeakers can result in property damage, personal injury and/or liability to the installing contractor.

# Installation Guide

## CG-P1377-JBX2

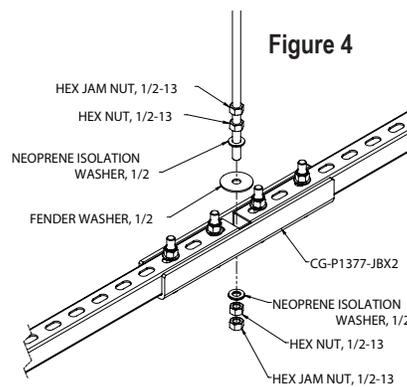
### CHANNEL STRUT JOINER BRACKET EXTENDED

**Step 3:** Secure the strut channels to the Joiner bracket using the provided bolts, sound isolation flat washer, flat washers and Nylock nuts. Make sure that the head of the bolts are on the Joiner brackets side (Figure 3). Before permanently tightening the Bolts, make sure that there is at least a  $\frac{3}{4}$ " spacing between the strut channels.



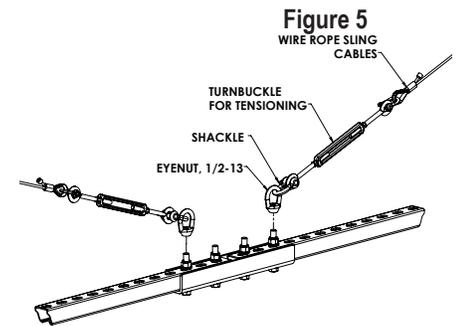
**Step 4: Optional All-Threaded Rod Installation**

Position the joiner bracket to the mounted all-thread rod. The all thread rod must be already installed to the ceiling structure. Install two hex nut onto the all thread rod and a fender washer then Insert the all thread rod to the center of the joiner bracket. Secure the joiner bracket to the mounted all-thread rod with the supplied flat washer, neo-bonded flat washer and two hex nuts (Figure 4).



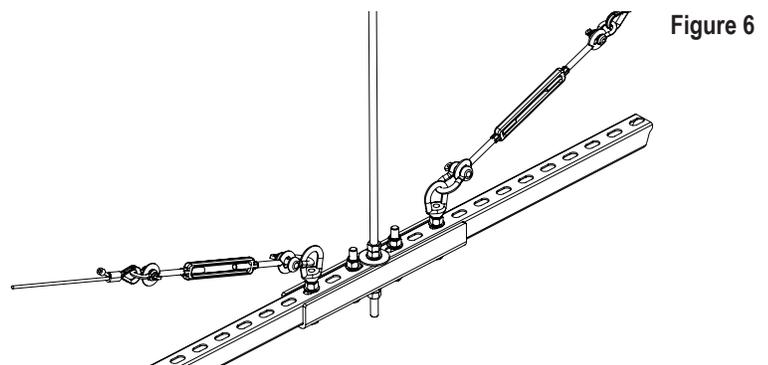
**Step 5: Optional Tensioner Wire Rope Installation**

To support the strut connections, attach  $\frac{1}{2}$ -13 eyenuts on the exposed threads of the outer bolts, then attached cables using shackles or other load rated rigging hardware (Figure 4). A turnbuckle can also be used to adjust tension (Figure 5)



**Step 6: Optional All Thread Rod and Wire Rope installation:**

A wire rope and all thread rod can also be install at the same time to further strengthen the strut connection (step 6).



**Caution:** Due to the wide variety of structures, environments, materials and rigging methods, the installing contractor must exercise good judgment in selecting the proper mounting area and hardware.

**Note to installers:**

Due to the wide variety of wall structures, materials and mounting methods, the installing contractor must exercise proper judgment in selecting the mounting area and hardware.

As a guide, the installation, when complete should be capable of supporting 5 to 10 times the actual applied load. Always use a backup safety system such as a safety cable.

To assure a trouble-free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the proper hardware to use, consult a structural and/or hardware specialist.

**ALWAYS INSTALL SAFETY CABLES**

**WARNING:** Mounting and/or suspension of audio and video equipment requires experienced professionals. Improperly installed loudspeakers can result in property damage, personal injury and/or liability to the installing contractor.