Installation Guide — BB 700M

The Extron® BB 700M is a wall box for wall-mounting Extron TLP 700MV TouchLink™ panels. It provides access for A/V signals and 12 VDC power. A trim ring (TR 700M), is available as an optional accessory.

This Installation Guide provides instructions for mounting the BB 700M in a new installation or retrofitting an existing drywall.

Retrofit an Existing Installation (After the Drywall is in Place)

1. Remove the screws holding the top and bottom endplates of the BB 700M to the U-plate (sides and back). Separate and remove the endplates.

2. Use the trim ring or the back face of the U-plate to mark the position where the hole will be cut.

   NOTE *The hole is 9.55 inches (24.26 cm) wide x 6.55 inches (16.64 cm) high.*

   TIP *Use a level and temporarily secure the trim ring to the wall to ensure the position of the hole is marked as accurately as possible. Once the hole is marked, remove the trim ring to avoid damaging it while cutting the drywall.*

3. Use a drywall saw to cut out a hole where the TLP 700MV will be installed. Cut **on** the lines that you marked in step **2**.

4. Run the cable conduits through the wall to the top of the hole. Leave some slack to connect the conduit to the BB 700M and the cables to the TLP 700MV.

5. If necessary, clear the cables and conduits from the space behind the hole so that it is clear for the U-plate to be inserted.

6. Insert the U-plate into the hole (see figure 1).

   NOTE *The tabs of the wall box sit on the outer face of the drywall.*

7. Pull back the cables that were cleared out of the way in step **5**.

8. Secure one or more conduits to one of the endplates. There are punch-outs in the top and bottom endplates (see figure 2).

9. Slide the endplates into the gap between the back of the U-plate and the top flanges on the side of the U-plate (see inset in figure 2). The endplate must pass the drywall so that it can be pushed up behind it.

10. Snap the four plastic ribs from the TR 700M trim ring so that the trim ring fits over the metal tabs of the BB 700M (see inset in figure 3).

11. Secure the trim ring to the wall with four screws through the holes in the frame (two on each side).

12. Finish installing the TLP 700MV as described in steps **8** to **11** on the next page (and see figure 3).
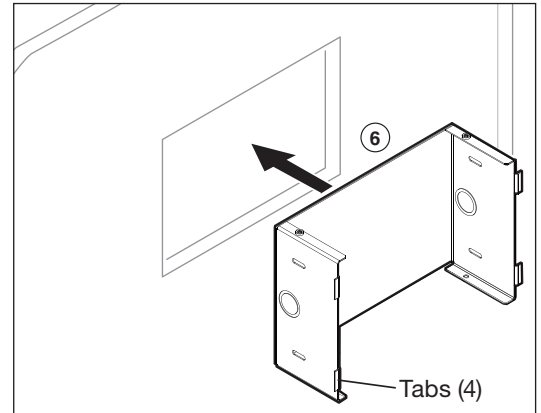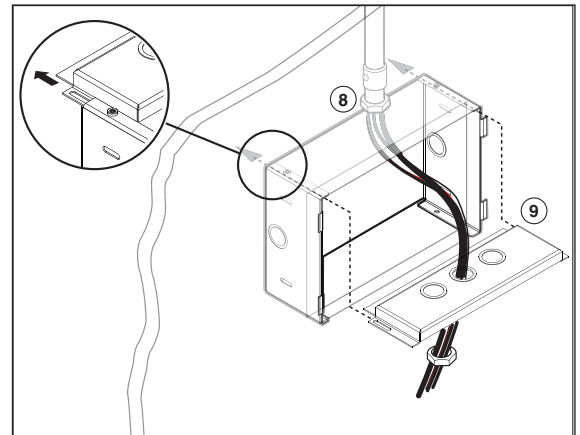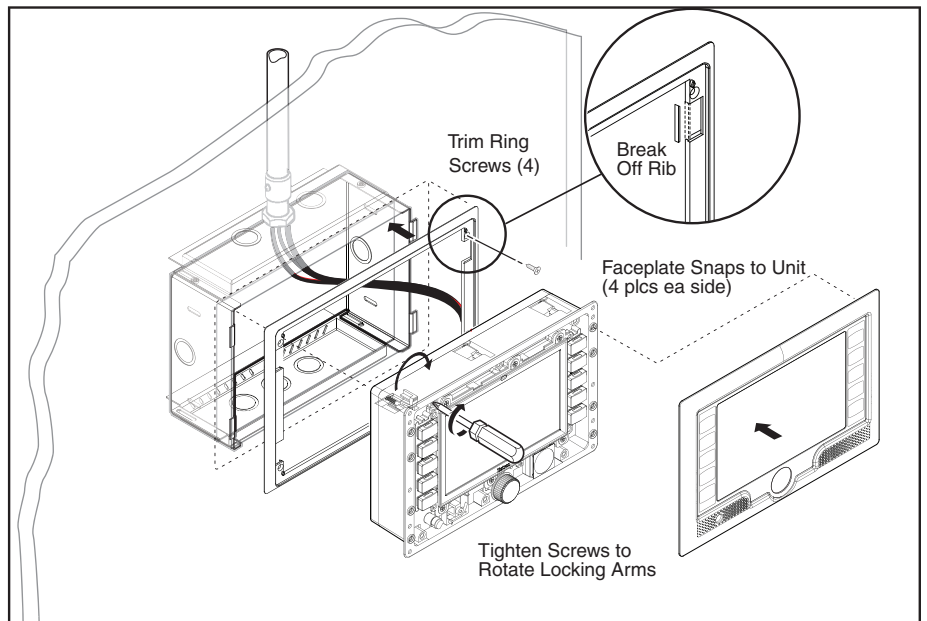

Figure 1

Figure 2

Figure 3

New Installation

1. Before the drywall sheet has been secured to the studs, place the BB 700M wall box in a suitable place so that the tabs on the side of the box are flat against the stud.

2. Secure the BB 700M to a vertical stud (metal or wooden) using two nails or screws (see figure 4).

3. Run the cable conduits to the box and connect them to one of the available punch-outs. Leave enough cable at the end to provide slack for installing the TouchLink panel.

4. Measure the position of the wall box, and mark and cut a hole in the drywall where the wall box is placed.

   NOTE   *The hole is 9.55 inches (24.26 cm) wide x 6.55 inches (16.64 cm) high.*

5. Secure the drywall to the studs.

   NOTE   *The outer edge of the wall box is behind the drywall.*

6. If required, paint the drywall. Insert the cardboard cover (provided) into the wall box to avoid getting paint on the BB 700M.

7. Secure the TR 700M trim ring to the drywall, using four screws (see figure 5).

8. Connect the cables to the back of the TLP 700MV (see the User's Manual, which is available from www.extron.com). Feed any excess cable back into the conduit.

9. Configure the TLP 700MV (see the User's Manual, which is available at www.extron.com) and test the connections to the TLP 700MV.

10. Fold the locking arms into their recesses on the side of the TLP 700MV and slide the unit into the wall box. Tighten the screws on the front of the unit so that the locking arms rotate into place behind the top and bottom plates of the BB 700M and hold the unit in place (see figure 5).
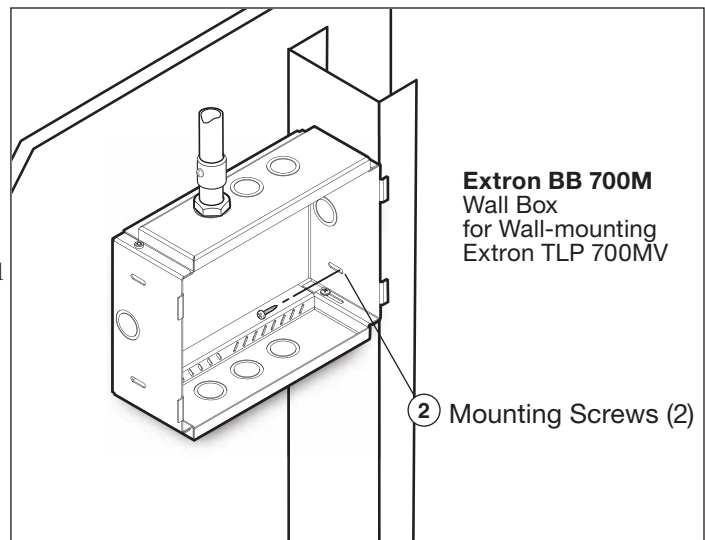
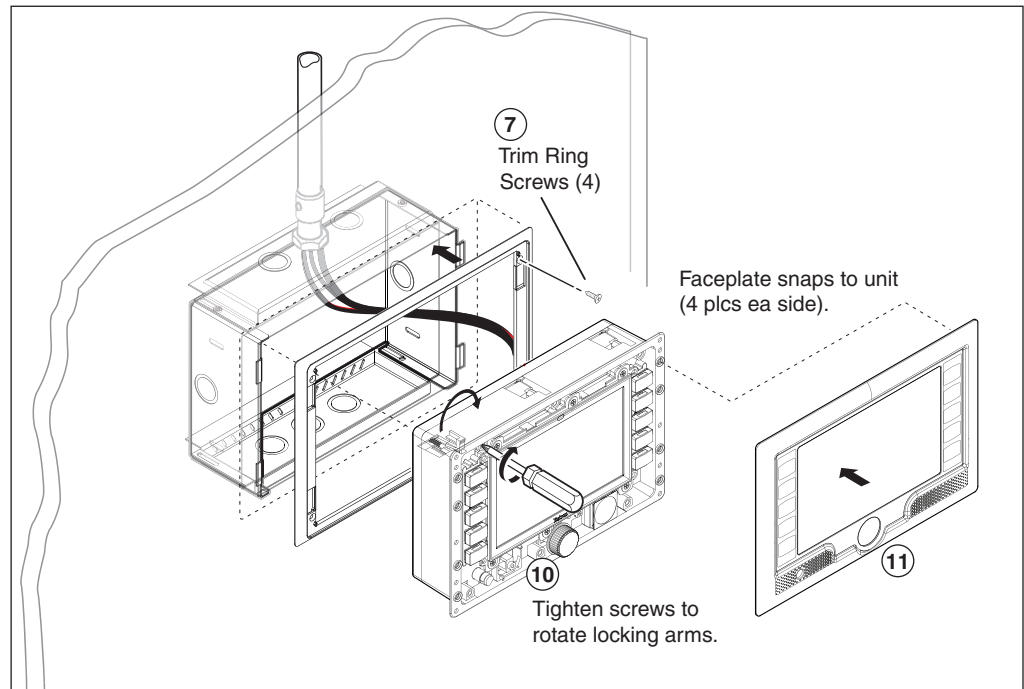11. Snap the faceplate into position (see figure 5).

Extron BB 700M
Wall Box
for Wall-mounting
Extron TLP 700MV

② Mounting Screws (2)

Figure 4

⑦ Trim Ring Screws (4)

Faceplate snaps to unit (4 plcs ea side).

⑩ Tighten screws to rotate locking arms.

⑪

Figure 5