

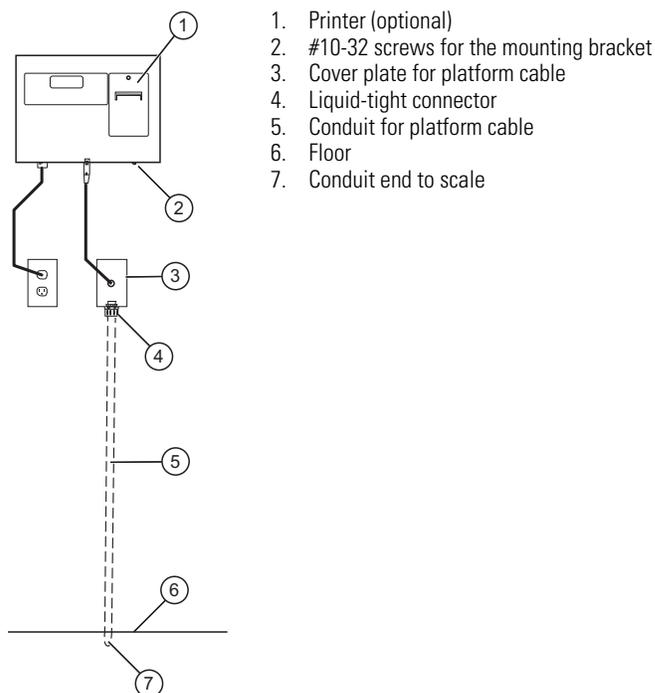


Readout panel and scale installation instructions

The Welch Allyn In-Floor Scale models 6102 and 6154 are installed into the floor and display the patient measurements on a readout either surface-mounted or flush-mounted on a wall.

If your scale has a flush-mounted readout, see "[Flush-mounted readout panel installation](#)" on page 2.

Surface-mounted readout panel installation



Use the following instructions to surface mount the readout panel:

1. Locate a stud in the wall nearest to the scale platform location. This location should be 6 to 8 in. from the center of the side of the platform nearest the wall to allow the readout panel to be centered.
2. Remove the two screws from the rear of the mounting bracket connected to the scale readout. Save these screws for use later.
3. Mount one side of the bracket to a stud. If a stud is not used, make sure to use anchoring bolts or other suitable hardware for added strength. Make sure the bracket is installed close to an AC outlet to provide power to the readout panel.
4. Measure 48 inches up from the floor or to the desired height for the bottom of the readout panel.

Note The buttons and LED display are approximately 7 inches above the bottom of the readout enclosure.

5. Hold the mounting bracket against the wall with the two tabs facing up and mark the locations of the four mounting holes. Use a level to ensure that the readout is installed at the proper angle.
6. Use four bolts (not included) to fasten the bracket to the wall. The readout panel cabinet has four 3/4-inch holes to allow for clearance of the mounting bolt heads.

7. Place the readout panel cabinet onto the mounting bracket. Make sure the both tabs slide into the slots on the back of the cabinet.

Note It is not necessary to remove the front cover from the readout panel cabinet for installation.

8. Use the two screws removed in [Step 2](#) to fasten the bottom of the readout panel cabinet to the bracket.
9. Use the following procedure to install the platform cable conduit and power cable between the scale and the readout:
 - a. Cut an access opening in the wall to install the conduit. This conduit is for the platform cable and is provided with the frame.
 - b. Route the conduit from the frame to the inside of the wall and up to the readout panel location.
 - c. Use a cover plate with a hole at least a 3/16-inch diameter to bring the cable out of the wall.
 - d. Use a customer-provided 4-inch electrical box to terminate the conduit.

Flush-mounted readout panel installation

Use the following instructions to flush mount the readout panel:

1. Make sure that the flush-mount readout panel enclosure and conduit has been installed.
2. Remove all product packaging.
3. Install the display tray over the studs and nuts in the readout panel enclosure.
4. Secure the tray with the four included nuts.
5. Connect the AC power to the terminal block on the lower left of the display tray. Make sure to observe the correct color coding as indicated.

Scale installation

Use the following instructions to install the scale into the frame:

1. Make sure that the scale pit has been completed and the scale rough-in frame has been installed.
2. Make sure that the readout panel has been installed.
3. Remove the plastic nuts from the four studs (scale model 6154 has six plastic nuts), which protrude from the rough-in frame.
4. Align the weighing frame over the studs and fasten the weighing frame in place using the nuts provided and tighten securely.
5. Route the platform cable through the conduit from the readout down to the weighing frame.
6. Connect the platform cable to the terminal block in the weighing frame. Make sure to observe the correct color coding as noted on the label next to the terminal strip.
7. If you have a flush-mounted readout, attach the individual conductors of the platform cable to the terminal block of the readout panel.

If you have a surface-mounted readout, a socket on the cabinet mates with the pre-wired connector on the platform cable assembly.
8. Attach the top deck to the weighing frame using the #10-24 screws and securely tighten. Scale model 6102 has 10 of these screws, and scale model 6154 has 20 of these screws.
9. For flush-mounted scales, use the four, long #10-32 screws to mount the panel in the readout panel enclosure.

Note If you are placing a floor covering on the top deck, make sure there is a 1/4-inch gap on all four sides to prevent binding and to allow free movement of the weighing deck.

