

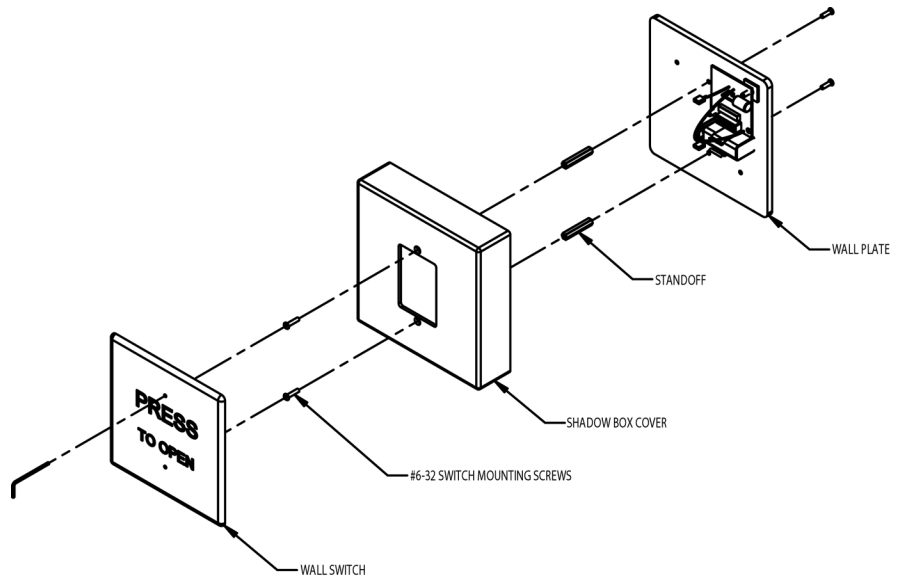
Shadow Wall Box Installation

The shadow box is designed for surface mounting Larco wall switches. The shadow box universally accepts full and reduced size wall switches.

For flush mounting or recessed mounting applications, use the Larco universal wall box.

Step 1. Determine wall switch mounting location based on wall construction, applicable standards and intended use. In high use and abuse areas, a solid mounting surface or additional reinforcement may be required behind the box. For units containing radio transmitters, be aware that a metal mounting surface or heavy concentration of metal near the transmitter may affect transmission range and reliability.

Step 2. Secure the wall plate to the mounting surface using fasteners appropriate for the mounting surface. Holes may be drilled through any part of the wall plate, but avoid the electronics. Ensure the two standoffs are oriented vertically to each other. In hardwired applications, plan the wire routing prior to mounting the wall plate on the wall. If routing wires behind the mounting surface, drill a hole for the low voltage wires in the mounting plate and a corresponding hole in the mounting surface if necessary. If routing wires along the surface of the wall, notch the box cover in the appropriate place for the low voltage wires to enter.



Step 3. Route wires from transmitter or door operator through the large rectangular opening in the box cover as you place the box cover over the wall plate. Ensure the holes on the box cover line up with the standoffs on the wall plate. Insert the #6-32 screws through the holes and into the standoffs. Tighten the screws until about 1/4" of the screw remains above the surface of the box cover surface.

Step 4. Connect the wires to the normally open (NO) and common (COM) connection points on the wall switch.

Step 5. Hang the wall switch on the #6-32 screws and make sure the back plate settles down onto the screws.

Step 6. Insert the included hex wrench through the holes in the switch cover plate and tighten the #6-32 screws completely.

Step 7. Test for activation.

Observe all manufacturers recommendations for safety and operation of their products. ANSI/BHMA standards that offer specific recommendations for each type and class of automatic door have been developed. To obtain a copy of the ANSI/BHMA standard that applies to your installation, visit www.buildershardware.com or www.ansi.org.