Installation Instruction—North America: Drywall

22

Single Outlet - 2 inch box - 12.5 Cubic inches
Double Outlet - 4 inch box - 35 Cubic inches
Double Wide Outlet - 6 inch box - 48 Cubic inches

NOTE: The 22 System is a departure from conventional cover plate systems, and requires a licensed electrician and precise and skilled craftsmanship during installation. If you have never installed a 22 System device, we recommend a practice installation.

This instruction manual is designed for the following products: 22.3.XX

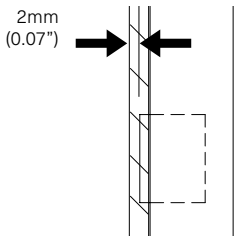
The branch circuit wiring that supplies each device consists of a separate cable assembly originating outside the box, or individual sets of conductors in a single raceway, all of which originate outside the box. Other than connecting to a single device, the conductors must not be spliced in the box or continued to another device. No other wiring shall enter the box. If a metal device box is installed, the equipment bonding conductor for the box shall be installed prior to installation of the wall finish.

Connections for each device to the conductors shall be made with the provided clamping wire connectors.

The included sticker with QR code shall be added to the circuit directory panel recording the location of the 22 System Tool.

1. For optimum strength, make sure the back of the mounting plate meets the device box (the surface of the device box must be approx. 2mm (0.07") back from the face of the drywall). If there is no direct contact between the back of the mounting plate and the device box, the system will perform but not at its peak strength.

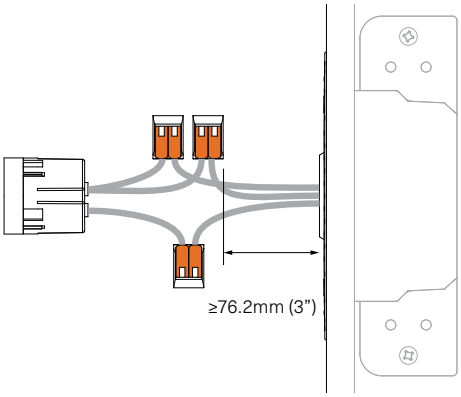
   The device box used must be min. 54mm (2-1/8") deep (shallow boxes will not fit the depth of the component).



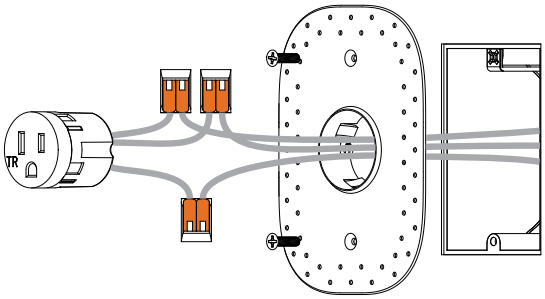
2. **WARNING**
   When installing a product connected to the line voltage, please ensure the power is disconnected at the circuit breaker.

   The conductors must have sufficient length (≥76.2mm /3") to be accessible from the front of the finished wall surface.

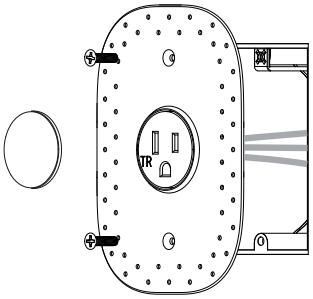
   ⚠
   IMPORTANT: The branch circuit wiring that supplies each device consists of a separate conductors of which originate outside the box. No other wiring shall enter the box. Please refer to your local electrical and building authorities to determine what kind of boxes and raceways are allowed for your building.



3. Make all necessary connections using the provided wire connectors. Insert the device into the mounting plate. Ensure that all four locking tabs are engaged.



4. Devices come with a two-layer protective silicone cap -leave this in place after the device has been inserted into the mounting plate. This will be used in further steps to mask the device face during the "mudding in" process. Fasten the mounting plate to the device box using the included screws.



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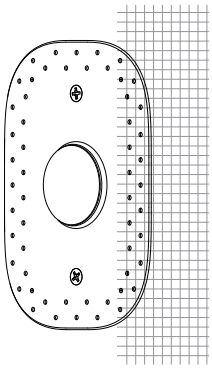
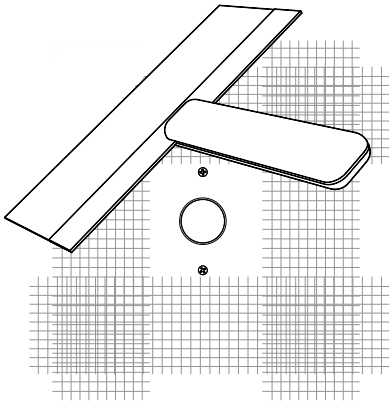
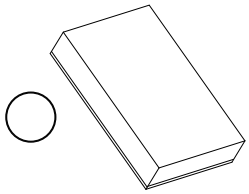
5. Tape the mounting plate edges with fiber mesh drywall tape.



6. Use a drywall filler compound to “mud over” the entire assembly - feather from the center of the mounting plate outwards for 600mm (2’) using a large drywall trowel.

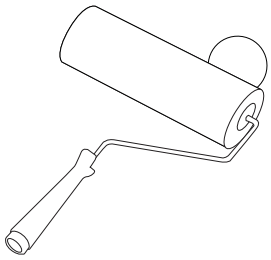


7. Using a foam sanding block, sand the entire area until the rim and the protective cap of the device are exposed. For long-term performance, it is essential to sand right down to the plastic rim.



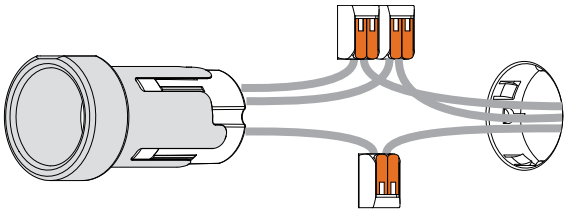
8. Partially peel back the paper face of the protective cap, ensuring the silicon layer remains snugly in place around the operative component. This will allow you to locate the component after painting.

9. Paint over the entire assembly.



10. Once dry, peel back the entire paper face. A tab in the silicon layer of the protective cap will be exposed under the paper - this will allow you to remove the silicon layer and expose the device.

11. **IMPORTANT: For inspection and maintenance, a 22 System Tool (sold separately) is required to access the connectors and conductors. Please see Removal Guide for details.**



12. Record the location of the 22 System Tool on the provided sticker with QR code and affix it to the circuit directory panel.