

Instruction / Installation Sheet

DataComm Electronics 45-0024-WH Recessed Pro-Power Kit with Duplex Receptacle and Straight Blade Inlet



DataComm Electronics, Inc.
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888.223.7977
770.662.8205
www.datacommelectronics.com

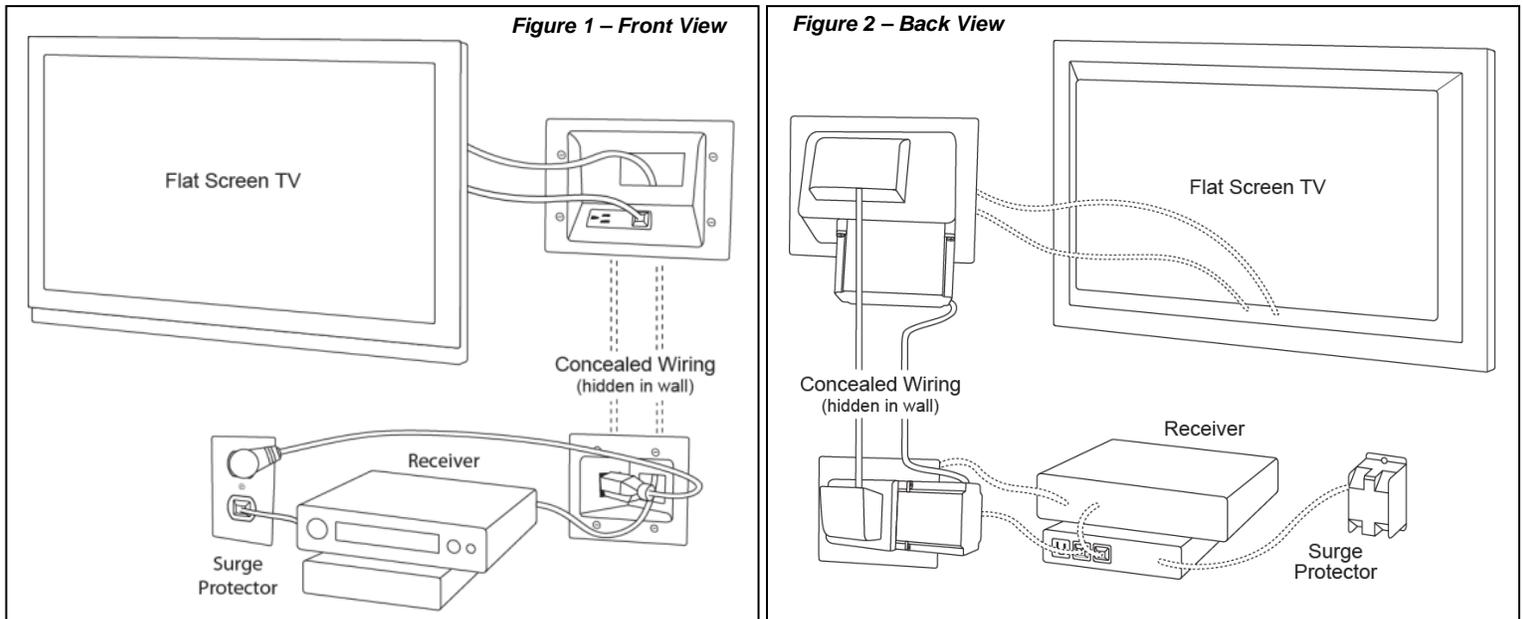
Parts Included:

1. Recessed Low Voltage Mid-Size Plate with Duplex Receptacle
2. Recessed Low Voltage Cable Plate with Straight Blade Inlet
3. Two (2) Electrical Outlet Boxes
Four (4) Screws per Outlet Box
4. 15 Amp/125 Volt Tamper Resistant Duplex Receptacle
5. Three (3) Wire Nuts
6. 6ft. 16/2 with Ground Cord Set with 360° Rotating Head

Tools Needed:

1. Drywall Saw
2. 6 Ft. Tape Measure
3. Pencil
4. Screwdriver

Use the Recessed Pro-Power Kit with Duplex Receptacle and Straight Blade Inlet to install power and low voltage cables behind your flat panel TV, amplifier or other audio and video devices to your equipment room or at the location of your head end equipment (*see Figures 1 & 2*).



IMPORTANT INSTRUCTIONS:

- Use the local electrical code approved installation when installing this product.
- The electrical parts in this kit are designed to be used only as a kit and none of these electrical parts are designed to be used individually.
- This product is not designed to be part of your home or a commercial building's electrical wiring system.
- This installation is only energized (electrically active) when the supplied 6 ft. cord is plugged into the recessed straight blade inlet located on the recessed low voltage cable plate and the straight blade end of the 6 ft. cord is plugged into either your surge protector or wall receptacle.

If you are not familiar with home wiring systems, please call a qualified electrician to install this product.

IMPORTANT INSTRUCTIONS:

This product is designed for retrofit work only because the electrical outlet box cannot be attached to a stud.

Installation Instructions for Retrofit Only:

Select the location of your flat panel TV mounting bracket. Now select the location for both cable plates for the Recessed Pro-Power Kit with Duplex Receptacle and Straight Blade Inlet.

Installation Instructions for the Top Plate with Duplex Receptacle:

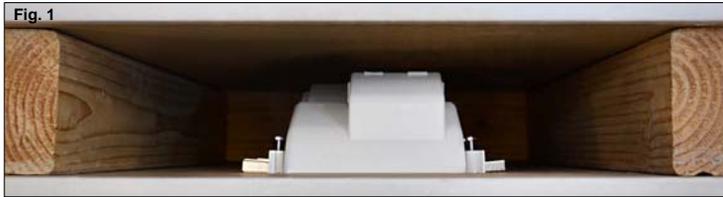


Figure 1

Top view - shows needed space between the drywall and the studs. Receptacle side of the Mid-Size Plate should be 3" from the stud but no more than 5" (review picture carefully).

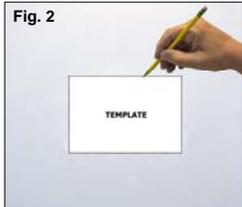


Figure 2

Using the template supplied (see page 3 of instruction sheet), trace the opening needed. Using a drywall saw, cut a hole in the drywall the size of the template. **See Figure 1** before tracing your opening. **Remember, the plates are designed to be mounted between the studs.**

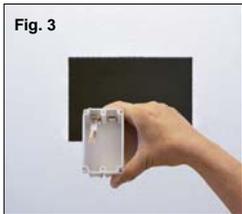


Figure 3

Run the 12/2 or 14/2 w/ground UL approved electrical building wire (not included in kit) from the top opening to the bottom opening and connect the Recessed Pro-Power Kit Cable Plate with Duplex Receptacle to the Recessed Cable Plate with Straight Blade Inlet. Make sure the piece of wire is long enough to allow for easy installation of the receptacles. Remember the Pro-Power Installation Kit is not part of your home's electrical wiring system. Pull the electrical building wire through a hole in the top cable plate electrical outlet box. Use a screwdriver to open one of the knock outs on the electrical outlet box.

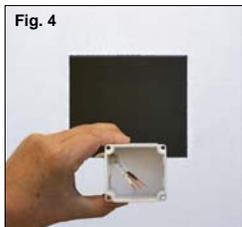


Figure 4

Now pull the other end of the building wire through a hole in the bottom plate electrical outlet box. Use a screwdriver to open one of the knock outs on the electrical outlet box

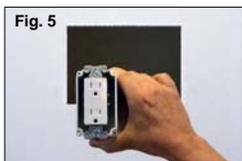


Figure 5

Using the supplied duplex receptacle, connect the hot line (black) wire to the brass colored terminal or screw and the neutral (white) wire to the silver colored terminal or screw. Be sure to connect the grounding (green) or bare grounding wire to the green colored terminal screw. For shock protection, this UR, UL recognized component receptacle must be properly grounded. Caution – use copper wire only with this receptacle. Once you have wired the receptacle, screw the receptacle into the electrical outlet box until the receptacle is firmly secured.

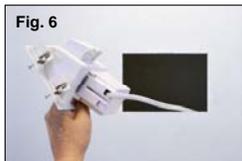


Figure 6

Now use the four screws provided to secure the electrical outlet box to the mounting studs on the backside of the Mid-Size Plate with Duplex Receptacle.

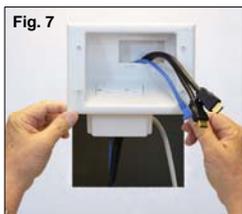


Figure 7

Important: Before installing the Recessed Mid-Size Plate with Duplex Receptacle into the template opening, make sure to pull your low voltage cables through the low voltage cable opening. If you have more than 4 cables you can remove the flexible plate that seals the low voltage cable opening. This allows for more cables to be pulled through the opening.

After you have pulled your low voltage or A/V cables through the low voltage opening: Start with the bottom of the Recessed Mid-Size Plate with Duplex Receptacle and slowly slide the plate into the opening. Swing the top of the plate into position until the entire Mid-Size Plate is flush with the wall. Now screw down the screws with wings; these wings fasten tightly against the back of the drywall.

Installation Instructions for the Bottom Cable Plate with Straight Blade Inlet:

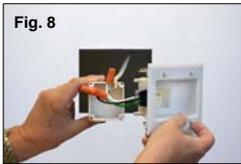


Figure 8

Wire the Cable Plate with Straight Blade Inlet to the 12/2 w/ground or 14/2 w/ground UL approved electrical building wire. Connect the hot line (black) wire to the black wire and the neutral (white) wire to the white wire on the straight blade inlet. Be sure to connect the grounding (green) or bare grounding wire to the green wire on the straight blade inlet. Make sure the three wire nuts are fastened tightly.

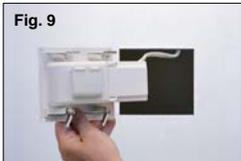


Figure 9

Now use the four screws provided to secure the electrical outlet box to the mounting studs on the backside of the Cable Plate with Straight Blade Inlet.

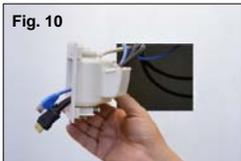


Figure 10

Important: Before installing the Plate with Straight Blade Inlet into the template opening, make sure to pull your low voltage cables through the low voltage cable opening. If you have more than 4 cables you can remove the flexible plate that seals the low voltage cable opening. This allows for more cables to be pulled through the opening.

After you have pulled your low voltage or A/V cables through the low voltage opening: Start with the side of the Plate with Straight Blade Inlet and slowly slide the plate into the opening. Swing the right side of the plate into position until the entire plate is flush with the wall. Now screw down the screws with wings; these wings fasten tightly against the back of the drywall.



Figure 11

Your new 45-0024-WH Recessed Pro Power Kit with Duplex Receptacle and Straight Blade Inlet is now installed and ready for the flat panel TV mount to be installed. Install your flat panel TV mounting bracket per the flat panel TV bracket manufacturer's instruction.



Figure 12

Hang your flat panel TV on the mounting bracket and plug your TV into the top Cable Plate with Duplex Receptacle. Now plug your cord set into bottom Cable Plate with Straight Blade Inlet. Then plug the male end of the cord set into a nearby wall receptacle.

WARNING

- DataComm Electronics' products shall be installed and used only as indicated in DataComm Electronics' product instruction sheets.
- Instruction sheets are available online at www.datacommelectronics.com.

CAUTION

- For shock protection, this device must be properly grounded.
- Use copper wire only with this device.

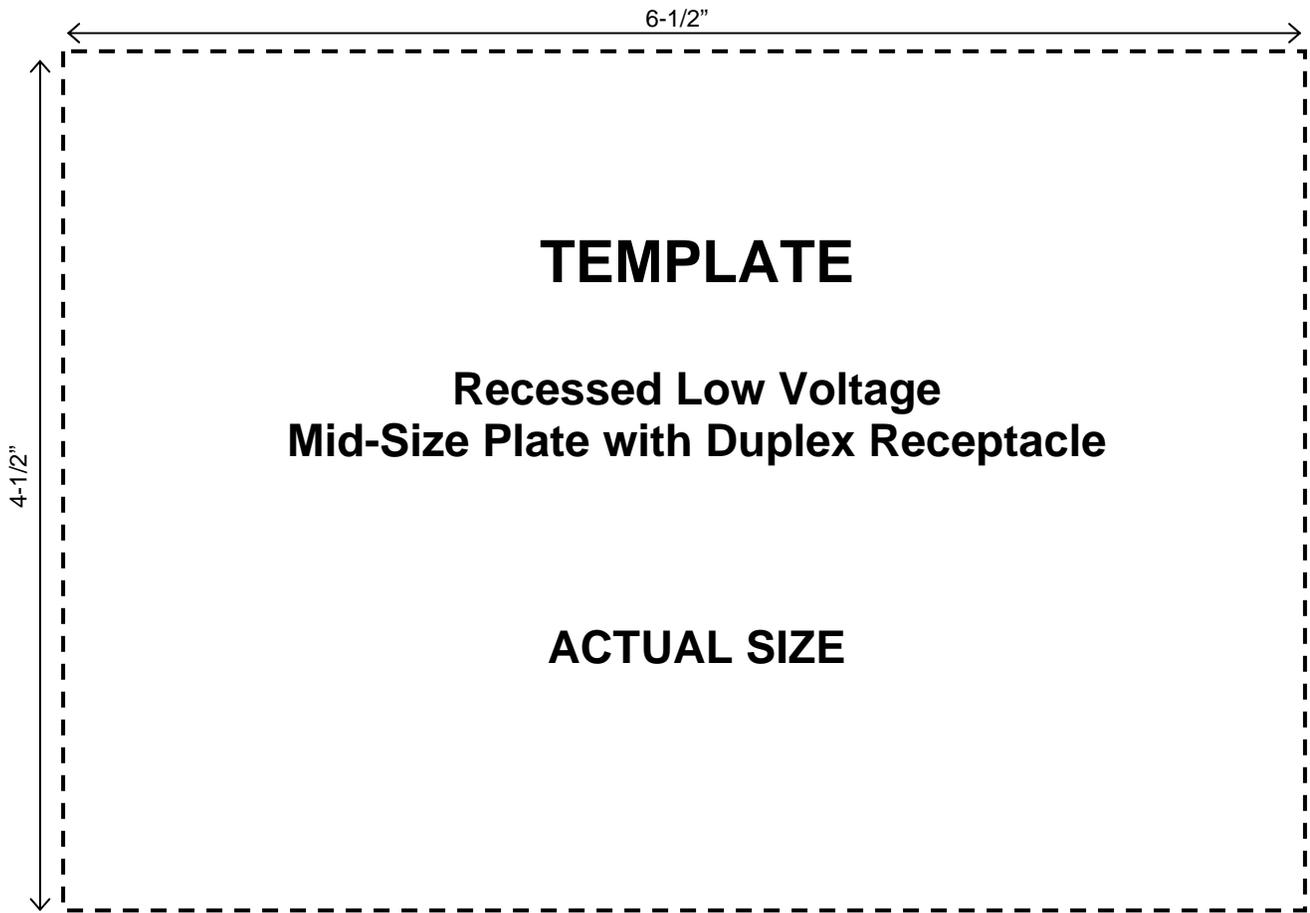
IMPORTANT INSTRUCTIONS

- Read and understand all instructions.
- Follow all warnings and instructions marked on the product.
- Do not use this product near water, for example near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
- SAVE THESE INSTRUCTIONS.

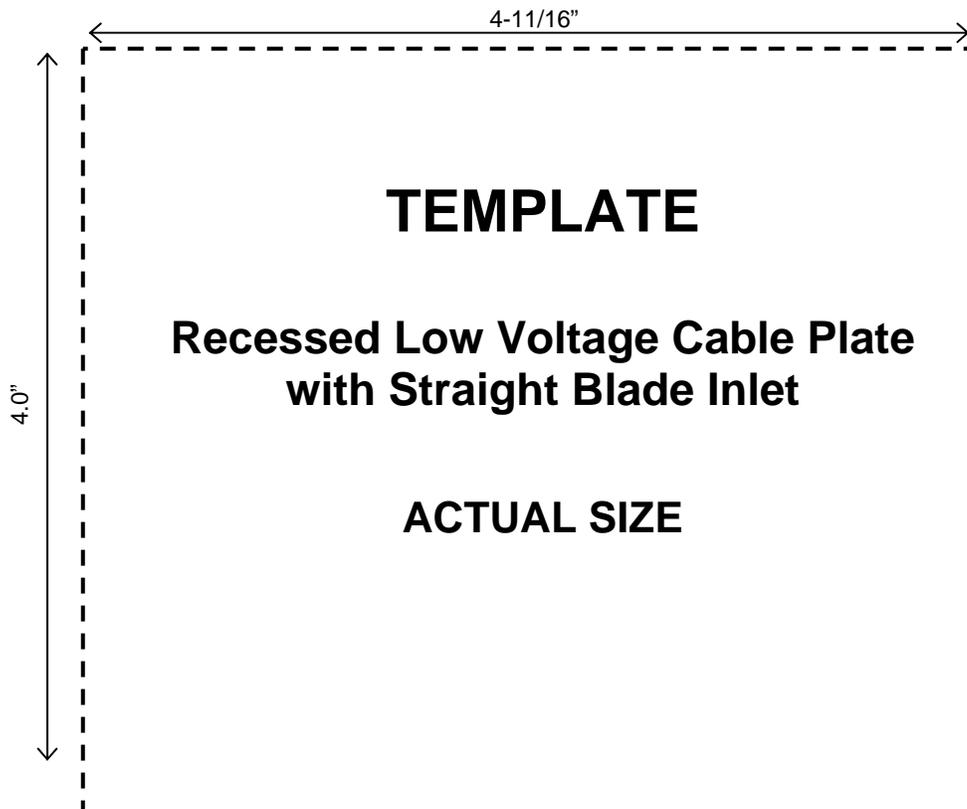
This product is patent protected by U.S. Patent numbers D553475, D554475 and 7390964.
RoHS Compliant.



ONLY LICENSED PROFESSIONALS SHOULD INSTALL THIS PRODUCT



CUT ALONG DOTTED LINE ✂



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Instruction / Installation Sheet

DataComm Electronics 45-0028-WH Recessed Pro-Power Kit with Duplex Surge Suppressor



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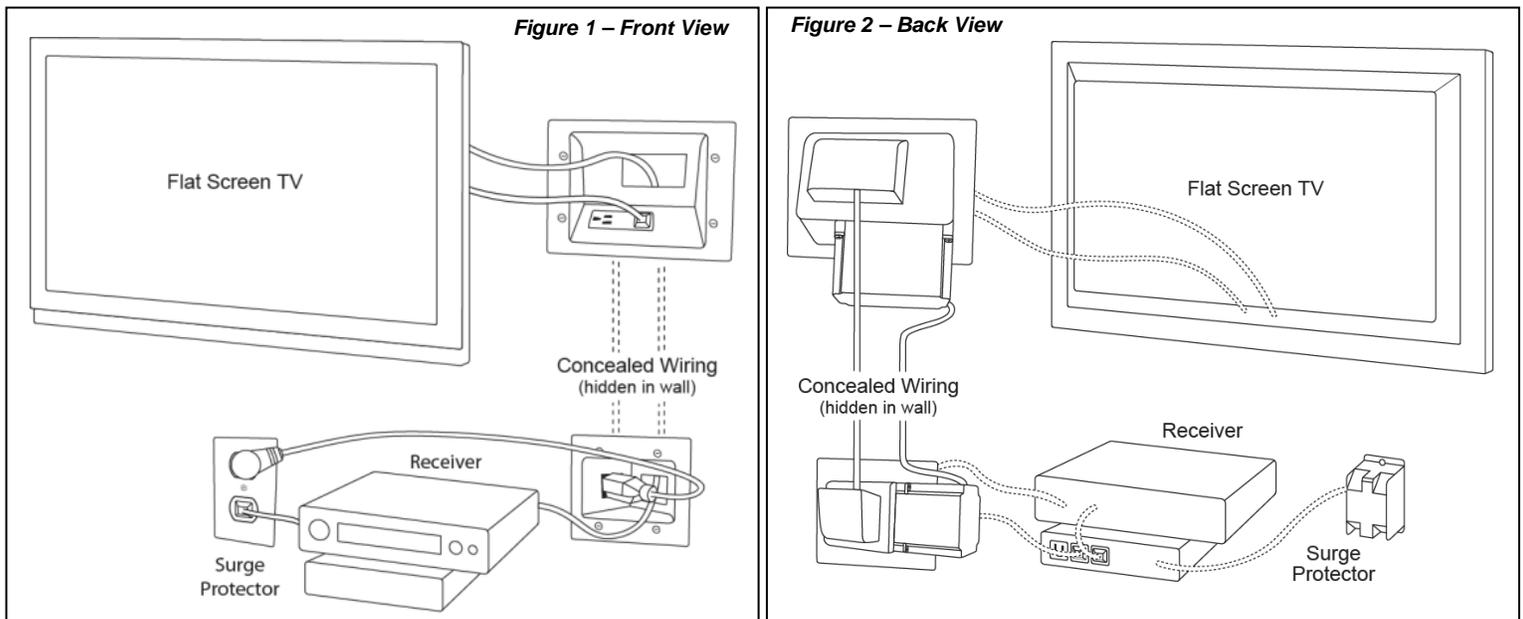
Parts Included:

1. Recessed Low Voltage Mid-Size Plate with Duplex Surge Receptacle
2. Recessed Low Voltage Cable Plate with Straight Blade Inlet
3. Two (2) Electrical Outlet Boxes
Four (4) Screws per Outlet Box
4. 15 Amp/125 Volt Duplex Surge Receptacle
5. Three (3) Wire Nuts
6. 6ft. 16/2 with Ground Cord Set with 360° Rotating Head

Tools Needed:

1. Drywall Saw
2. 6 Ft. Tape Measure
3. Pencil
4. Screwdriver

Use the Recessed Pro-Power Kit with Duplex Surge Suppressor to install power and low voltage cables behind your flat panel TV, amplifier or other audio and video devices to your equipment room or at the location of your head end equipment (see Figures 1 & 2).



IMPORTANT INSTRUCTIONS:

- Use the local electrical code approved installation when installing this product.
- The electrical parts in this kit are designed to be used only as a kit and none of these electrical parts are designed to be used individually.
- This product is not designed to be part of your home or a commercial building's electrical wiring system.
- This installation is only energized (electrically active) when the supplied 6 ft. cord is plugged into the recessed straight blade inlet located on the recessed low voltage cable plate and the straight blade end of the 6 ft. cord is plugged into either your surge protector or wall receptacle.

If you are not familiar with home wiring systems, please call a qualified electrician to install this product.

IMPORTANT INSTRUCTIONS:

This product is designed for retrofit work only because the electrical outlet box cannot be attached to a stud.

This product is designed to alert you if you ever lose surge protection. The Surge Suppressor Receptacle is designed to provide protection against short-term over-voltage conditions as well as from RFI (radio frequency interference). The Surge Suppressor cannot survive, or provide protection in the rare event of a direct lightning strike on the service power line. The Surge Suppressor alerts you to the failure of the surge protection component by means of an audible signal. If alarm sounds, device has "received" power surges in excess of its capacity and is no longer functioning as a surge protector. To shut off alarm, simply turn the "Alarm Off" screw on the front of the receptacle clockwise. Note: When alarm sounds and the "Alarm Off" screw is turned off, the receptacle still functions as a normal duplex receptacle without surge protection.

Installation Instructions for Retrofit Only:

Select the location of your flat panel TV mounting bracket. Now select the location for both the wall plates for the Recessed Pro-Power Kit with Duplex Surge Suppressor.

Installation Instructions for the Top Plate with Duplex Surge Receptacle:

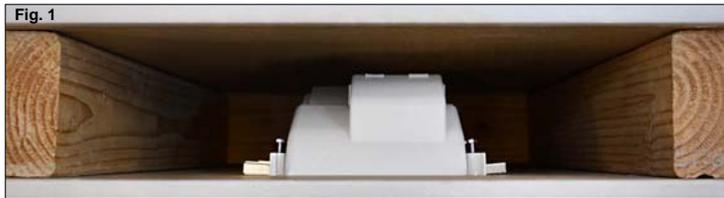


Figure 1

Top view - shows needed space between the drywall and the studs. Receptacle side of the Mid-Size Plate should be 3" from the stud but no more than 5" (review picture carefully).

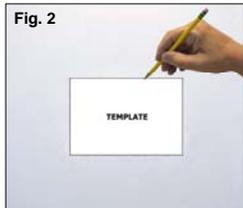


Figure 2

Using the template supplied (see page 3 of instruction sheet), trace the opening needed. Using a drywall saw, cut a hole in the drywall the size of the template. **See Figure 1** before tracing your opening. **Remember, the plates are designed to be mounted between the studs.**

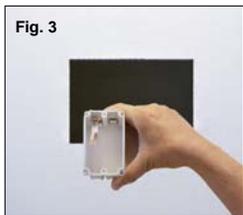


Figure 3

Run the 14/2 w/ground UL approved electrical building wire (not included in kit) from the top opening to the bottom opening and connect the Cable Plate with Duplex Surge Receptacle to the Cable Plate with Straight Blade Inlet. Make sure the piece of wire is long enough to allow for easy installation of the receptacles. Remember the Recessed Pro-Power Kit with Duplex Surge Suppressor is not part of your home's electrical wiring system. Pull the electrical building wire through a hole in the top cable plate electrical outlet box. Use a screwdriver to open one of the knock outs on the electrical outlet box.

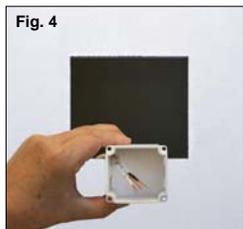


Figure 4

Now pull the other end of the electrical building wire through a hole in the bottom plate electrical outlet box. Use a screwdriver to open one of the knock outs on the electrical outlet box.

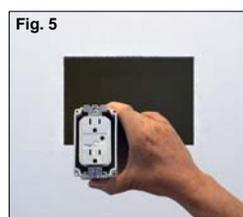


Figure 5

Using the supplied duplex surge receptacle, connect the hot line (black) wire to the brass colored terminal or screw and the neutral (white) wire to the silver colored terminal or screw. Be sure to connect the grounding (green) or bare grounding wire to the green colored terminal screw. For shock protection, this UR, UL recognized component receptacle must be properly grounded. Caution – use copper wire only with this receptacle. Once you have wired the receptacle, screw the receptacle into the electrical outlet box until the receptacle is firmly secured.

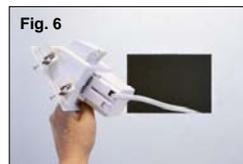


Figure 6

Now use the four screws provided to secure the electrical outlet box to the mounting studs on the backside of the Mid-Size Plate with Duplex Surge Receptacle.

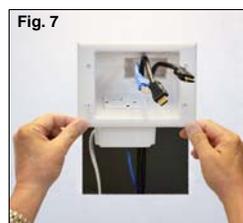


Figure 7

Stop: Important: Before installing the Recessed Mid-Size Plate with Duplex Surge Suppressor Receptacle into the template opening, make sure to pull your low voltage cables through the low voltage cable opening. If you have more than 4 cables you can remove the flexible plate that seals the low voltage cable opening. This allows for more cables to be pulled through the opening.

After you have pulled your low voltage or A/V cables through the low voltage opening: Start with the bottom of the Recessed Mid-Size Plate with Duplex Surge Receptacle and slowly slide the plate into the opening. Swing the top of the plate into position until the entire plate is flush with the wall. Now screw down the screws with wings; these wings fasten tightly against the back of the drywall.

Installation Instructions for the Bottom Cable Plate with Straight Blade Inlet

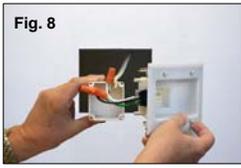


Figure 8

Wire the Cable Plate with Straight Blade Inlet to the 14/2 w/ground UL approved electrical building wire. Connect the hot line (black) wire to the black wire and the neutral (white) wire to the white wire on the straight blade inlet. Be sure to connect the grounding (green) or bare grounding wire to the green wire on the straight blade inlet. Make sure the three wire nuts are fastened tightly.

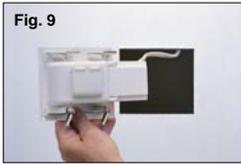


Figure 9

Now use the four screws provided to secure the electrical outlet box to the mounting studs on the backside of the Cable Plate with Straight Blade Inlet.

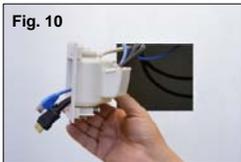


Figure 10

Important: Before installing the Plate with Straight Blade Inlet into the template opening, make sure to pull your low voltage cables through the low voltage cable opening. If you have more than 4 cables you can remove the flexible plate that seals the low voltage cable opening. This allows for more cables to be pulled through the opening.

After you have pulled your low voltage or A/V cables through the low voltage opening: Start with the side of the Plate with Straight Blade Inlet and slowly slide the plate into the opening. Swing the right side of the plate into position until the entire plate is flush with the wall. Now screw down the screws with wings; these wings fasten tightly against the back of the drywall.



Figure 11

Your new Recessed Pro-Power Kit with Duplex Surge Suppressor is now installed and ready for the flat panel TV mount to be installed. Install your flat panel TV mounting bracket per the flat panel TV bracket manufacturer's instruction.

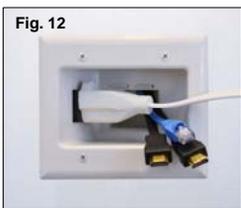


Figure 12

Hang your flat panel TV on the mounting bracket and plug your TV into the top Cable Plate with Duplex Receptacle. Now plug your cord set into bottom Cable Plate with Straight Blade Inlet. Then plug the male end of the cord set into a nearby wall receptacle.

Duplex Surge Receptacle Specifications

Inside the Hubbell Surge Protection Receptacles are two 22mm square MOV's providing 240 joules /15000A of surge protection for each mode. Meets UL Standards 1449 3rd Edition and 498: CSA Certified.

Damage-alert alarm sounds when surge protection is no longer functioning and keeps sounding until the muting screw is utilized or the receptacle is replaced. Power-on indicator light verifies instantly that power is available at the receptacle and the suppression circuit is fully functional; light off means power has been interrupted, flashing light indicates surge protections circuitry has been damaged.

Replacement surge suppressors can be purchased from DataComm Electronics or an authorized Hubbell Wiring Device distributor.

2-Pole 3-Wire Grounded 60 Hz	Total Maximum Surge Dissipation	Maximum Surge Current	Surge Protection	Clamping Response Time
15A-125V	480 Joules	15,000 Amps	Hot/Neutral, Hot/Ground, Neutral/Ground	1 Nanosecond

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- Use copper wire only with this device.

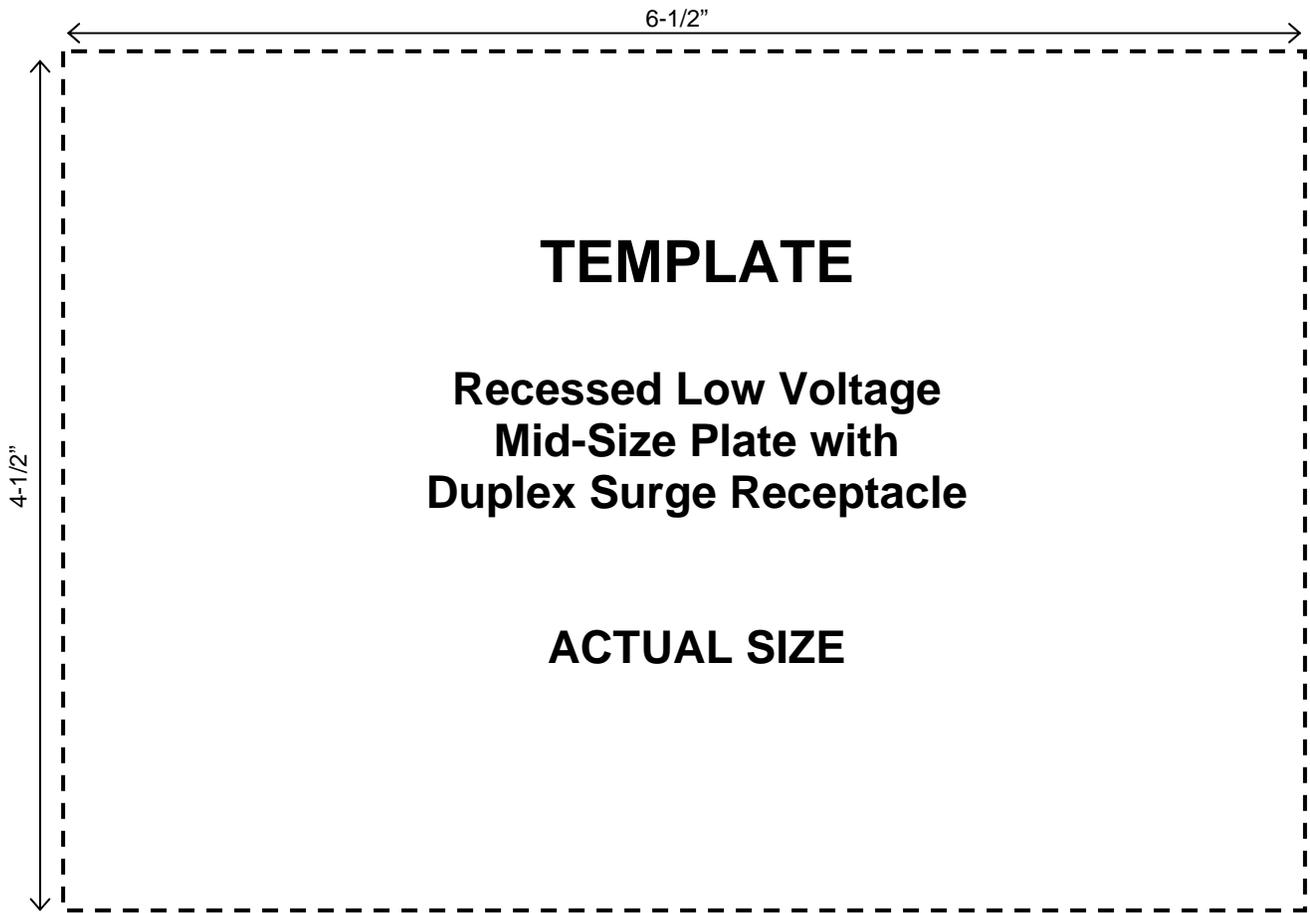
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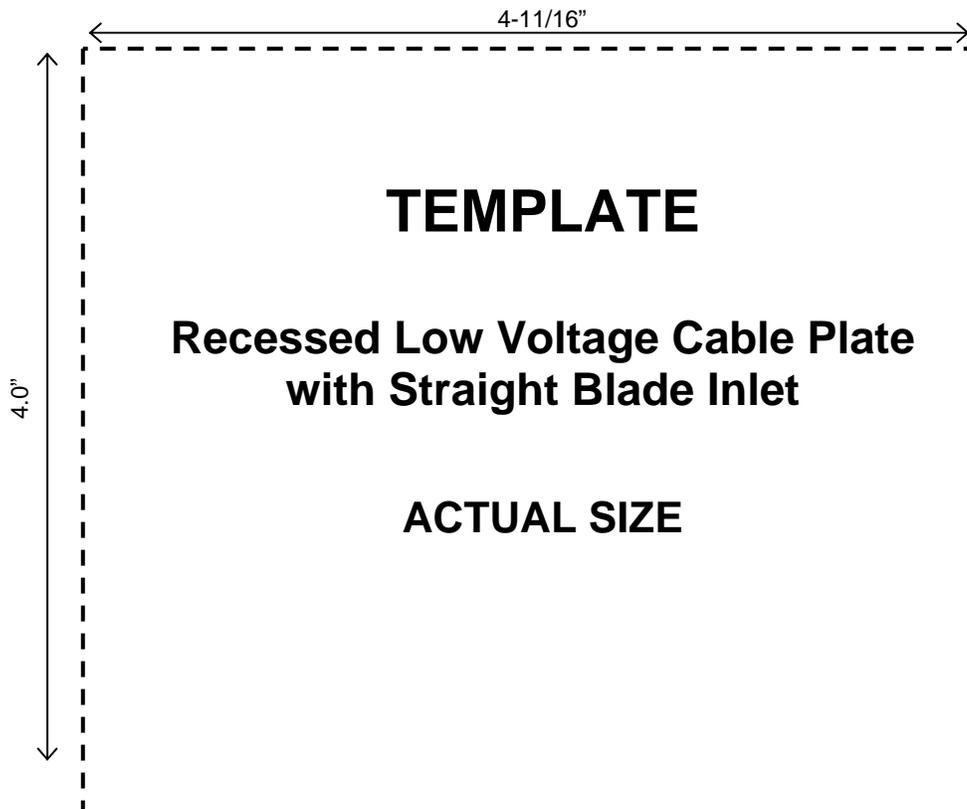


This product is patent protected by U.S. Patent numbers D553475, D554475 and 7390964. RoHS Compliant.

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