

Recessed Low Voltage Media Plate with Duplex Surge Suppressor 45-0041-WH

DataComm Electronics' new, patented Recessed Low Voltage Media Plate with Duplex Surge Suppressor offers the convenience of a duplex surge receptacle and a recessed plate with enough room to store the low voltage cables behind your flat panel TV.

Features

- 15 Amp/125 Volt duplex surge receptacle with replaceable Surge Bloc®*
 - Maximum surge current – 12,000 amps
 - Peak suppression voltage – 1,000 volts
 - Hot/Neutral, Hot/Ground, Neutral/Ground
 - Total maximum surge dissipation – 340 joules
- Low profile design fits behind the industry's thinnest mounts and TV's
- Conceal multiple AV cables behind your flat panel TV
- Old work box included
- Mounting wings are molded into the media plate and fasten tightly against the back of the drywall
- Quick and easy to install
- No additional parts needed



45-0041-WH - Front View



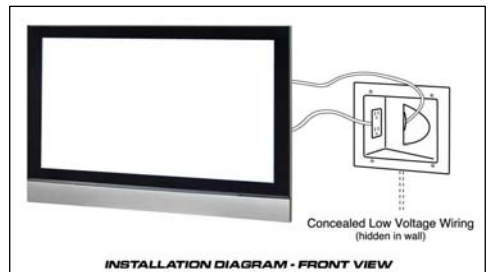
Removing the Surge Bloc® Module



45-0041-WH - Back View



Top View of 45-0041-WH Mounted Between Studs



INSTALLATION DIAGRAM - FRONT VIEW

<u>Part #</u>	<u>Description</u>
45-0041-WH	Recessed Low Voltage Media Plate with Duplex Surge Suppressor, White

Min. Order/ Master Ctn.	1/16
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This product is patent protected by U.S. Patent numbers D553475, D554475 and 7390964

RoHS Compliant

* UL Listed Component



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Instruction / Installation Sheet

DataComm Electronics 45-0041-WH Recessed Low Voltage Media Plate with Duplex Surge Suppressor



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Parts Included:

1. 45-0041-WH Recessed Low Voltage Media Plate
2. Old Work Electrical Box
3. 15 Amp/125 Volt Duplex Surge Suppressor
4. Three (3) Wire Nuts
5. Four (4) Screws

Tools Needed:

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

Use DataComm Electronics' Recessed Low Voltage Media Plate with Duplex Surge Suppressor to install low voltage cables behind your flat panel TV, your amplifier or other audio and video devices. This media plate can be installed upright, sideways.

IMPORTANT INSTRUCTIONS:

This product is designed for retrofit work only because the old workbox cannot be attached to a stud.

This product is designed to alert you if you ever lose surge protection. The SurgeBloc® Protects connected loads from potentially damaging voltage spikes (surges) caused by lightning strikes near the line, or the switching of inductive loads on the line (motor loads) as well as from RFI (radio frequency interference). The SurgeBloc® cannot survive, or provide protection in the rare event of a direct lightning strike on the service power line. The SurgeBloc® 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 unplug the surge module and replace with a new SurgeBloc® module to restore surge protection. Note: When alarm sounds and the module is removed, the receptacle still functions as a normal duplex receptacle without surge protection.

WARNING:

Before installing this product, be sure the power is off by switching the circuit breaker to off or removing the fuse(s). Test the power to make sure the power is off. Be sure to install the Media Plate with Duplex Surge Suppressor in accordance with the National Electrical Code (NEC) and local codes.

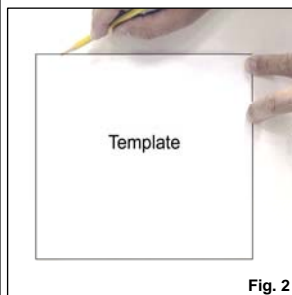


Fig. 2

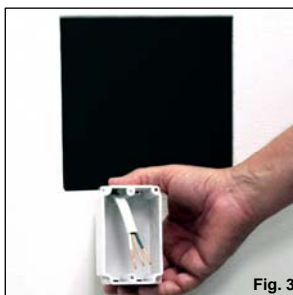


Fig. 3

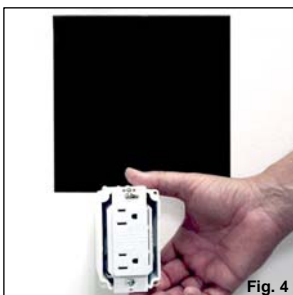


Fig. 4

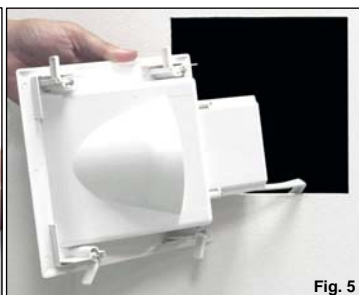


Fig. 5



Fig. 6

Installation Instructions:

- Fig. 1** Top view - shows needed space between the drywall and the studs. Receptacle side of the media plate must be 3" from the stud but no more than 5" (review picture carefully).
- Fig. 2** Using the template supplied (see page 2 of instruction sheet), trace the opening needed. Using a drywall knife, cut a hole in the drywall the size of the template. See Figure 1 before tracing your opening.
- Fig. 3** Run the source of power to the included workbox.
- Fig. 4** Using the supplied surge suppressor, connect the Recessed Media Plate to the piece of 12/2 or 14/2 with ground UL approved building wire, using the supplied three wire nuts. Connect the hot line (black) wire to black wire, neutral (white) wire to white wire and grounding (green) wire to the (green) or bare grounding wire. 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 surge suppressor, screw the suppressor into the work box until the receptacle is firmly secured.
- Fig. 5** Now use the four screws provided to secure the work box to the mounting studs on the backside of the of the media plate.
- Fig. 6** Pull all video and audio cords through the recessed opening. Starting with the receptacle side of the media plate, slowly slide the plate into the opening. Swing the opposite side of the plate into position until the entire media box is flush with the wall. Now screw down the screws with wings; these wings fasten tightly against the back of the drywall. Switch on the circuit breaker to on or insert the fuse(s). Plug all necessary video and audio cables. Install your flat panel TV mounting bracket per the flat panel TV bracket manufacturer's instructions.

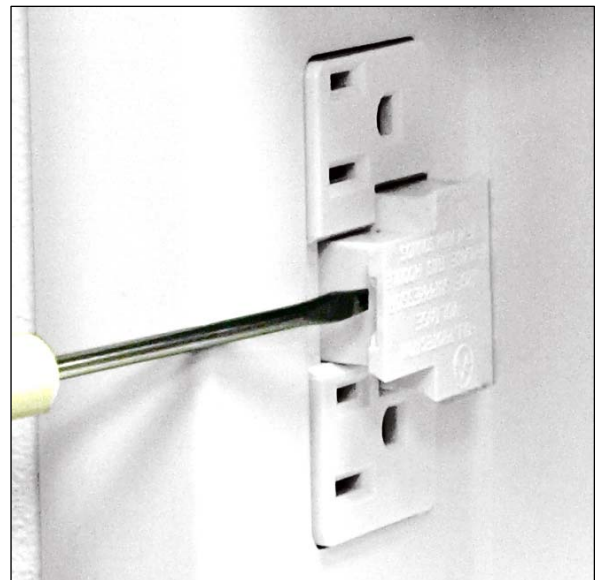
Installation / Instruction Sheet 45-0041-WH (Continued)

Surge Suppressor Specifications

Clamping Response Time: 1 Nanosecond

2-Pole 3-Wire Grounding 60 Hz Receptacle 1875W	Total Maximum Surge Dissipation	Maximum Surge Current	Peak Suppression Voltage	Surge Protection	Replacement Module
15A-125V 1875W	340 Joules	12,000 Amps	1,000 Volts	Hot/Neutral, Hot/Ground, Neutral/Ground	# 1209

Remember in the event your surge unit alarm sounds, simply remove the replaceable SurgeBloc®. The receptacle still functions as a normal duplex receptacle without surge protection. The Replacement SurgeBloc® module #1209 made by Cooper Wiring Devices can be ordered through a DataComm Electronics distributor, your local electrical distributor or contact Cooper Wiring Devices' Sales Department at 800.441.3177 or 45-31 Court Square, Long Island, NY 11101.



Removing the SurgeBloc® Module

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.

ONLY LICENSED PROFESSIONALS SHOULD INSTALL THIS PRODUCT

7-1/4"

7-1/8"

TEMPLATE

**45-0041-WH Recessed Low Voltage
Media Plate with
Duplex Surge Suppressor**

ACTUAL SIZE

CUT ALONG DOTTED LINE ✂

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

