

Instruction / Installation Sheet

DataComm Electronics 45-0031-WH Recessed Low Voltage Media Plate with Duplex Receptacle



DataComm Electronics, Inc.
6349 Peachtree Street
Norcross, GA 30071-1725
888.223.7977
770.662.8205
www.datacommelectronics.com

Parts Included:

1. 45-0031-WH Recessed Low Voltage Media Plate
2. Old Work Electrical Box
3. 15 Amp/125 Volt Tamper Resistant Duplex Receptacle
4. 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 Receptacle 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.

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 Receptacle in accordance with the National Electrical Code (NEC) and local codes.

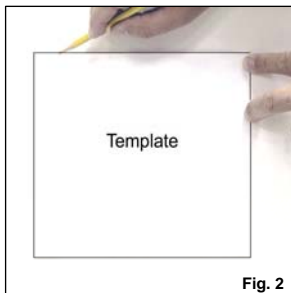


Fig. 2

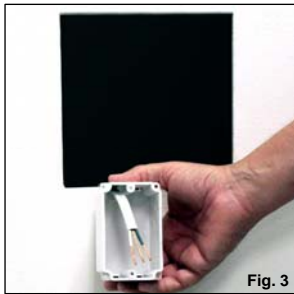


Fig. 3

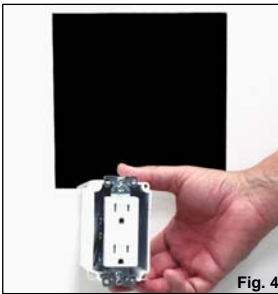


Fig. 4



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 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 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.

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.

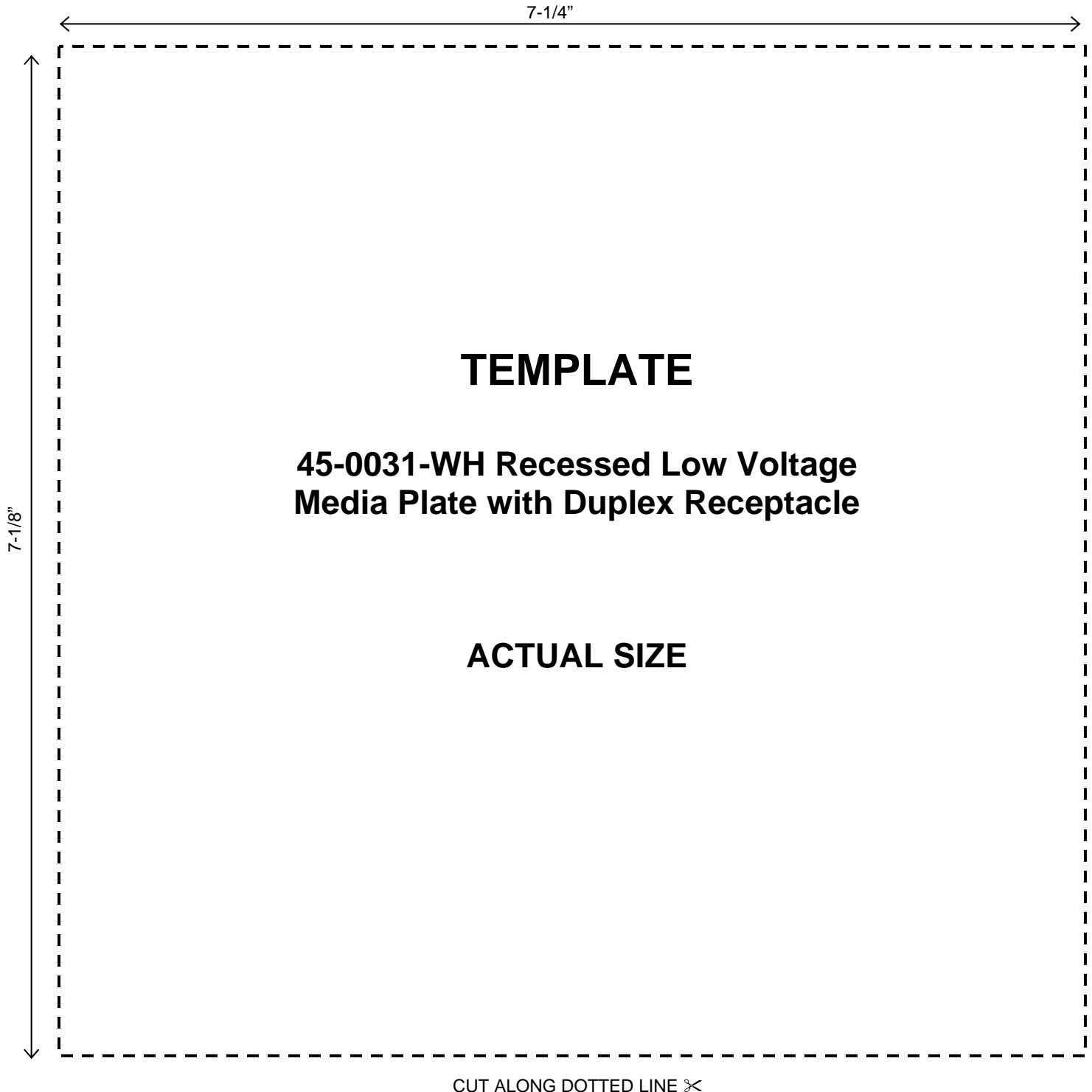
CAUTION

- 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



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



Instruction / Installation Sheet

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



DataComm Electronics, Inc.
6349 Peachtree Street
Norcross, GA 30071-1725
888.223.7977
770.662.8205
www.datacommelectronics.com

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. 1

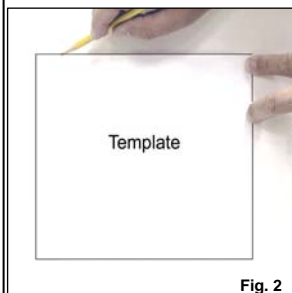


Fig. 2

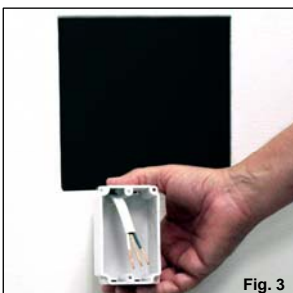


Fig. 3

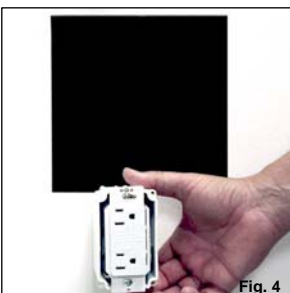


Fig. 4



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.



Instruction / Installation Sheet
Recessed Low Voltage Media Plate
with 20 Amp Duplex Receptacle
Part # 45-0032-WH



DataComm Electronics, Inc.
6349 Peachtree Street
Norcross, GA 30071-1725

888.223.7977
770.662.8205

www.DataCommElectronics.com

Parts Included:

- Recessed Low Voltage Media Plate
- Steel Electrical Box
- 20 Amp/125 Volt Tamper Resistant Duplex Receptacle
- Four (4) Electrical Box Mounting Screws

Tools Required:

- Drill with Phillips Bit or Phillips Head Screw Driver
- Pen or Pencil
- Sheetrock Saw or Utility Knife
- 6 Ft. Tape Measure

Use the Recessed Low Voltage Media Plate with 20 Amp Duplex Receptacle to install low voltage cables behind your HDTV or other display device. The plate can be installed upright or sideways (**see *Installation Diagram below***).

Features of the Recessed Low Voltage Media Plate with 20 Amp Duplex Receptacle include:

- HDTV/display device plug recesses completely into the wall when plugged into the Media Plate
- 20 Amp Duplex Receptacle and Steel Electrical Box for commercial requirements
- Large low voltage pass through opening for multiple low voltage cables

IMPORTANT INSTRUCTIONS:

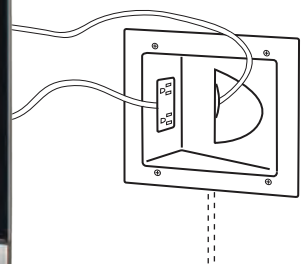
This product is designed for retrofit work only because the electrical outlet box cannot be attached to a stud.

WARNING:

Before you run your 12/2 w/ ground UL approved building to the Recessed Low Voltage Media Plate with 20 Amp Duplex Receptacle, 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 20 Amp Receptacle in accordance with the National Electrical Code (NEC) local codes.



Installation Diagram



Concealed Low Voltage Wiring
(hidden in wall)

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.**

Installation Instructions:

Fig. 1



Figure 1:

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

Fig. 2

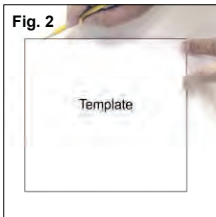


Figure 2:

Cut out the supplied template on page 3 of this instruction sheet. Place the template on the wall in the desired install location. Using your pen or pencil, trace the template on the wall. Using a drywall saw or utility knife, cut a hole in the drywall the size of the template. See Figure 1 before tracing your opening. Remember, this wall plate is designed to be installed between the studs. It cannot be installed on top of a stud.

Fig. 3

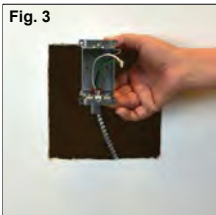


Figure 3:

Run the source of power to the included steel electrical box. Be sure to follow all local electrical codes.

Fig. 4

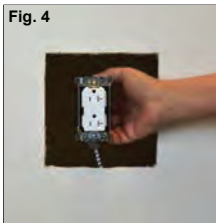


Figure 4:

Connect the supplied 20 Amp Duplex Receptacle to a piece of 12/2 w/ ground UL approved electrical building wire that you have pulled from a power source. Strip off approximately 3 inches of the outer jacket of the wire. Be careful not to cut the jacket of the inner wires. Connect the hot line (black) wire to the brass colored terminal screw and neutral (white) wire to the silver colored terminal screw. Be sure to connect the grounding (green) or bare grounding wire to the green colored terminal screw. Once you have wired the 20 Amp Duplex Receptacle, screw it into the Steel Electrical Box until the receptacle is firmly secured.

Fig. 5



Figure 5:

Use the four provided screws to secure the Steel Electrical Box and Receptacle to the mounting studs on the backside of the Recessed Low Voltage Media Plate.

Fig. 6



Figure 6:

Important: Before installing the Media Plate into the template opening, make sure to pull your low voltage cables through the low voltage cable opening.

After low voltage pass through: Starting with the receptacle side of the Media Plate slowly slide it into the opening. Swing the opposite side of the plate into position until the entire Media Plate is flush with the wall. Now screw down the screws with wings; these wings fasten tightly against the back of the drywall.

Fig. 7

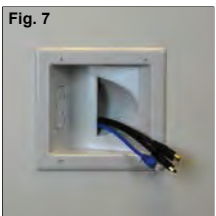


Figure 7:

Your new Recessed Low Voltage Media Plate with 20 Amp Duplex Receptacle is now installed and ready for the TV mount to be installed. Install your TV mount bracket per the TV bracket manufacturer's instructions.

ONLY LICENSED PROFESSIONALS SHOULD INSTALL THIS PRODUCT

7-1/4"

TEMPLATE

**45-0032-WH Recessed Low Voltage
Media Plate with Duplex 20 Amp Receptacle**

ACTUAL SIZE

CUT ALONG DOTTED LINE ✂

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



ETL LISTED
CONFORMS TO
UL STD 514C