

Instruction / Installation Sheet
Mid-Size Rough-In Bracket
Part # 45-0101

DATA COMMTM
ELECTRONICS

Commercial Grade

Parts Included:

- 22GA Galvanized Steel Rough-In Bracket
- Steel Electrical Box
- 3/8" 10-32 Support Screw for Box Brace

DataComm Electronics, Inc.
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888.223.7977
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www.DataCommElectronics.com

Tools Required:

- Drill with Phillips Bit or Phillips Head Screw Driver
- Pen or Pencil
- Four (4) Self-Tapping Sheet Metal Screws (for Installations with Metal Studs Only)
- Four (4) Drywall Screws (for Installations with Wood Studs Only)
- Level
- Needle Nose Pliers (for Electrical Box Knock-Out)

The Mid-Size Rough-In Bracket, part #45-0101, is designed for use with DataComm Electronics' Cable Plates, part numbers: 45-0071, 45-0072 and 45-0081. The Rough-In Bracket allows for an easy, code compliant installation in both residential and commercial settings.

Phase 1: Installing the Mid-Size Rough-In Bracket (Pre-Drywall Installation)

1. Determine the desired location of your Mid-Size Rough-In Bracket.
2. Holding the Rough-In Bracket in the desired location, use your pen or pencil to mark the screw-hole location directly onto the studs. Make your marks through the pre-drilled screw-holes on the sides of the Rough-In Bracket. Make sure to use a level to ensure your markings are straight.
3. Now that the level position has been marked, use the appropriate screws for your installation to mount the Rough-In Bracket securely to the studs.
 - If you are installing the Bracket on metal studs, use four (4) Self-Tapping Sheet Metal Screws (not included).
 - If you are installing the Bracket on wood studs, use four (4) Drywall Screws (not included).
4. Route electrical wire from panel to the Rough-In Bracket following local and NEC regulations in your geographical area. Use needle-nose pliers to open one of the knock-outs on the Steel Electrical Box of the Rough-In Bracket. Pull the electrical wire through the desired knock-out. Make sure to pull enough electrical wire through to allow for easy installation of the receptacle later in your installation.
5. Route all necessary low voltage cables and audio/video wires to the rear of the frame. Make sure to leave sufficient length of all wire to reach the final equipment locations. Do not pull low voltage wires through the opening; secure the wires to the rear of the frame to prevent possible damage during drywall installation.

Phase 2: Installing the Cable Plate into the Mid-Size Rough-In Bracket (Post Drywall Installation)

1. After drywall installation has been complete, you will install one of the coinciding DataComm Electronics' Cable Plates into the Rough-In Bracket. For the Mid-Size Rough-In Bracket, part number 45-0101, you will install one of the following part numbers: 45-0071, 45-0072 or 45-0081.

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2. Remove the duplex receptacle from the packaging of the Cable Plate. Have a licensed electrician install the receptacle by connecting the electrical wire that has been pulled through the Steel Electrical Box of the Rough-In Bracket. After wiring is complete, screw the duplex receptacle securely to the Steel Electrical Box using the included screws.
3. Pass all of the low voltage and audio/video cables through the back of the cable pass-through opening of the Cable Plate.
4. Insert the Cable Plate into the opening of the Rough-In Bracket. The duplex receptacle will fit easily into the rectangular opening of the Cable Plate.
5. Tighten the four screws on the Cable Plate, and the Metal Mounting Wings will grasp tightly to the back of the Rough-In Bracket, holding the Cable Plate in place. Be sure not to over tighten the screws.

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

