

Carlson B234ADJ

Carlson B234ADJ Adjustable 2-Gang Electrical Box

Model: B234ADJ

INTRODUCTION

This manual provides instructions for the proper installation and use of the Carlson B234ADJ Adjustable 2-Gang Electrical Box. This PVC box is designed for new work applications, offering a simple, adjustable solution for mounting electrical devices securely and flush with various wall thicknesses.

SAFETY INFORMATION

WARNING: Always disconnect power at the main service panel before installing or servicing electrical boxes. Installation should be performed by a qualified electrician or in accordance with local electrical codes. Failure to follow these instructions may result in electrical shock, fire, or serious injury.

- Ensure all wiring connections are secure and properly insulated.
- Do not overload the electrical box with more wires or devices than its rated capacity.
- Use appropriate personal protective equipment (PPE) during installation.

SETUP AND INSTALLATION

The Carlson B234ADJ Adjustable Box is designed for easy and secure installation in new construction.

Step 1: Prepare the Mounting Location

Identify the desired location for the electrical box on a wall stud. Ensure there is sufficient space for the box and any associated wiring.

Step 2: Attach the Bracket

Clip the included bracket onto the stud. The design ensures the box mounts square and securely every time. Securing the bracket to the stud prevents the box from moving after installation.

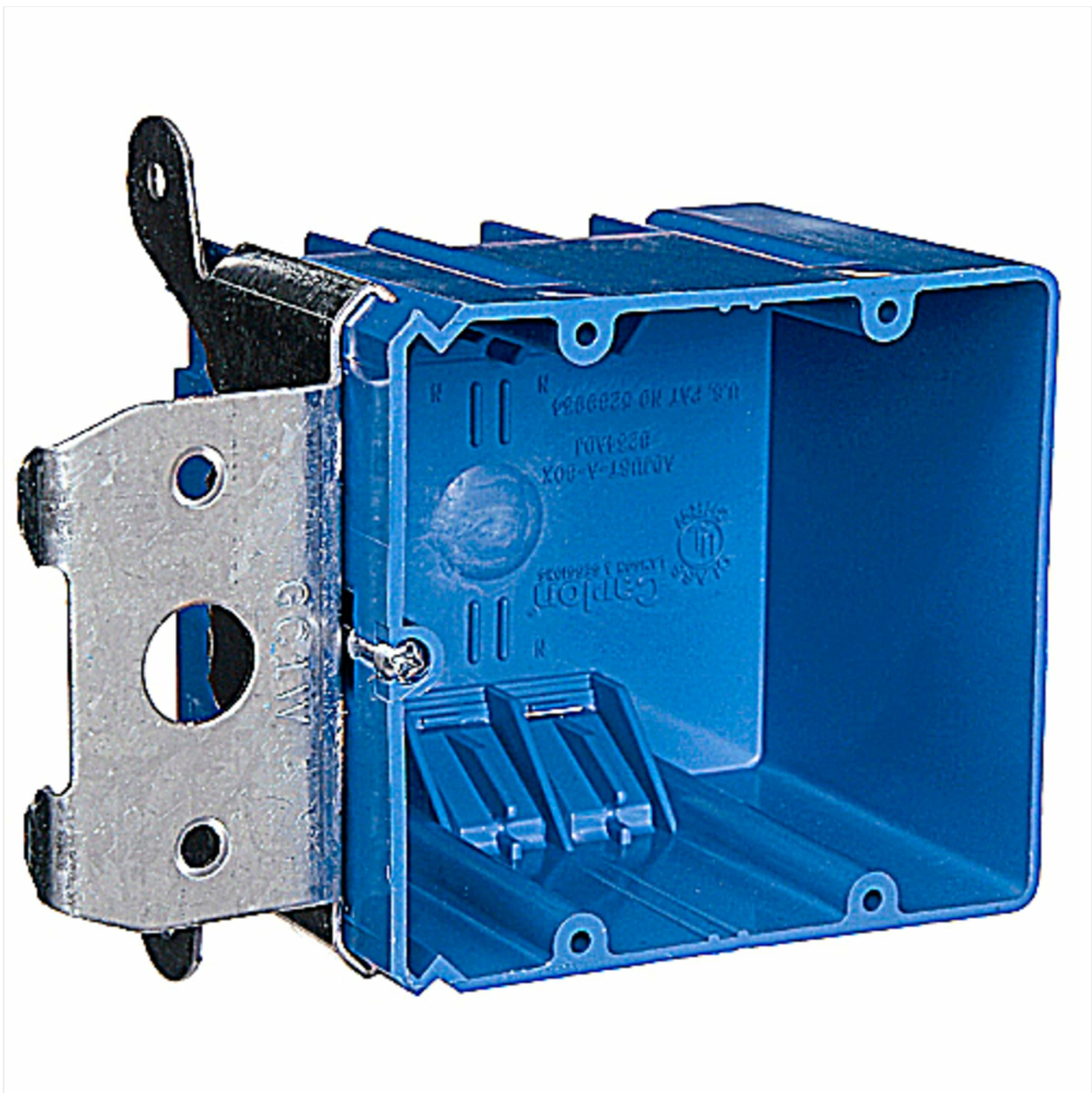


Image: The Carlon B234ADJ Adjustable 2-Gang Electrical Box with its integrated mounting bracket, ready for stud attachment.

Step 3: Adjust Box Depth

The patented design allows the installer to adjust the box to any wall thickness with the turn of a screw. The box comes preset at 1/2 inch. Rotate the adjustment screw to achieve the desired depth, flush with the finished wall surface.

Step 4: Wiring and Device Installation

Once the box is securely mounted and adjusted, proceed with pulling electrical wires into the box through the designated knockouts. Install electrical devices (e.g., outlets, switches) into the box using appropriate screws.

This product satisfies NEC 370-20 and is UL listed 5Z74 and classified 2 hr W/C.

OPERATION

The Carlon B234ADJ Adjustable Box functions as a protective enclosure for electrical wiring and devices. Once installed and wired correctly, it provides a safe and compliant housing for your electrical connections. There are no user-operable parts after installation.

MAINTENANCE

The Carlon B234ADJ Adjustable Box requires minimal maintenance. Periodically inspect the box and surrounding area for any signs of damage, loose connections, or excessive heat.

- Ensure the cover plates for installed devices are securely fastened.
- If any damage is observed, disconnect power and replace the box if necessary.
- Keep the area around electrical boxes clear of obstructions.

TROUBLESHOOTING

Most issues related to electrical boxes are installation-dependent.

- **Box Not Flush with Wall:** Re-adjust the depth screw until the box is flush with the finished wall surface.
- **Box Feels Loose:** Ensure the mounting bracket is securely clipped to the stud and the box is firmly attached to the bracket.
- **Difficulty Installing Devices:** Verify that the box is correctly sized for the devices being installed and that no wires are obstructing the mounting screws.

For any electrical issues, consult a qualified electrician.

SPECIFICATIONS

- **Model:** B234ADJ
- **Type:** 2-Gang Adjustable Electrical Box
- **Material:** Polyvinyl Chloride (PVC)
- **Capacity:** 34 Cubic Inches
- **Dimensions (Approximate):** 3 in D x 5-5/8 in x 3-5/8 in
- **Installation Type:** Stud-Mounted
- **Color:** Blue
- **Compliance:** UL Listed 5Z74, NEC 370-20, Classified 2 hr W/C
- **Manufacturer:** Thomas & Betts (Carlon)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Carlon B234ADJ Adjustable 2-Gang Electrical Box, please contact Carlon customer service or visit the official Carlon website. Keep your purchase receipt for warranty claims.