

## Wiremold RDSZCWH

# Legrand Wiremold RDSZCWH Radiant Furniture Power Center User Manual

Model: RDSZCWH | Brand: Wiremold

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Legrand Wiremold RDSZCWH Radiant Furniture Power Center. This unit is designed to provide convenient power and charging access directly within furniture, featuring a low-profile, compact design that integrates seamlessly into various settings such as offices, lobbies, bedrooms, and more. Please read this manual thoroughly before installation and use to ensure safe and proper operation.

## SAFETY INFORMATION

Always follow basic safety precautions when using electrical products to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using the product.
- Do not use this product near water, such as a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
- Do not expose the product to dripping or splashing. Do not place objects filled with liquids, such as vases, on the product.
- This product is intended for indoor use only.
- Do not attempt to disassemble or modify the product. Refer all servicing to qualified service personnel.
- Ensure the power cord is not pinched or walked on, especially at plugs, convenience receptacles, and the point where they exit from the product.
- Unplug this product during lightning storms or when unused for long periods of time.
- Do not overload electrical outlets.
- Only use attachments/accessories specified by the manufacturer.

## PRODUCT OVERVIEW

The Legrand Wiremold RDSZCWH Furniture Power Center provides convenient access to power and charging ports. Key features include:

- **Two AC Power Outlets:** Standard 125V outlets for powering devices.
- **One USB Type-A Port:** For charging mobile devices.
- **One USB Type-C Port:** For charging newer mobile devices with reversible design.
- **Integrated Switch:** An optional push-button switch to control a connected lighting fixture or other corded device.

- **Low Profile Design:** Mounts nearly flush with the surface for a clean aesthetic.
- **UL Spill Water Compliant:** Can be safely installed in horizontal surfaces like tabletops.
- **Tamper-Resistant Outlets:** Internal shutters prevent insertion of foreign objects.



Figure 1: Front view of the RDSZCWH Power Center. This image displays the white rectangular power center with its two standard AC outlets, one USB-A port, one USB-C port, and a square push-button switch with a lightbulb icon.



Figure 2: Side view showing the compact design and integrated power cord. This image shows the power center from an angled side view, highlighting its slim profile and the attached power cord, which is coiled above the unit.

## SETUP AND INSTALLATION

The Legrand Wiremold RDSZCWH Power Center is designed for easy installation into various furniture surfaces. Follow these steps carefully.

### Tools Required:

- Measuring Tape or Ruler

- Pencil or Marker
- Jigsaw or appropriate cutting tool for your furniture material
- Screwdriver (for tightening clamps)

### Installation Steps:

1. **Choose Location:** Select a suitable location on your furniture. The unit can be mounted vertically or horizontally. Ensure the surface thickness is between 3/8 inch and 1-1/4 inches.
2. **Mark Cutout:** Using a pencil or marker, carefully mark the cutout area on your furniture. The required cutout size is **6 5/8 inches x 2 inches**. Ensure you have sufficient clearance around the cutout: 7 1/8 inches x 2 1/2 inches on the front side (1/4 inch all around) and 1 1/8 inches x 2 inches on the back side (on both ends).

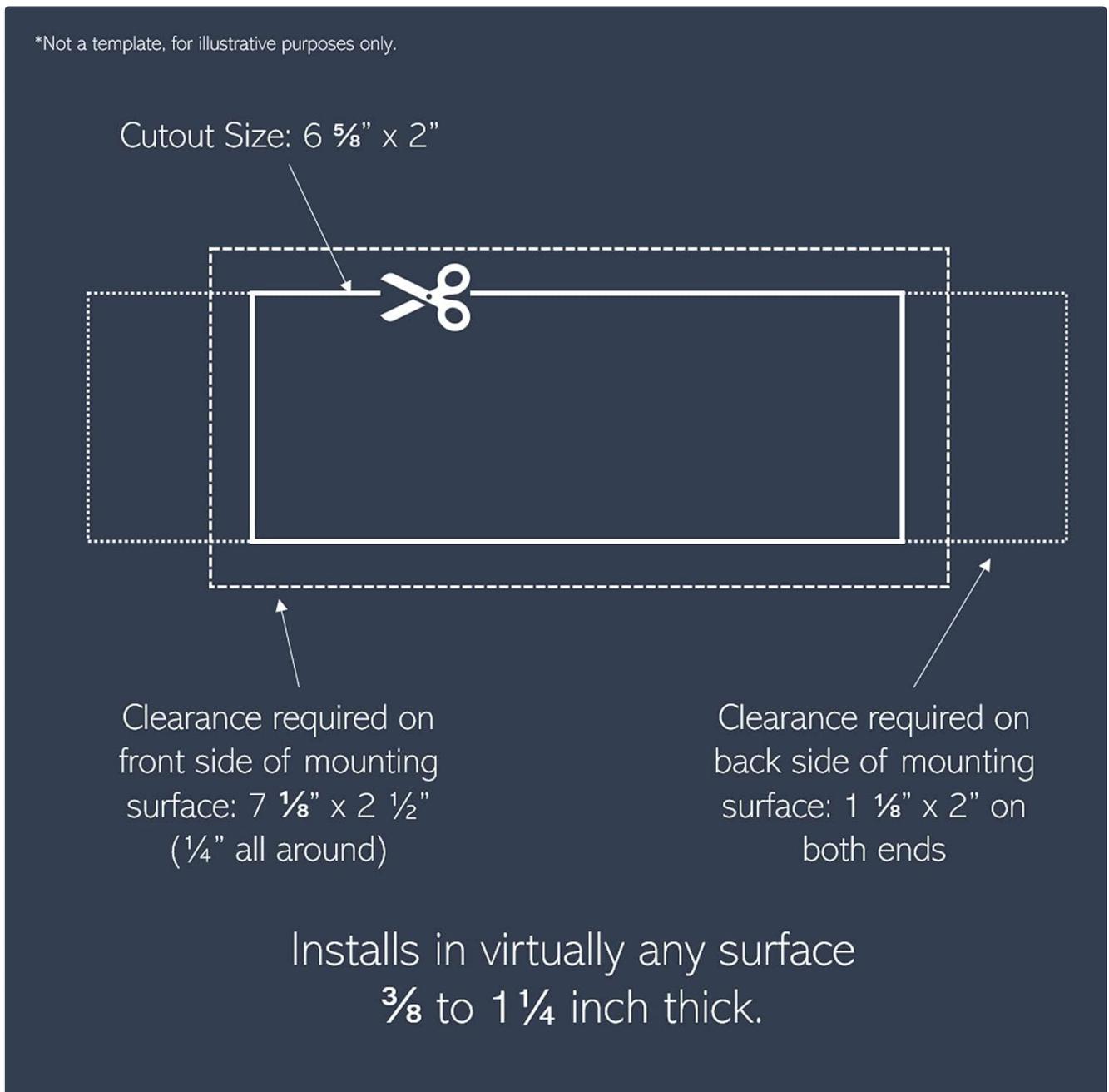


Figure 3: Cutout and Clearance Diagram. This diagram illustrates the precise dimensions for the cutout (6 5/8" x 2") and the necessary clearance on both the front and back sides of the mounting surface for proper installation.

3. **Cut Opening:** Carefully cut the marked opening using a jigsaw or appropriate cutting tool. Ensure clean edges.
4. **Insert Unit:** Insert the power center unit into the cut opening. Ensure it sits flush with the furniture surface.
5. **Tighten Clamps:** From the underside of the furniture, tighten the integrated clamps to secure the unit firmly in place.

6. **Attach Bezel:** Snap the decorative bezel onto the front of the unit for a finished look.
7. **Plug In:** Connect the power center's integrated 6-foot cord to a standard 125V AC wall outlet. The cord features a plug pass-through, allowing you to connect to an outlet even if another plug is already in use.



*Figure 4: Outlet Extender Feature.* This image demonstrates how the power center's plug can be inserted into a wall outlet that is already in use, thanks to its pass-through design.



*Figure 5: Example installation in a bedroom headboard. The power center is shown neatly integrated into a wooden headboard, providing convenient access to power and USB ports near the bed.*



*Figure 6: Example installation in a wooden desk.* This image shows the power center seamlessly integrated into the side of a wooden desk, offering easy access to power in a workspace.

## OPERATING INSTRUCTIONS

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Once installed and plugged in, the Legrand Wiremold RDSZCWH Power Center is ready for use.

- **AC Outlets:** Plug your standard electrical devices into the two 3-prong AC outlets.
- **USB Charging Ports:** Connect your mobile devices to the USB Type-A or USB Type-C ports for charging. The total output for both USB ports is 5V, 3.1A.
- **Integrated Switch:** If you have connected a lighting fixture or other corded device to one of the AC outlets and wish to control it via the integrated switch, press the square button with the lightbulb icon to toggle power on or off to that specific outlet. The green indicator light above the switch will illuminate when the controlled outlet is powered on.

## USB PORTS

Choose from Type A and Type combinations.



## TAMPER RESISTANT OUTLETS

Safer and more effective than plastic outlet caps, the internal shutter system lets plugs in, but keeps keys and other objects out with automatic shutters that block access.



Figure 7: USB Port Types and Tamper-Resistant Outlets. This image provides a visual explanation of the USB Type-A and Type-C ports, and shows the power center installed in a bedroom setting, highlighting the tamper-resistant feature of the outlets.

## MAINTENANCE

The Legrand Wiremold RDSZCWH Power Center requires minimal maintenance.

- **Cleaning:** Disconnect the power center from the wall outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Inspection:** Periodically inspect the power cord and the unit for any signs of damage, such as frayed wires or cracks. If damage is found, discontinue use and contact qualified service personnel.

## TROUBLESHOOTING

If you experience issues with your Legrand Wiremold RDSZCWH Power Center, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power from outlets/USB ports.	Unit is not plugged in or wall outlet has no power.	Ensure the power center's cord is securely plugged into a live wall outlet. Test the wall outlet with another device.
Device connected to switch-controlled outlet does not turn on.	The integrated switch is off.	Press the lightbulb icon switch to turn on the controlled outlet. Check if the green indicator light is on.
USB devices are charging slowly or not at all.	Device requires more power than available, or cable is faulty.	Ensure your device is compatible with 5V, 3.1A total output. Try a different USB cable. Avoid charging multiple high-power devices simultaneously if experiencing slow charging.

Problem	Possible Cause	Solution
Unit does not fit into furniture cutout.	Incorrect cutout dimensions.	Re-measure your cutout. The required size is 6 5/8" x 2". Ensure furniture thickness is within 3/8" to 1-1/4".

## SPECIFICATIONS

Feature	Detail
Model Number	RDSZCWH
Product Dimensions	2 x 7.13 x 2.5 inches
Item Weight	1.4 pounds
Total Power Outlets	2 AC Outlets
USB Ports	1x USB Type-A, 1x USB Type-C
USB Output	5V, 3.1A total
Voltage	125 Volts
Cord Length	6 feet
Mounting Surface Thickness	3/8" to 1-1/4"
Cutout Size	6 5/8" x 2"
Special Feature	Compact, UL Spill Water Compliant, Tamper-Resistant Outlets, Integrated Switch

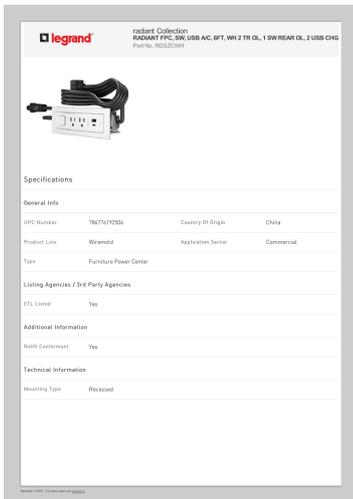
## WARRANTY AND SUPPORT

For specific warranty information regarding your Legrand Wiremold RDSZCWH Furniture Power Center, please refer to the documentation included with your purchase or visit the official Wiremold website. Protection plans may also be available for extended coverage.

For technical support, product inquiries, or assistance with troubleshooting beyond this manual, please contact Wiremold customer service. You can often find contact information on the manufacturer's website or on the product packaging.

Visit the official Wiremold store on Amazon: [Wiremold Store](#)

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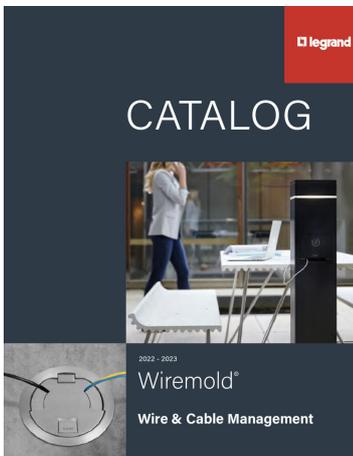
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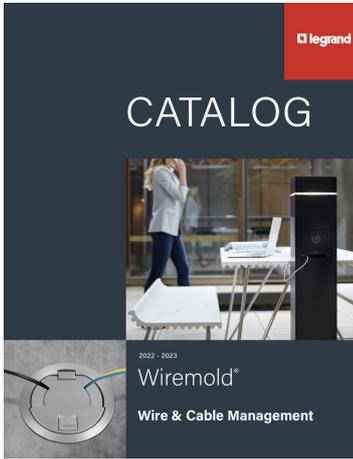
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