

BELL 5874-5S



Hubbell 5874-5S Bell Cover and GFCI Receptacle Weatherproof Box Instruction Manual

Model: 5874-5S

1. PRODUCT OVERVIEW

The BELL 5874-5S is a 1-gang complete flip cover kit designed for outdoor electrical installations. It includes a self-test GFCI (Ground Fault Circuit Interrupter) receptacle, a weatherproof box, and a flip cover, all in a gray finish. This unit provides enhanced safety by protecting against electrical shocks in wet or damp locations.

Key Features:

- Self-test GFCI for continuous safety monitoring.
- Rugged die-cast construction for durability.
- State-of-the-art powder coat finish for maximum weatherability and scratch resistance.
- Self-closing lids ensure weatherproof protection when the receptacle is not in use.
- Includes gasket and mounting hardware for easy installation.



Figure 1: Front view of the Hubbell 5874-5S Weatherproof Box with the cover open, revealing the integrated GFCI receptacle.

2. SAFETY INFORMATION

WARNING: To avoid fire, shock, or death; turn off power at circuit breaker or fuse box and test that power is off before wiring! This device must be installed by a qualified electrician in accordance with all national and local electrical codes.

- Always disconnect power before installation or servicing.
- Do not use if the product appears damaged.
- Ensure all connections are secure and properly insulated.
- This product is designed for outdoor use and must be installed in a location protected from direct water spray, as per local codes.
- Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. SETUP AND INSTALLATION

1. **Prepare the Installation Site:** Ensure the electrical box or mounting surface is clean, dry, and free of debris. Turn off power at the main circuit breaker.
2. **Mount the Weatherproof Box:** Position the weatherproof box over the existing electrical box or mounting surface. Use the included mounting hardware to securely fasten the box. Ensure the gasket is properly seated between the box and the mounting surface to maintain a watertight seal.
3. **Wire the GFCI Receptacle:** Connect the electrical wires to the GFCI receptacle terminals. Refer to the wiring diagram on the GFCI unit itself. Typically, the "LINE" terminals connect to the incoming power from the circuit breaker, and the "LOAD" terminals (if used) connect to downstream receptacles or devices that also require GFCI protection. Ensure proper polarity (hot, neutral, ground).





Figure 2: Rear view of the GFCI receptacle, indicating LINE and LOAD terminals for wiring.

4. **Install the GFCI into the Box:** Carefully fold the wires and insert the GFCI receptacle into the weatherproof box opening. Secure it with the provided screws.
5. **Close the Flip Cover:** Ensure the self-closing flip cover operates smoothly and provides a tight seal when closed.
6. **Restore Power:** Turn on power at the main circuit breaker.

4. OPERATING INSTRUCTIONS

The integrated GFCI receptacle is designed for user safety. It continuously monitors the electrical current and will trip (shut off power) if it detects a ground fault, preventing electrical shock.

GFCI Self-Test Function:

This GFCI features an automatic self-test function. It periodically performs an internal test to ensure it is functioning correctly. If the GFCI fails the self-test, the indicator light will turn RED, and the unit will trip, indicating it needs replacement.

Manual Test and Reset:

- **TEST Button:** Press the "TEST" button (usually black or red) to manually trip the GFCI. This should cause the power to the receptacle to shut off.
- **RESET Button:** After testing or if the GFCI has tripped, press the "RESET" button (usually red or white) to restore power. If the GFCI does not reset, or trips immediately, there may be a ground fault or wiring issue that needs to be addressed.

Self-Closing Lids:

The flip cover features self-closing lids that automatically close when a plug is removed. This ensures continuous weatherproof protection for the receptacle when it is not in use.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean the exterior of the weatherproof box with a damp cloth. Do not use abrasive cleaners or solvents.
- **Monthly GFCI Test:** It is recommended to manually test the GFCI monthly by pressing the "TEST" button and then the "RESET" button. This verifies its proper operation.
- **Inspect for Damage:** Regularly inspect the box and cover for any signs of physical damage, cracks, or wear. Replace the unit if any damage is observed.

6. TROUBLESHOOTING

- **GFCI Will Not Reset:**
Possible Cause: A ground fault exists in the circuit or connected appliance. The GFCI is faulty. Power is off to the circuit.
Solution: Unplug all appliances from the GFCI and any downstream outlets. Try to reset. If it resets, plug appliances back in one by one to identify the faulty appliance. If it still won't reset, check the circuit breaker. If the breaker is on and no appliances are connected, the GFCI may be faulty and needs replacement. Observe the indicator light: if it's RED, replacement is necessary.
- **No Power to Receptacle:**
Possible Cause: GFCI is tripped. Circuit breaker is off. Loose wiring connection.
Solution: Press the "RESET" button on the GFCI. Check the circuit breaker in your electrical panel. Ensure all wiring connections are secure (only perform if power is off and you are qualified).

7. SPECIFICATIONS

Feature	Detail
Product Type	1-Gang, Complete Flip Cover Kit, Self Test GFCI, Flip Cover, Box, Receptacle
Model Number	5874-5S
Brand	BELL
Manufacturer	Hubbell
Color	Gray
Material	Die Cast
Product Dimensions	3.14 x 7 x 8.5 inches

Item Weight	5.44 ounces
Compatible Devices	All (standard electrical plugs)
Power Plug Type	Type A - 2 pin (North American)

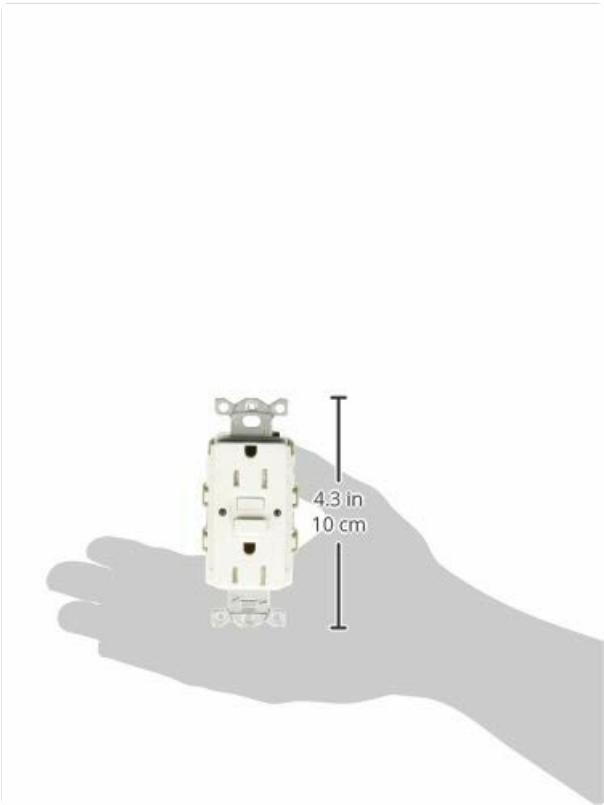





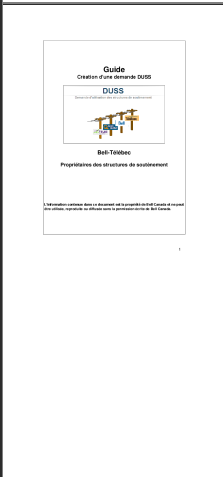

Figure 3: Dimensions of the GFCI receptacle component.

8. WARRANTY AND SUPPORT

This BELL product is manufactured by Hubbell and is designed for durability and performance. For specific warranty information or technical support, please refer to the documentation included with your purchase or visit the official BELL/Hubbell website. Keep your purchase receipt for warranty claims. For further assistance, you may contact BELL customer service through their official channels.

Related Documents - 5874-5S

	<p>Subaru Bell 412EPX Helicopter Specifications</p> <p>Detailed specifications for the Subaru Bell 412EPX helicopter, including performance data, dimensions, avionics, and engine information. Explore the capabilities of this versatile aircraft.</p>
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	<p>Bell 407GX 5G Radar Altimeter Filter Kit Installation Technical Bulletin</p> <p>Technical Bulletin detailing the installation of the 5G Radar Altimeter Filter Retrofit Kit (407-704-039-101) for Bell 407GX helicopters, ensuring compliance with FAA AD 2023-11-07.</p>
	<p>Bell 8025247 Cordless Telephone User's Manual</p> <p>Comprehensive user manual for the Bell 8025247 cordless telephone, covering setup, operation, features, and troubleshooting. Learn how to install, use, and maintain your Bell phone. Features ENERGY STAR® certification (www.energystar.gov).</p>
	<p>Bell Streamer Quick Start Guide</p> <p>A quick start guide for the Bell Streamer, detailing its contents, remote control functions, setup instructions, and troubleshooting tips.</p>
	<p>Guide de Création de Demandes DUSS pour Bell-Télébec</p> <p>Ce guide détaillé explique le processus de création de demandes DUSS pour l'utilisation des structures de soutènement par Bell-Télébec, couvrant les procédures aériennes et souterraines.</p>
	<p>Bell 429 Helicopter ACA Course Heading Flight Director Knob Insert Replacement Instructions</p> <p>This document provides instructions for replacing the Course Heading Flight Director (CHFD) panel knob inserts on Bell Model 429 helicopters. It includes information on materials needed, removal procedures, and installation steps for the knob inserts affected by decal wear and chipping.</p>

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