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Legrand 050179 3680W 230V Mobile Socket Base Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Legrand 050179 Mobile Socket Base. Please read this manual thoroughly before installation and operation, and retain it for future reference.

Product Overview

The Legrand 050179 is a black mobile socket base designed for electrical connections up to 3680W at 230V. It features a 2-pin socket with grounding for enhanced safety and a movable head for flexible alignment. This product is suitable for various applications requiring a robust and reliable mobile power connection.

What's in the Box

- 1 x Legrand 050179 Mobile Socket Base

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power before working with electrical components. Installation should be performed by a qualified electrician or competent person.

- Ensure the total power consumption of connected devices does not exceed 3680W (16A at 230V).
- This socket is designed for indoor use in dry conditions unless otherwise specified for outdoor use.
- Do not use if the product is damaged.
- Keep out of reach of children. This product includes child protection features.
- Do not immerse in water or other liquids.

3. SETUP AND INSTALLATION

Follow these steps to correctly connect the internal cables to the mobile socket base.

- 1. Prepare the Cable:** Carefully strip the outer insulation of your electrical cable to approximately 30mm. Then, strip the individual wire insulation to about 8mm. This ensures proper contact and secure connection.



Figure 3.1: Cable preparation diagram. Strip outer insulation 30mm, inner insulation 8mm. Maximum cable size 3 x 1.5 mm².

- 2. Open the Socket Base:** The mobile socket base is designed to open for cable insertion. Gently separate the two halves or access the internal terminals as per the product design.
- 3. Connect Wires:** Insert the prepared wires into the corresponding terminals. Ensure the grounding wire (yellow/green) is connected to the grounding terminal, and the live (brown/black) and neutral (blue) wires are connected to their respective terminals. The Schuko lever screws facilitate secure clamping of the internal cables.
- 4. Secure the Cable:** Use the integrated clamp to firmly secure the cable, preventing strain on the internal connections.
- 5. Close the Socket Base:** Reassemble the socket base, ensuring all components are properly aligned and secured. The movable head allows for flexible alignment of the socket once assembled.



Figure 3.2: Front view of the socket base, illustrating the 2-pin configuration and grounding contact.



Figure 3.3: Side view of the socket base, displaying the Legrand branding and electrical specifications.

4. OPERATING INSTRUCTIONS

Once the mobile socket base is correctly wired and assembled, it is ready for use.

- 1. Connect to Power Source:** Plug the assembled mobile socket into a suitable wall outlet.
- 2. Connect Appliances:** Insert the plug of your appliance into the mobile socket. Ensure the appliance's power requirements do not exceed the socket's maximum rating of 3680W (16A, 230V).
- 3. Disconnecting:** To disconnect, first switch off the appliance, then remove its plug from the mobile socket, and finally unplug the mobile socket from the wall outlet.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your mobile socket base.

- Cleaning:** Disconnect the socket from the power source before cleaning. Wipe the exterior with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Inspection:** Periodically inspect the socket for any signs of damage, such as cracks, frayed wires, or loose connections. If any damage is found, discontinue use immediately and replace the product.
- Storage:** Store the socket in a dry place, away from direct sunlight and extreme temperatures, when not in use.

6. TROUBLESHOOTING

If you encounter issues with your Legrand 050179 Mobile Socket Base, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power to connected appliance	Socket not plugged in correctly Appliance not switched on Faulty appliance Overload/Tripped circuit breaker Loose internal wiring	Ensure the mobile socket is fully inserted into the wall outlet. Check the appliance's power switch. Test the appliance with another known working socket. Check your household circuit breaker and reset if tripped. Reduce load. Carefully inspect internal wiring (only if competent and power is disconnected).
Socket feels warm	Overload Poor connection	Disconnect some appliances to reduce the load. Ensure plugs are fully inserted. If warmth persists, discontinue use and have it inspected.

7. SPECIFICATIONS

Feature	Detail
Model Number	050179
Brand	Legrand
Color	Black

Feature	Detail
Voltage	230 Volts
Current Rating	16 Amperes
Maximum Power	3680 Watts
Connector Type	Schuko (2-pin + Earth)
Material	Plastic
Product Dimensions	1.85 x 1.85 x 2.44 inches (4.7 x 4.7 x 6.2 cm)
Weight	1.41 ounces (40.8 g)

8. WARRANTY AND SUPPORT

Legrand products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or visit the official Legrand website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Legrand customer service through their official website or the contact information provided with your product.

Manufacturer: Legrand

Website: www.legrandgroup.com