Legrand 191505

Legrand Plexo 191505 Double Waterproof Surface Wall Socket

Model: 191505 | Brand: Legrand

Introduction

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Legrand Plexo 191505 Double Waterproof Surface Wall Socket. This double socket is designed for surface installation in outdoor environments, basements, and garages, offering IP55 waterproof protection. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Safety Information

WARNING: Electrical shock hazard. Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.

- Always disconnect power at the main circuit breaker or fuse box before installing or servicing the socket.
- Ensure the product is suitable for the intended environment. This socket has an IP55 rating, indicating protection against dust ingress and low-pressure water jets from any direction.
- Do not exceed the maximum electrical ratings: 16A at 230V, 3680W maximum working capacity.
- The socket features child protection at the connection poles.
- Inspect the socket for any damage before installation. Do not install damaged products.

Package Contents

Verify that all components are present before beginning installation:

- 1x Legrand Plexo 191505 Double Waterproof Surface Wall Socket with lid

Setup and Installation

Follow these steps for proper installation of your double wall socket:

Tools Required:

- Screwdriver (flat/star)
- Drill with appropriate drill bits
- Wall plugs/anchors (if mounting to masonry)
- Wire strippers

Installation Steps:

1. **Prepare the Installation Area:** Ensure the power supply to the installation area is completely disconnected. Choose a suitable surface for mounting, considering the socket's dimensions (14.8 x 8 x 6 cm).
2. **Mount the Base:**

   

   Image: The Legrand Plexo 191505 double wall socket in its closed, ready-to-mount state. This image shows the grey exterior and the two covered outlets.

   Position the socket base on the desired surface. Mark the drilling points through the mounting holes. Drill holes and insert wall plugs if necessary. Secure the socket base to the wall using appropriate screws. The joint joints between the mechanism and the wall facilitate easy fitting on various surfaces.
3. **Prepare Wiring:** The socket box is equipped with top and bottom membranes for pipe inlet diameters up to 25mm. Carefully remove the membrane for your chosen cable entry point. Strip the outer insulation of the electrical cable and then strip the individual wires (Live, Neutral, Earth) to the appropriate length for connection.

   

   Image: The Legrand Plexo 191505 double wall socket with one of its protective covers open, revealing the internal socket mechanism. This view highlights the robust design for outdoor use.
4. **Connect Wiring:**

   

   Image: An internal view of the Legrand Plexo 191505 double wall socket, showing the wiring terminals and connections. This illustrates the robust construction and clear points for electrical connections.

   Connect the Live, Neutral, and Earth wires to their respective terminals within the socket mechanism. Ensure all connections are secure and tight. The quick-connect terminals simplify the wiring process.
5. **Assemble the Cover:** Once wiring is complete and verified, carefully reattach the front cover of the socket, ensuring a tight seal to maintain its IP55 rating.
6. **Restore Power:** Once installation is complete and all covers are securely fastened, restore power at the main circuit breaker. Test the socket for proper operation.

Operation

The Legrand Plexo 191505 Double Waterproof Surface Wall Socket operates like any standard electrical outlet. To use, simply lift the protective cover and insert your appliance plug into the socket. The covers are designed for automatic closing to maintain IP55 protection when not in use or when a plug is inserted.

Maintenance

- **Cleaning:** Clean the exterior of the socket with a damp cloth. Do not use abrasive cleaners or solvents. Ensure the covers are closed during cleaning.

- **Inspection:** Periodically inspect the socket for any signs of damage, wear, or loose connections. Check the integrity of the waterproof seals. If any damage is observed, disconnect power and have the unit inspected or replaced by a qualified electrician.
- **Environmental Considerations:** While rated IP55, prolonged exposure to extreme weather conditions may affect the product's lifespan.

Troubleshooting

- **No Power to Socket:**
  - Check the main circuit breaker or fuse box to ensure power is on.
  - Verify all wiring connections are secure and correct.
  - Test the appliance in another known working socket.
- **Water Ingress:**
  - Ensure the protective covers are fully closed when not in use or when a plug is inserted.
  - Inspect the seals around the cover and cable entry points for damage or improper installation.
  - If water ingress is suspected, immediately disconnect power and consult a qualified electrician.

Specifications

Model Number	191505
Brand	Legrand
Product Type	Double Wall Socket, Surface Mount
Color	Grey
Material	Plastic
Voltage	230 Volts
Maximum Current	16 Amperes
Maximum Power	3680 Watts
Ingress Protection (IP) Rating	IP55 (Dust protected, protected against low-pressure water jets from any direction)
Product Dimensions	14.8 x 8 x 6 cm (5.83 x 3.07 x 0.1 inches)
Weight	259g (9.17 ounces)
Connector Type	Plug-in
Manufacturer	Legrand

Warranty and Support

For warranty information, technical support, or to inquire about replacement parts, please refer to the official Legrand website or contact their customer service department. Keep your purchase receipt as proof of purchase.

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