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> [Masterplug IP54 Weatherproof Enclosure Box WBXG-MP Instruction Manual](#)

Masterplug WBXG-MP

Masterplug IP54 Weatherproof Enclosure Box

Model: WBXG-MP

INTRODUCTION

The Masterplug IP54 Weatherproof Enclosure Box is designed to provide a safe and secure housing for outdoor electrical connections. Its robust construction and IP54 rating protect against dust and water ingress, making it ideal for use with extension leads, bulky adaptors, transformers, and timers in various outdoor environments, such as gardening, DIY tasks, or temporary outdoor lighting.

SAFETY INFORMATION

- Always read and understand these instructions before installing or using the enclosure box.
- Ensure all electrical connections inside the box are secure and dry before closing the lid.
- Do not submerge the enclosure box in water. It is designed for protection against splashes and dust, not immersion.
- Properly route all cables through the designated outlets to maintain the IP54 weather resistance. Do not force cables or create gaps.
- Always disconnect power from the electrical connections before opening the enclosure box for any reason, including maintenance or adjustments.
- Regularly inspect the enclosure box for any signs of damage, cracks, or wear. Discontinue use if damage is found.
- Keep out of reach of children.

PRODUCT OVERVIEW

The Masterplug IP54 Weatherproof Enclosure Box offers a reliable solution for protecting outdoor electrical connections. Key features include:

- **IP54 Rating:** Provides protection against dust and water splashes from any direction.
- **Hinged Front Cover:** Allows for easy access to internal connections.
- **Secure Side Catch:** Ensures the lid is firmly closed and sealed.
- **Wall-Fixing Capability:** Can be securely mounted to a wall for a permanent solution.

- **Internal Cable Management:** Includes a hook and fastener strip to secure extension leads and prevent strain.
- **Multiple Cable Outlets:** Features five standard cable outlets and two optional M20 gland points for versatile cable entry and exit.



Image: The Masterplug IP54 Weatherproof Enclosure Box, demonstrating its IP54 rating with water droplets on its surface and a cable securely routed.

Weatherproof Outdoor Box

seals cables, plugs & more when in use



IP54 weatherproof rating
protects electricals against dust and water ingress

Image: Visual representation of the Masterplug Weatherproof Box dimensions, indicating a height of 9.3 inches (23 cm).

SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the enclosure box from its packaging. Inspect for any damage that may have occurred during transit.
2. **Placement:** Choose a suitable location for the enclosure box. It can be placed on a flat, stable surface or wall-mounted. Ensure the location is easily accessible but protected from direct, prolonged heavy rain if possible.
3. **Wall Mounting (Optional):**
 - Identify the mounting points on the back of the enclosure.
 - Mark the desired drilling locations on the wall.
 - Drill holes using an appropriate drill bit for your wall material.
 - Secure the enclosure to the wall using suitable screws and wall plugs (not supplied). Ensure it is firmly attached.

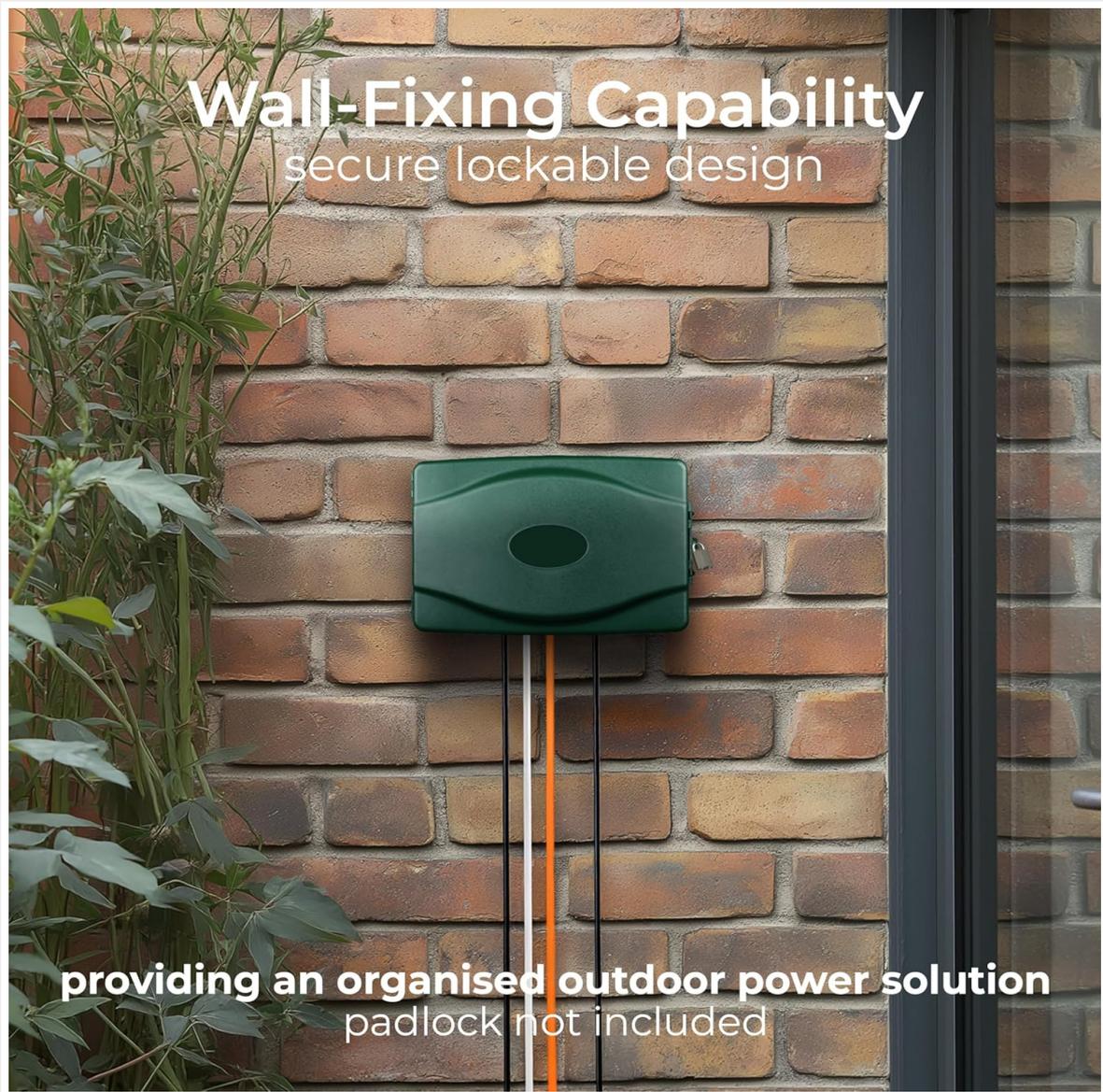


Image: The Masterplug Weatherproof Box securely wall-mounted on a brick wall, demonstrating its capability to organize outdoor power connections.

4. Cable Entry:

- Open the hinged front cover of the enclosure.
- Route your electrical cables (e.g., extension leads, power cords for outdoor appliances) through the designated cable outlets. The enclosure has five standard outlets.
- For additional or specific cable entry/exit, two optional M20 gland points are available. Remove the knockouts and install M20 glands (not supplied) as needed.

Multiple Knockouts

for versatility



Five cable outlets
with two optional M20 gland outlets

Image: A view of the bottom of the Masterplug Weatherproof Box, showing the five cable outlets and the two circular M20 gland knockouts.

5. Internal Connections:

- Connect your electrical devices or extension leads inside the box.
- Utilize the internal hook and fastener strip to secure extension leads, preventing them from moving and reducing strain on connections.

Hinged Front Cover

allows easy access



Ideal for extension leads,
bulky adaptors, transformers and timers

Image: The Masterplug Weatherproof Box shown open, revealing its spacious interior and the hinged lid design for easy access.

6. Closing the Enclosure:

- Ensure all cables are properly seated within the outlets and are not pinched by the lid or seals.
- Close the hinged front cover firmly.
- Engage the secure side catch to ensure the lid is fully sealed and the IP54 rating is maintained.

Easy to Use
with a hinged lid



Hook and loop fastener
to secure the extension lead

Image: A close-up view of the Masterplug Weatherproof Box's hinged lid and the robust latch mechanism, designed for easy and secure closure.

OPERATING INSTRUCTIONS

Once the Masterplug IP54 Weatherproof Enclosure Box is properly installed and all electrical connections are made and secured inside, it is ready for use:

- Connect your main power source to the extension lead or device housed within the enclosure.
- Connect your outdoor appliances (e.g., lawnmowers, strimmers, outdoor lighting, power tools) to the outlets provided by the internal extension lead.
- Always ensure the enclosure box remains closed and the side catch is firmly secured during operation to maintain its weather-resistant properties.
- Avoid opening the box during wet weather conditions to prevent water ingress.



Image: The Masterplug Weatherproof Box in an outdoor setting, protecting electrical connections while a person operates a lawnmower in the background.



Image: The Masterplug Weatherproof Box deployed on grass, safeguarding electrical connections for outdoor Christmas lights.

MAINTENANCE

To ensure the longevity and continued performance of your Masterplug IP54 Weatherproof Enclosure Box, follow these maintenance guidelines:

- **Regular Inspection:** Periodically check the entire enclosure for any signs of physical damage, such as cracks, dents, or discoloration.
- **Seal Integrity:** Inspect the rubber seals around the lid and cable outlets. Ensure they are clean, intact, and free from debris that could compromise the weather seal.
- **Cleaning:** Clean the exterior of the enclosure with a damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the material and seals.
- **Cable Check:** While power is disconnected, inspect all cables entering and exiting the box for any signs of damage, fraying, or exposed wires. Replace damaged cables immediately.

TROUBLESHOOTING

If you encounter issues with your Masterplug IP54 Weatherproof Enclosure Box, consider the following:

- **Water Ingress:** If water is found inside the enclosure, immediately disconnect power to all internal connections. Check the following:
 - Ensure the lid is fully closed and the side catch is securely fastened.
 - Verify that all cable outlets are properly sealed around the cables and that no gaps exist.
 - Inspect the enclosure body and seals for any damage or cracks.
- **Difficulty Closing the Lid:** Ensure that no cables or internal components are obstructing the lid or the rubber seals. Rearrange cables if necessary.
- **Loose Wall Mounting:** If the enclosure feels loose when wall-mounted, disconnect power, open the box, and carefully re-tighten the mounting screws. If necessary, use more appropriate or robust fixings for your wall material.

SPECIFICATIONS

Feature	Specification
Model	WBXG-MP
IP Rating	IP54 (Weather and Dust Proof)
Material (Enclosure Body)	Durable Plastic
Color	Green
Dimensions (D x W x H)	4.98" x 13.58" x 8.66" (126.5mm x 351mm x 220mm)
Cable Outlets	5 standard, 2 optional M20 gland points
Standards Conformance	British Standards EN62208:2011
Item Weight	12.7 ounces (0.36 Kilograms)

WARRANTY AND SUPPORT

This Masterplug product is manufactured to high standards and is designed for reliable performance. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For further assistance, technical support, or to inquire about warranty information, please refer to the Masterplug official website or contact their customer service department using the contact information provided with your purchase or on the manufacturer's website.