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Urmet 114552

Urmet 1145/52 Built-in Box User Manual

Model: 1145/52 | Brand: Urmet

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Urmet 1145/52 Built-in Box. This flush-mounted box is designed to accommodate two SYNTHESIS modules, providing a secure and integrated housing solution for various electronic components.

Please read this manual thoroughly before proceeding with installation or operation to ensure proper functionality and safety.

PRODUCT OVERVIEW



Figure 1: The Urmet 1145/52 Built-in Box. This image shows the metallic, rectangular enclosure designed for flush mounting. It features multiple pre-drilled holes on the back panel for securing modules and mounting points on the sides for installation within a wall or surface.

The Urmet 1145/52 is a robust, flush-mounted enclosure specifically designed for integrating two SYNTHESIS modules.

Its compact design allows for discreet installation, making it suitable for various indoor applications where a clean and integrated appearance is desired.

- **Purpose:** Houses two SYNTHESIS modules.
- **Mounting:** Flush-mounted for seamless integration.
- **Construction:** Durable material for long-lasting performance.

SETUP AND INSTALLATION

Proper installation is crucial for the functionality and longevity of the Urmet 1145/52 Built-in Box. It is recommended that installation be performed by a qualified professional.

Tools and Materials Required:

- Measuring tape
- Level
- Drill
- Screwdriver set
- Wall cutting tool (if flush mounting in a new wall)
- Appropriate fasteners for your wall type

Installation Steps:

1. **Prepare the Mounting Location:** Identify the desired location for the built-in box. Ensure there is sufficient space behind the wall for the box dimensions (H x W x D: 204 x 118 x 45 mm). Mark the precise cutout area on the wall.
2. **Create the Opening:** Carefully cut the marked opening in the wall using an appropriate tool. Ensure the opening is clean and precise to allow for a snug fit.
3. **Insert the Box:** Gently insert the Urmet 1145/52 Built-in Box into the prepared opening. Ensure it is level and flush with the wall surface.
4. **Secure the Box:** Use appropriate fasteners to secure the box firmly to the wall studs or anchors. Ensure the box is stable and does not wobble.
5. **Install Modules:** Once the box is secured, install the two SYNTHESIS modules into the designated slots within the box. Follow the specific installation instructions for your SYNTHESIS modules.
6. **Connect Wiring:** Make all necessary electrical connections to the modules as per their respective manuals. Ensure all wiring is neat and secure within the box.
7. **Final Check:** Verify that the box is securely mounted, modules are correctly installed, and all connections are proper before closing any covers or proceeding with system operation.

OPERATING INSTRUCTIONS

The Urmet 1145/52 Built-in Box itself does not have operational controls. Its function is to house and protect the SYNTHESIS modules. The operation of your system will depend entirely on the specific SYNTHESIS modules installed within the box.

Refer to the user manuals provided with your SYNTHESIS modules for detailed operating instructions, including power-on procedures, configuration, and daily use.

Ensure that the modules are properly seated and secured within the box before applying power to the system.

MAINTENANCE

The Urmet 1145/52 Built-in Box requires minimal maintenance. Regular checks can help ensure its longevity and the proper functioning of the housed modules.

- **Cleaning:** Periodically wipe the exterior of the box (if exposed) with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the mounting screws and fasteners to ensure they remain tight. Check for any signs of wear or damage to the box or its internal components.
- **Environmental Conditions:** Ensure the installation environment remains within suitable temperature and humidity ranges as specified by the SYNTHESIS modules' manufacturers.
- **Module Access:** If access to the modules is required for maintenance or replacement, carefully remove any covers or fascias before accessing the internal components. Always disconnect power before performing any internal work.

TROUBLESHOOTING

Since the Urmet 1145/52 Built-in Box is a passive housing unit, most troubleshooting will relate to the SYNTHESIS modules installed within it, or issues with the installation itself.

Common Issues and Solutions:

Problem	Possible Cause	Solution
Modules not fitting correctly	Incorrect module type or obstruction inside the box.	Verify module compatibility with SYNTHESIS standard. Check for debris or misaligned components within the box.
Box not flush with wall	Improper wall cutout or uneven mounting surface.	Re-evaluate wall cutout dimensions. Ensure mounting surface is flat. Adjust fasteners as needed.
System (modules) not powering on	Wiring issues or module malfunction.	Check all wiring connections to the modules. Refer to the SYNTHESIS module manual for power-on troubleshooting. Ensure power supply is active.

If you encounter issues with the functionality of the SYNTHESIS modules, consult their respective user manuals or contact the module manufacturer's support.

SPECIFICATIONS

- **Model:** 1145/52 (Item model number: 114552)
- **Brand:** Urmet
- **Type:** Flush-mounted box
- **Module Capacity:** 2 SYNTHESIS modules
- **Dimensions (H x W x D):** 204 x 118 x 45 mm (approximately 8.03 x 4.65 x 1.77 inches)
- **Weight:** Approximately 0.32 ounces (9 grams)
- **Manufacturer:** URMET (FIN.DEA S.P.A. Urmet Domus)
- **First Available:** May 13, 2025

WARRANTY AND SUPPORT

For warranty information and technical support regarding the Urmet 1145/52 Built-in Box, please contact Urmet directly or refer to the documentation provided at the time of purchase.

For support related to the SYNTHESIS modules installed within this box, please refer to the specific manufacturer of those modules.

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