Gira 289300

Gira E22 289300 Flush-Mounted 3-Gang Box Installation and Usage Manual

1. INTRODUCTION

This manual provides detailed instructions for the proper installation and use of the Gira E22 289300 Flush-Mounted 3-Gang Box. Please read all instructions carefully before beginning installation to ensure safety and optimal performance of the product. This product is designed for professional electrical installation.

2. PRODUCT OVERVIEW

The Gira E22 289300 is a flush-mounted box designed for integrating electrical switches, outlets, or other devices into a wall. It is part of the Gira E22 switch program, which offers a streamlined installation process for a flat wall finish. This specific model is a 3-gang box, allowing for the installation of three individual electrical components.

Key Features:

- Designed for electrical switches and outlets
- Made in Germany
- Single package unit

Figure 1: The Gira E22 289300 flush-mounted 3-gang box. This image displays the Gira E22 289300 flush-mounted 3-gang box. It is a rectangular, red plastic enclosure designed for electrical installations, featuring multiple compartments for wiring and device mounting. The internal structure shows dividers and mounting points for securing electrical components within a wall.

3. SPECIFICATIONS

Attribute	Value
Item Model Number	289300

Attribute	Value
Manufacturer	Gira
Product Dimensions (L x W x H)	5 x 5 x 5 cm
Product Weight	190.51 grams
Mounting Type	Wall Mount
Material	Plastic
Terminal Type	Screw
Voltage	250 Volts
Contact Material	Copper
Dielectric Strength	At least 4 kV/mm
Operating Mode	Off-none-on
Compliant Specifications	CE, TÜV, VDE
No longer produced by the manufacturer	No
Spare parts availability	Information unavailable

4. INSTALLATION

The Gira E22 switch program introduces an innovative installation method. Utilizing a specialized mounting box, it can be installed flush with the wall surface. For flush-mounted installation within masonry, the E22 box is inserted into a dedicated E22 flush-mounted socket and then placed into the wall. The following steps detail the installation process for masonry:

Installation in Masonry:

1. **Prepare the Opening:** Create a rectangular opening in the masonry. This can be done using tools such as a slot cutter, hammer, core drill, or chisel. Ensure the opening is appropriately sized for the E22 flush-mounted box.

2. **Insert and Secure the Box:** Insert the Gira E22 flush-mounted box (compatible models include 2891 00, 2892 00, 2893 00, 2894 00) into the prepared opening. Align it precisely and secure it in place, for example, by using plaster.

3. **Apply Cleaning Protection:** Place the designated cleaning protection over the flush-mounted E22 box. This protects the interior during subsequent plastering.

4. **Plaster the Wall:** Proceed with plastering the wall, ensuring the flush-mounted box is fully integrated and the wall surface is smooth.

5. **Remove Protection and Cut Opening:** Once the plaster has dried, carefully remove the cleaning protection and cut out the opening for the E22 box.

6. **Insert and Fasten E22 Box:** Insert the E22 box into the newly exposed opening. Align it correctly and fasten it using the integrated claws. This fastening method is similar to that used for standard hollow wall boxes.

7. **Mount Devices and Cover Frames:** Finally, mount the desired electrical devices (switches, outlets)

and their corresponding cover frames onto the E22 box as per standard electrical installation practices.

Safety Warning: All electrical installations should be performed by a qualified electrician and comply with local electrical codes and regulations. Disconnect power at the main circuit breaker before beginning any installation work.

5. OPERATING

The Gira E22 289300 Flush-Mounted 3-Gang Box is a passive component designed to house active electrical devices. It does not have an 'operating' function in itself. Its purpose is to provide a secure and compliant enclosure for switches, outlets, or other electrical modules, allowing them to function correctly and safely within the wall structure.

6. MAINTENANCE

The Gira E22 289300 box requires minimal maintenance once installed. Ensure that the cover frames and devices are securely fastened and free from damage. For cleaning, gently wipe the visible surfaces of the installed devices and frames with a soft, dry cloth. Do not use abrasive cleaners or solvents. Periodically inspect for any signs of wear or damage, and consult a qualified electrician if any issues are observed.

7. TROUBLESHOOTING

As a passive housing component, the Gira E22 289300 box itself typically does not experience operational issues. Most problems would relate to the installation process or the electrical devices housed within it.

- **Loose Fit After Installation:** Ensure the box was properly secured with plaster and/or claws during installation. If the wall material has deteriorated, re-securing may require professional intervention.
- **Difficulty Mounting Devices:** Verify that the E22 box is correctly aligned and that no debris obstructs the mounting points. Ensure you are using compatible Gira E22 series devices and frames.
- **Electrical Issues:** If electrical problems occur (e.g., power loss, flickering), these are almost certainly related to the wiring or the devices themselves, not the box. Immediately consult a qualified electrician.

Important: Do not attempt to repair electrical components or wiring unless you are a qualified professional. Always disconnect power before inspecting any electrical installation.
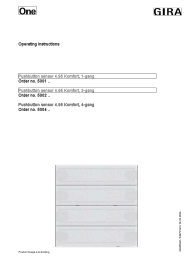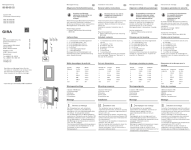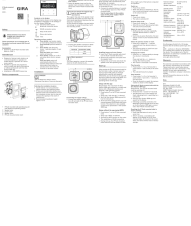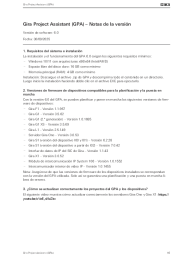
8. WARRANTY AND SUPPORT

Specific warranty information for the Gira E22 289300 Flush-Mounted 3-Gang Box is not provided in this manual. For detailed warranty terms, technical support, or spare parts availability, please refer to the official Gira website or contact Gira customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Gira

Website: www.gira.com (Please check for your regional Gira website)

Related Documents - 289300

[Gira Pushbutton Sensor 4.95 Komfort Operating Instructions](#)

Operating instructions and technical details for the Gira Pushbutton Sensor 4.95 Komfort, covering installation, commissioning, operation, and specifications for smart home systems.

[GIRA System 106 Flush-Mounted Installation Box - Mounting Instructions](#)

Comprehensive mounting instructions for the GIRA System 106 flush-mounted installation box, detailing safety precautions, step-by-step installation procedures, component lists, dimensions, and technical specifications.

[GIRA Switching Actuator 2-gang / Blind Actuator 16 A with Binary Input - Operating Instructions](#)

Operating instructions for the GIRA Switching Actuator 2-gang / Blind Actuator (model 5062 00). This manual covers device components, functions, safety, mounting, commissioning, and technical data for KNX systems.

[Gira IP Flush-Mounted Radio 2320 Installation and Operation Guide](#)

Comprehensive guide for the Gira IP Flush-Mounted Radio 2320, covering installation, setup, operation, technical specifications, and troubleshooting. Learn how to connect speakers, set up Wi-Fi and Bluetooth, manage radio stations, and more.

[Gira IP Flush-Mounted Radio 2320 Operating Instructions](#)

Comprehensive operating instructions for the Gira IP Flush-Mounted Radio (Item No. 2320), covering installation, setup, operation, technical specifications, and warranty information.

[Gira Project Assistant (GPA) v6.0 Release Notes](#)

Detailed release notes for Gira Project Assistant (GPA) version 6.0, covering system requirements, installation, compatible firmware, new features, optimizations, bug fixes, and known issues for Gira smart home and building automation systems.