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Comelit 4888C

Comelit 4888C Mixer Instruction Manual

Model: 4888C

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Comelit 4888C mixer. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

PRODUCT OVERVIEW

The Comelit 4888C is a mixer unit designed for Simplebus 1 systems, housed in an 8 DIN module enclosure. It is powered by a 230V network and provides a dedicated output for power exchange (Art. 1224A) or Relay (1256). The unit receives a Simplebus 1 signal as input and superimposes the monitor power supply for the upright. It supports the connection of up to 100 devices, including intercoms and monitors, distributed across 4 outputs. The mixer features LEDs to indicate possible short circuits on the lines and includes 4 clamps for line termination (Art. 1216). Its dimensions are 140 x 140 x 67 mm. This device facilitates the management of alarm signals and enables intercommunication between users without requiring additional interface or door center units.



Image: The Comelit 4888C mixer unit, showing its compact design and ventilation slots.

SETUP AND INSTALLATION

The Comelit 4888C mixer is designed for installation within an 8 DIN module space. Ensure all power is disconnected before beginning installation.

Installation Steps:

- Mounting:** Securely mount the mixer unit in an 8 DIN module compatible enclosure.
- Power Connection:** Connect the unit to a 230V AC power supply. The mixer provides a dedicated output for power exchange (Art. 1224A) or Relay (1256).
- Simplebus 1 Input:** Connect the Simplebus 1 signal to the designated input terminal.
- Device Connections:** Distribute and connect up to 100 intercoms and monitors across the 4 available outputs. Ensure proper wiring for each device.
- Line Termination:** Utilize the 4 clamps provided for line termination (Art. 1216) as required by your system configuration.
- Verification:** After all connections are made, restore power and observe the LED indicators for any short circuits.





Image: The Comelit 4888C mixer unit shown in its original packaging, alongside included installation manuals.

OPERATING INSTRUCTIONS

Once installed and powered, the Comelit 4888C mixer operates automatically to manage the Simplebus 1 system.

- **Intercommunication:** The unit enables intercommunication between connected users without the need for an external interface or door center.
- **Alarm Signal Management:** The mixer is capable of managing alarm signals within the system. Refer to your specific system's alarm configuration for details.
- **Status Indicators:** Observe the integrated LEDs for system status. These LEDs will signal possible short circuits on the connected lines, aiding in quick fault identification.

MAINTENANCE

The Comelit 4888C mixer requires minimal maintenance. Regular checks can help ensure its longevity and optimal performance.

- **Cleaning:** Keep the unit free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure that the ventilation slots are not obstructed to prevent overheating.
- **Connection Checks:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion.
- **Environmental Conditions:** Ensure the operating environment remains within the specified temperature and humidity ranges to prevent damage.

TROUBLESHOOTING

This section provides guidance for common issues you might encounter with the Comelit 4888C mixer.

Problem	Possible Cause	Solution
LED indicator for short circuit is active.	Short circuit detected on one of the connected lines.	Identify the faulty line by checking connections and devices. Disconnect devices one by one to isolate the short. Rectify the wiring or replace the faulty device.
No power to connected devices.	No 230V power supply to the mixer, or internal fault.	Check the 230V power connection to the mixer. Ensure the power outlet is functional. If power is present at the mixer input but no output, contact technical support.
Intercommunication not working.	Incorrect wiring of intercoms/monitors, or device fault.	Verify all Simplebus 1 connections. Ensure all devices are compatible and correctly addressed (if applicable). Test individual devices.

SPECIFICATIONS

Feature	Detail
Model Number	4888C
Manufacturer	FIN.DEA S.P.A. COMELIT
Power Supply	230V AC
DIN Modules	8

Feature	Detail
Dimensions (L x W x H)	140 x 140 x 67 mm
Weight	10 g
Input Signal	Simplebus 1
Outputs	4 (for up to 100 devices)
Special Features	Short circuit LEDs, Alarm signal management, Intercommunication
Material	Brass
Finish	Polished

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Comelit website. Keep your proof of purchase for warranty claims.

Comelit Official Website: www.comelitgroup.com

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