FERMAX 2441

Fermax 2441 16-Call Extension Module User Manual

Model: 2441 | Brand: FERMAX

1. INTRODUCTION

The Fermax 2441 is a 16-call extension module designed to expand the functionality of compatible Fermax intercom systems. This module allows for the connection of up to 16 additional call points, enhancing communication capabilities within a building or complex. It is intended for professional installation and integration into existing or new Fermax intercom installations.

2. SAFETY INFORMATION

- Read all instructions thoroughly before attempting installation or operation.
- Installation and maintenance must be performed by qualified personnel to ensure safety and proper functionality.
- Always disconnect the main power supply to the intercom system before beginning any installation, wiring, or maintenance procedures.
- Do not expose the module to moisture, rain, or extreme temperatures.
- Ensure proper grounding as per local electrical codes.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package:

- 1 x Fermax 2441 16-Call Extension Module
- 1 x Instruction Manual (this document)

4. SETUP AND INSTALLATION

Follow these general steps for installing the Fermax 2441 extension module. Always refer to the specific wiring diagrams and compatibility information provided with your main Fermax intercom system.

1. **Power Disconnection:** Ensure the main intercom system is completely powered off and disconnected from the electrical supply before proceeding.

2. **Identify Connection Points:** Locate the designated connection terminals or expansion ports on your main Fermax intercom unit where the 16-call extension module will be integrated.

3. **Wiring:** Carefully connect the Fermax 2441 module to the main unit using the appropriate wiring. Pay close attention to polarity and terminal assignments as specified in your system's documentation.

4. **Mounting:** Secure the module in its intended location. It is designed for integration within the intercom system's housing or a suitable electrical enclosure.

5. **Power Restoration:** Once all connections are secure and verified, restore power to the main intercom system.

6. **System Configuration:** Refer to your main intercom system's manual for any necessary configuration steps to recognize and utilize the newly installed 16-call extension module.

Image of the Fermax 2441 16-Call Extension Module, showing its compact design and connection terminals. This module integrates with compatible Fermax intercom systems.

5. OPERATING INSTRUCTIONS

The Fermax 2441 module operates as an extension unit, integrating seamlessly with your existing Fermax

intercom system. It does not have independent operational controls.

- Once correctly installed and configured with the main unit, it enables the routing of calls to and from up to 16 additional points within the intercom network.
- All operational functions, such as making calls, receiving calls, and managing communication, are controlled through the main Fermax intercom system.
- Refer to your main Fermax intercom system's user manual for detailed instructions on how to utilize the extended call capabilities provided by this module.

6. MAINTENANCE

The Fermax 2441 module is designed for durability and requires minimal maintenance.

- **Cleaning:** Periodically clean the exterior of the module with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Connections:** Ensure all wiring connections remain secure and free from corrosion.
- **Inspection:** Regularly inspect the module for any signs of physical damage or overheating.
- **Servicing:** For any internal servicing or repairs, contact qualified technical support. Do not attempt to open or repair the module yourself.

7. TROUBLESHOOTING

If you encounter issues with your Fermax 2441 module, refer to the following troubleshooting steps:

- **Module Not Responding:**
  - Check the power supply to the main intercom system. Ensure it is receiving power.
  - Verify all wiring connections between the module and the main unit are secure and correctly installed according to the wiring diagram.
  - Confirm that the Fermax 2441 module is compatible with your specific main intercom unit model.

- **Intermittent Call Issues:**
  - Inspect all wiring for any signs of damage, fraying, or loose connections.
  - Consult the troubleshooting guide for your main Fermax intercom system, as the issue may originate from the central unit.

- **No Audio/Video (if applicable):**
  - Ensure all audio/video signal wires are correctly connected and not damaged.
  - Check the settings on the main intercom unit for proper audio/video routing.

If issues persist after performing these checks, please contact Fermax technical support or your authorized dealer for further assistance.

8. SPECIFICATIONS

Manufacturer	Fermax
Part Number	8424299024417
Item Model Number	8424299024417

Voltage	100V
Wattage	100W
Item Package Quantity	1
Batteries Required?	No
Item Weight	74 g
ASIN	B007T65ABM
Date First Available	Dec 23 2021

9. WARRANTY AND SUPPORT

For detailed warranty information, terms, and conditions, please refer to the official Fermax website or the documentation provided with your main Fermax intercom system. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical support, product inquiries, or assistance with installation and troubleshooting, please contact your authorized Fermax dealer or visit the official Fermax support portal.