

FERMAX 9695

Fermax 9695 4+N Amplifier User Manual

MODEL: 9695 | BRAND: FERMAX

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Fermax 9695 4+N Amplifier. This module is designed as a replacement amplifier for Fermax Cityline Classic door entry panels, facilitating audio communication in door intercom and video door intercom systems. Please read this manual thoroughly before proceeding with installation or use.

2. Product Overview and Features

The Fermax 9695 4+N Amplifier is a robust electronic circuit module engineered for reliable audio system operation. It features adjustable volume control to optimize sound levels within the intercom system. Constructed from durable aluminum, the amplifier offers high resistance to environmental factors and changes, ensuring long-term performance.



Figure 1: Rear view of the Fermax 9695 4+N Amplifier, showing its compact design and heat sink fins.

Key features include:

- Replacement amplifier module for Cityline Classic plates.
- Electronic circuits for audio system operation in door intercoms and video door intercoms.
- Adjustable volume control.

- Durable aluminum construction for high resistance to weather.

3. Components and Package Contents

The package typically contains:

- 1 x Fermax 9695 4+N Amplifier Module

Note: Additional wiring, power supplies, or tools required for installation are sold separately.

4. Setup and Installation

Installation of the Fermax 9695 amplifier should be performed by qualified personnel to ensure safety and proper functionality. Always disconnect power to the intercom system before beginning any installation work.



Figure 2: Front view of the Fermax 9695 4+N Amplifier, showing power supply and audio connection terminals.

1. **Preparation:** Ensure the existing intercom system is powered off. Identify the location for the amplifier module within the Cityline Classic panel.
2. **Mounting:** Securely mount the amplifier module in its designated slot within the panel.
3. **Wiring (Refer to Figure 2):**
 - **Power Supply:** Connect the 12 Vac/Vdc power supply to the terminals labeled 'ALIMENTACION POWER SUPPLY 12 Vac/Vdc'. Ensure correct polarity for DC connections.
 - **Audio Connections:** Connect the audio lines to the appropriate terminals. The module supports 4+N wiring. Refer to your specific Cityline Classic panel's wiring diagram for precise connections to terminals such as 'Ab', '1', '2', '3', '6', and audio input/output.
 - **Speaker/Microphone:** Connect the panel's speaker and microphone to the 'AUDIO' terminals, observing polarity if indicated.
4. **Volume Adjustment:** Once all connections are made and power is restored, test the audio. Use the adjustable volume controls (typically small potentiometers accessible on the module, as indicated by '+' and '-' next to 'AUDIO' in Figure 2) to fine-tune the microphone and speaker volume for clear communication.
5. **Final Check:** Verify all connections are secure and the system operates as expected.

5. Operation

The Fermax 9695 amplifier operates automatically as part of the intercom system. Its primary function is to amplify audio signals for clear two-way communication between the outdoor panel and indoor handsets. Once installed and

configured, no further user intervention is typically required for its basic operation.

6. Maintenance

The Fermax 9695 amplifier is designed for minimal maintenance. To ensure its longevity and optimal performance:

- **Cleaning:** Keep the module free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners or solvents.
- **Environment:** Ensure the module is installed in a dry environment, protected from direct moisture and extreme temperatures.
- **Inspections:** Periodically check wiring connections for any signs of wear or looseness.

7. Troubleshooting

If you experience issues with your intercom system related to audio, consider the following troubleshooting steps:

- **No Audio / Distorted Audio:**
 - Check all wiring connections to the amplifier module for proper seating and continuity.
 - Verify the power supply to the intercom system is stable and within the specified voltage range (12 Vac/Vdc).
 - Adjust the volume controls on the amplifier module.
 - Inspect the speaker and microphone for any physical damage or obstructions.
- **No Power to Module:**
 - Confirm the main power supply to the entire intercom system is active.
 - Check the power connections to the amplifier module.

If problems persist after attempting these steps, it is recommended to contact a qualified technician or Fermax customer support.

8. Specifications

Attribute	Detail
Manufacturer	Fermax
Part Number	8424299096957
Item Model Number	8424299096957
Voltage	100V (Operating voltage typically 12 Vac/Vdc for system integration)
Wattage	100W
Item Package Quantity	1
Batteries Required?	No
Item Weight	97 g
First Available Date	April 7, 2022

9. Warranty and Support

For information regarding warranty coverage, technical support, or service, please contact Fermax directly through their official website or authorized distributors. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question