

FERMAX FER9402

FERMAX VEO VDS Monitor Connector 9401 User Manual

Model: FER9402 | Brand: FERMAX

1. PRODUCT OVERVIEW

The FERMAX VEO VDS Monitor Connector 9401 (Model FER9402) is an essential accessory designed for the installation of the Fermax 9401 monitor. This connector simplifies the installation process by providing a robust and easy-to-use interface for wiring and mounting the monitor.

The connector consists of a metal plate that is securely fastened to the wall using four chipboard screws. Cables from the wall are routed through the center of the plate. In a VDS system, this typically involves 3 common lines plus 1 coaxial cable, 5 wires, or CAT5e UTP cabling, usually comprising two connection cables. These cables are then screwed into the appropriate terminals on the connector.

Once the wiring is complete, the VEO VDS monitor can be easily connected to the bus, which is equipped with the connection bus, and then locked into place. This design significantly streamlines the installation, allowing for straightforward cable management and monitor attachment.



Figure 1: FERMAX VEO VDS Monitor Connector 9401 (Model FER9402)

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Installation should ideally be performed by a qualified professional to ensure proper functioning and safety.
- Always disconnect power to the system before performing any installation, wiring, or maintenance.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not expose the connector to moisture or extreme temperatures.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x FERMAX VEO VDS Monitor Connector (Model FER9402)
- Mounting Screws (typically 4 chipboard screws)

If any items are missing or damaged, please contact your supplier immediately.

4. SETUP AND INSTALLATION

4.1 Mounting the Connector

1. Identify the desired mounting location on the wall for the VEO VDS monitor.
2. Position the metal connector plate against the wall at the chosen location. Ensure that the central opening aligns with the existing wiring from the wall.
3. Mark the positions for the four mounting screws through the designated holes on the plate.
4. Drill pilot holes if necessary, suitable for the chipboard screws.
5. Securely fasten the metal plate to the wall using the four chipboard screws.

4.2 Wiring Connections (VDS System)

Before proceeding, ensure that the power to the intercom system is disconnected.

1. Carefully pull the necessary cables (3 common lines + 1 coaxial, 5 wires, or CAT5e UTP) from the wall through the central opening of the mounted connector plate.
2. Identify the corresponding terminals on the connector for each cable. Refer to the wiring diagram provided with your VDS system or monitor for specific terminal assignments.
3. Strip a small amount of insulation from the end of each cable.
4. Insert each wire into its designated terminal and securely tighten the screw terminals to ensure a firm electrical connection.
5. Double-check all connections for correct polarity and secure fastening.

4.3 Connecting the Monitor

1. Once all wiring is complete and verified, align the VEO VDS monitor with the connector plate.
2. Gently push the monitor onto the connector, ensuring that the monitor's connection bus engages with the corresponding part on the connector.
3. Apply slight pressure until the monitor clicks or locks securely into place on the connector.
4. Restore power to the intercom system and test the monitor's functionality.

5. OPERATING INSTRUCTIONS

The FERMAX VEO VDS Monitor Connector 9401 is a passive component designed to facilitate the physical and electrical connection of the VEO VDS monitor to the intercom system's wiring. It does not have active operational controls.

Once properly installed, the connector enables the monitor to receive power and data signals from the VDS system, allowing the monitor to function as intended (e.g., displaying video, enabling audio communication, controlling door release).

6. MAINTENANCE

The FERMAX VEO VDS Monitor Connector 9401 requires minimal maintenance.

- **Cleaning:** If necessary, gently wipe the connector plate with a dry, soft cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Inspections:** Periodically check for any loose connections or visible damage. If any issues are found, disconnect power and re-secure connections or contact a qualified technician.
- **No User-Serviceable Parts:** The connector contains no user-serviceable parts. Do not attempt to disassemble or repair the unit yourself.

7. TROUBLESHOOTING

This section addresses common issues related to the connector's role in the system. For monitor-specific issues, refer to the VEO VDS monitor's user manual.

- **Monitor Not Receiving Power/Signal:**
 - Ensure power to the VDS system is on.
 - Verify that all wires are correctly connected to the terminals on the connector plate and are securely tightened.
 - Check for any damaged or frayed wires.
 - Ensure the monitor is properly seated and locked onto the connector plate.
- **Loose Monitor Connection:**
 - Ensure the monitor is fully engaged and locked into the connector. If it feels loose, remove and re-attach it firmly.
 - Check if the mounting screws for the connector plate are tight.

If problems persist after checking these points, it is recommended to contact a qualified technician or FERMAX customer support.

8. SPECIFICATIONS

Feature	Specification
Item Weight	600 Grams
First Available on Amazon.de	March 14, 2018
Manufacturer	Fermax
ASIN	B06XZYRK2B
Manufacturer Reference (Model)	FER9402
Guaranteed Software Updates Until	Unknown

9. CONTACT INFORMATION

For technical support, product inquiries, or further assistance, please visit the official FERMAX website or contact your local authorized FERMAX distributor.

You may also refer to the documentation provided with your FERMAX VEO VDS monitor for comprehensive system information.