FERMAX 73631

FERMAX Duox Plus Direct City Video Panel 73631 User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the FERMAX Duox Plus Direct City Video Panel, model 73631. Please read this manual thoroughly before attempting to install or operate the device to ensure proper functionality and safety.

The FERMAX Duox Plus Direct City Video Panel 73631 is an outdoor security device designed for video intercom and access control systems. It features a robust construction suitable for outdoor environments and integrates with Duox Plus systems.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines during installation, operation, and maintenance:

- Installation should only be performed by qualified personnel in accordance with local electrical codes and regulations.
- Disconnect power to the installation area before beginning any wiring or maintenance work.
- Do not expose the panel to excessive moisture or extreme temperatures beyond its specified operating range.
- Use only original FERMAX replacement parts and accessories.
- Ensure all connections are secure and properly insulated to prevent short circuits or electrical hazards.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- FERMAX Duox Plus Direct City Video Panel 73631 (1 unit)
- Mounting screws and anchors
- Installation template
- Quick Start Guide (refer to this manual for full details)

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

4. PRODUCT OVERVIEW

The FERMAX Duox Plus Direct City Video Panel 73631 is constructed from Aluminium and Stainless Steel, designed for outdoor use. It features a video camera, speaker, microphone, and a numeric keypad for access control.

Figure 4.1: Front view of the FERMAX Duox Plus Direct City Video Panel 73631. This image displays the panel's brushed metal finish, integrated camera with illumination, speaker grille, microphone, and illuminated numeric keypad.

Key Features:

- **Material:** Aluminium, Stainless Steel
- **Indoor/Outdoor Usage:** Outdoor
- **Connectivity Technology:** Wired (Duox Plus system)
- **Video Capture Format:** MPEG-4
- **Access Control:** Integrated numeric keypad

5. INSTALLATION AND SETUP

5.1 Mounting

The FERMAX Duox Plus Direct City Video Panel 73631 is designed for **Wall Mount** installation.

1. Choose a suitable outdoor location, ensuring clear visibility for the camera and accessibility for users.
2. Use the provided installation template to mark drilling points on the wall.
3. Drill holes and insert anchors as required.
4. Secure the mounting bracket (if applicable, or the panel directly) to the wall using the provided screws.
5. Ensure the panel is level and securely fastened.

5.2 Wiring and Connectivity

This panel utilizes **Wired Connectivity** as part of the FERMAX Duox Plus system. It also supports **Wi-Fi Connectivity** for certain functions (e.g., remote access, configuration).

1. Refer to the Duox Plus system wiring diagram for specific connections to the central unit and power supply.
2. Connect the main Duox Plus bus wires to the designated terminals on the panel.
3. If using Wi-Fi features, ensure the panel is within range of a stable Wi-Fi network.
4. Power on the Duox Plus system after all connections are complete and verified.

5.3 Initial Configuration

Upon initial power-up, the panel may require configuration through the Duox Plus system's programming interface or a dedicated FERMAX configuration tool. Consult the main Duox Plus system manual for detailed programming

steps.

6. Operation

6.1 Making a Call

To initiate a call to an indoor monitor:

1. Enter the apartment or unit number using the numeric keypad.
2. Press the 'Call' button (often represented by a bell icon or similar).
3. The indoor monitor will ring, and a video/audio connection will be established upon answer.

6.2 Access Control (Keypad)

If configured, users can gain access by entering a pre-programmed access code:

1. Enter the valid access code using the numeric keypad.
2. The system will verify the code, and if correct, the door lock connected to the Duox Plus system will activate for a short period.

6.3 Video and Audio Communication

During a call, the integrated camera captures video (MPEG-4 format) and the microphone captures audio, which are transmitted to the indoor monitor. The speaker on the panel allows for two-way audio communication with the indoor resident.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your video panel.

- **Cleaning:** Gently wipe the panel surface with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electronic components.
- **Inspection:** Periodically check for any signs of physical damage, loose connections, or obstructions to the camera or speaker.
- **Software Updates:** Ensure the Duox Plus system firmware and panel software are kept up-to-date. Refer to FERMAX technical support or your installer for update procedures.

8. Troubleshooting

If you encounter issues with your FERMAX Duox Plus Direct City Video Panel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No video or audio during a call.	Loose wiring, power issue, system fault.	Check all wiring connections. Verify power supply to the panel and Duox Plus system. Consult the Duox Plus system manual for diagnostics.
Keypad not responding.	Keypad malfunction, system not powered.	Ensure the panel is receiving power. If the issue persists, contact technical support.

Problem	Possible Cause	Solution
Door does not open after entering code.	Incorrect code, lock malfunction, wiring issue.	Verify the access code. Check the wiring to the door lock. Ensure the lock mechanism is functional.
Poor video quality.	Dirty camera lens, poor lighting, network interference (if Wi-Fi related).	Clean the camera lens. Ensure adequate lighting. Check Wi-Fi signal strength if applicable.

For problems not listed here or if solutions do not resolve the issue, please contact FERMAX technical support or your authorized installer.

9. SPECIFICATIONS

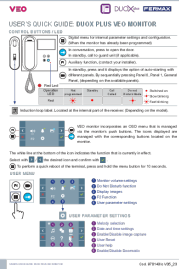| Feature	Detail
Model	73631
Brand	FERMAX
Mounting Type	Wall Mount
Indoor/Outdoor Usage	Outdoor
Material	Aluminium, Stainless Steel
Connectivity Technology	Wired (Duox Plus)
Wireless Communication Technology	Wi-Fi
Video Capture Format	MPEG-4
Recommended Uses	Outdoor Security
Package Dimensions	10.51 x 7.87 x 2.72 inches
Date First Available	June 26, 2023

10. WARRANTY AND SUPPORT

FERMAX products are covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official FERMAX website. Keep your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or to inquire about service, please contact FERMAX customer support or your authorized FERMAX installer. Contact information can typically be found on the FERMAX website or in your product documentation.

Online Resources: www.fermax.com

Related Documents - 73631

	[Fermax VEO DUOX Plus Monitor User's Quick Guide](#) A concise guide to operating the Fermax VEO DUOX Plus video intercom monitor, detailing control buttons, user menu navigation, parameter settings, melody selection, image capture, and doormatic functions.
	[Integratiehandleiding: Fermax Meet Intercom met xxter](#) Leer hoe u uw Fermax Meet intercom systeem integreert met het xxter platform voor geavanceerde video intercom functionaliteit. Deze gids biedt stapsgewijze instructies voor configuratie en instellingen.
	[\[DUOX PLUS\] Spare Part PVT09375 Microphone Amplifier MARINE Replacement Guide](#) Step-by-step instructions for replacing the PVT09375 microphone amplifier on a FERMAX DUOX PLUS MARINE system. Includes detailed guidance and visuals.
	[Fermax MEET Marine Panel Installer's Manual - Installation and Configuration Guide](#) Comprehensive installer's manual for the Fermax MEET Marine Panel, covering installation, configuration via web server, access control, IP camera integration, SIP settings, and technical specifications.
	[Fermax DSV-01/XS 1/W Veo Wifi Duox Plus Cityline Video Entry Kit](#) A comprehensive guide to the Fermax 94411 video door entry system, featuring Duox Plus technology for simplified installation and robust performance. This kit includes a Cityline outdoor panel and a Veo Wi-Fi hands-free monitor with remote access capabilities via the Fermax Blue app.

Zennio **Fermax Meet Video Intercom Configuration Guide with Predefined Profile and Indoor Units** Configuration guide edition: a www.zennio.com	[Fermax Meet Video Intercom Configuration Guide with Zennio Indoor Units](#) A comprehensive configuration guide for integrating Fermax Meet Video Intercom systems with Zennio indoor units (Z50, Z70 v2, Z100). Covers network setup, SIP calls, and outdoor panel configuration for private home installations.