

FERMAX Duox Plus Digital City Video Panel

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INSTRUCTION MANUAL

Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your FERMAX Duox Plus Digital City Video Panel. Please read this manual thoroughly before attempting to install or operate the device. Retain this manual for future reference.

Safety Information

Always observe the following safety precautions to prevent damage to the device and ensure personal safety:

- Installation must be performed by qualified personnel in accordance with local electrical codes and regulations.
- Disconnect power before performing any installation, maintenance, or repair work.
- Do not expose the device to extreme temperatures, humidity, or direct water contact beyond its intended outdoor rating.
- Use only FERMAX approved accessories and spare parts.
- Avoid placing the device near strong electromagnetic fields.

Product Overview

The FERMAX Duox Plus Digital City Video Panel is an advanced outdoor security and communication device designed for building entry systems. It features a digital keypad, a video camera, and a display for clear communication and access control.





Image: Front view of the FERMAX Duox Plus Digital City Video Panel, showcasing its brushed metal finish, integrated camera, display screen, and numeric keypad with additional function buttons.

Key components include:

- **Video Camera:** Captures clear images of visitors.

- **Display Screen:** Shows messages, directories, and call status.
- **Keypad:** For direct dialing, access codes, and navigation.
- **Microphone and Speaker:** Enables two-way audio communication.

Setup and Installation

The Duox Plus Digital City Video Panel is designed for wall mount installation and wired connectivity. Professional installation is highly recommended.

1. **Site Preparation:** Choose a suitable outdoor location, ensuring adequate lighting and protection from extreme weather conditions. Ensure the mounting surface is flat and secure.
2. **Mounting:** Securely attach the panel to the wall using appropriate fasteners. Refer to the detailed mounting template provided with the product packaging for precise hole placement.
3. **Wiring:** Connect the power supply, data lines (Duox Plus bus), and any auxiliary connections (e.g., door release) according to the wiring diagrams in the full installation guide. Ensure all connections are secure and properly insulated.
4. **Power On:** Once all connections are verified, apply power to the system. The panel should initiate its startup sequence.
5. **System Configuration:** Follow the on-screen prompts or refer to the advanced configuration manual for initial setup, including network settings (Wi-Fi connectivity is supported), directory programming, and access code management.

Operating Instructions

The FERMAX Duox Plus Digital City Video Panel offers intuitive operation for visitors and residents.

- **Making a Call:**
 - a. Use the keypad to enter the desired apartment or unit number.
 - b. Press the 'Call' button (often represented by a bell or phone icon).
 - c. The panel will display the call status and connect to the indoor monitor.
- **Answering a Call (from indoor monitor):** When a visitor calls, the indoor monitor will ring and display the visitor's video. Answer the call to establish two-way audio communication.
- **Door Opening:** During an active call, press the 'Door Open' button on the indoor monitor to grant access.
- **Access Control (Keypad):** If configured, authorized users can enter a specific access code on the panel's keypad to open the door directly.

Maintenance

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

- **Cleaning:** Use a soft, damp cloth to clean the panel's surface and camera lens. Avoid abrasive cleaners or solvents that could damage the finish or optics.
- **Firmware Updates:** Periodically check the FERMAX website for available firmware updates. Updates can improve performance, add features, and enhance security. Follow the provided instructions carefully for any update procedures.
- **Inspection:** Annually inspect the panel for any signs of physical damage, loose connections, or wear. Address any issues promptly.

Troubleshooting

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

Problem	Possible Cause	Solution
No video from panel	Loose wiring, camera obstruction, power issue.	Check wiring connections. Ensure camera lens is clean and unobstructed. Verify power supply.
No audio during call	Microphone/speaker obstruction, wiring issue, volume settings.	Check for obstructions. Verify audio wiring. Adjust volume settings on indoor monitor.
Keypad not responding	Keypad malfunction, system freeze.	Try restarting the system by cycling power. If issue persists, contact support.
Door does not open	Door release wiring, power to lock, incorrect access code.	Verify door release wiring and power to the electric lock. Ensure correct access code is entered.

If the problem persists after attempting these solutions, please contact FERMAX technical support.

Specifications

The following table details the technical specifications of the FERMAX Duox Plus Digital City Video Panel:

Feature	Detail
Brand	FERMAX
Model	Duox Plus Digital City Video Panel
Mounting Type	Wall Mount
Connectivity Technology	Wired, Wi-Fi
Wireless Communication Technology	Wi-Fi
Connectivity Protocol	Wi-Fi
Material	Aluminium, Stainless Steel
Indoor/Outdoor Usage	Outdoor
Video Capture Format	MPEG-4
Package Dimensions	14.25 x 7.87 x 2.72 inches
Recommended Uses For Product	Outdoor Security

Warranty and Support


FERMAX products are manufactured to high-quality standards and 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.

For technical assistance, troubleshooting, or to inquire about spare parts, please contact FERMAX customer support.

Contact information can typically be found on the FERMAX website or in the product packaging.
Online Resources: For additional documentation, FAQs, and support, visit the official[FERMAX Store](#).



Related Documents - Duox Plus Digital City Video Panel



[Fermox PLATINE CITY S1 AP201 DUOX PLUS - Digital 2-Wire Intercom Panel](#)

Detailed information on the Fermox PLATINE CITY S1 AP201 DUOX PLUS, a robust digital 2-wire intercom panel for building entrances. Features include audio/video communication, anodized aluminum construction, and integrated lighting for name card holders.

Documents - FERMAX – Duox Plus Digital City Video Panel



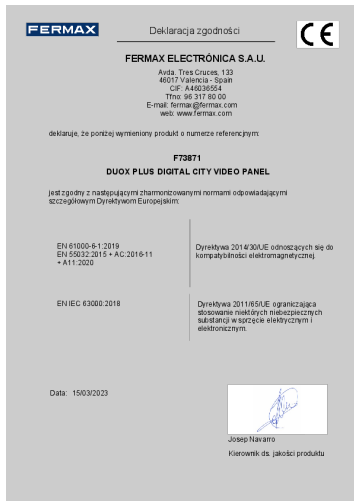
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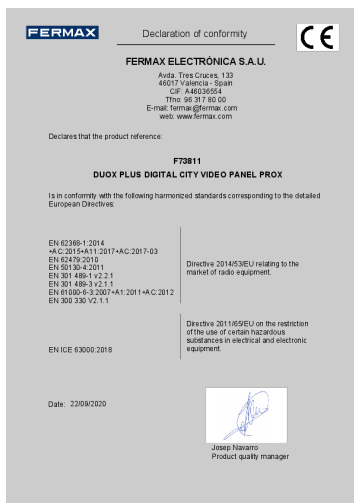
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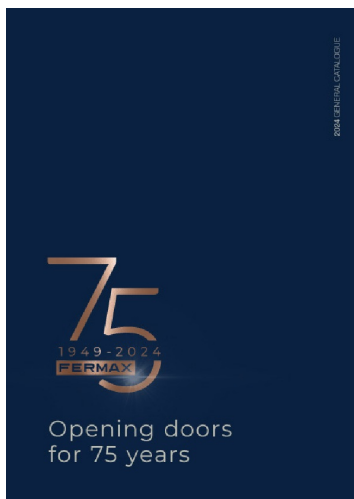
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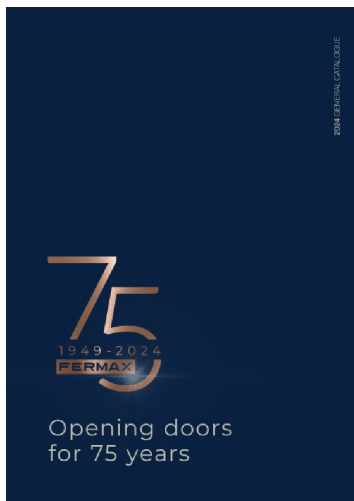


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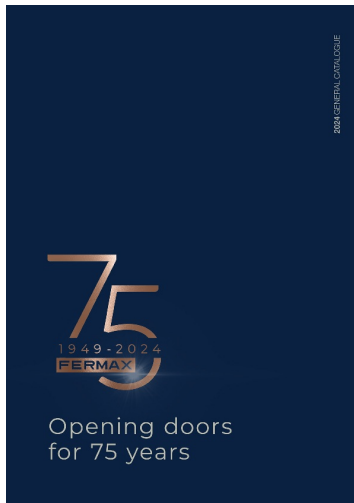


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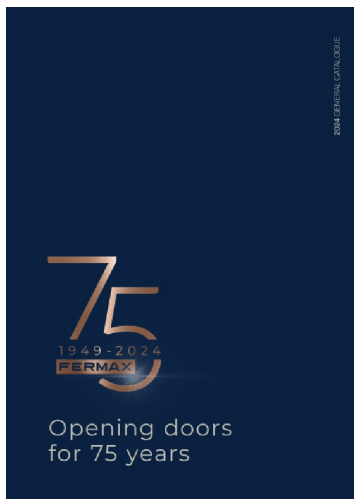
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