

Video Intercom Systems User Guide and System Instructions

Getting Started

Congratulations on your new Video Intercom System! we are proud to provide secure, reliable entry solutions for your home or business. This user manual will provide answers for any operational questions you may encounter throughout your system's lifetime.

Door Entry

The outdoor panel for your system has been installed and programmed to ring your unit when the corresponding button is pressed. If your panel is equipped with an RF Card Reader, swipe the card/key-fob across the reader and the door will unlock.

Video Monitor Functions

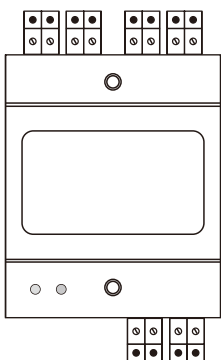
The blue illuminated buttons from left to right are **Monitor, Alarm, Unlock, and Talk/Listen**.

To answer an incoming call, press **Talk** to answer, then speak freely. Calls last for 60 seconds - you DO NOT have to hold talk to enable voice communication. Press talk again to end the conversation. To **Unlock** the door, press the unlock button during a call and the door should release to allow entry.



Video distributor

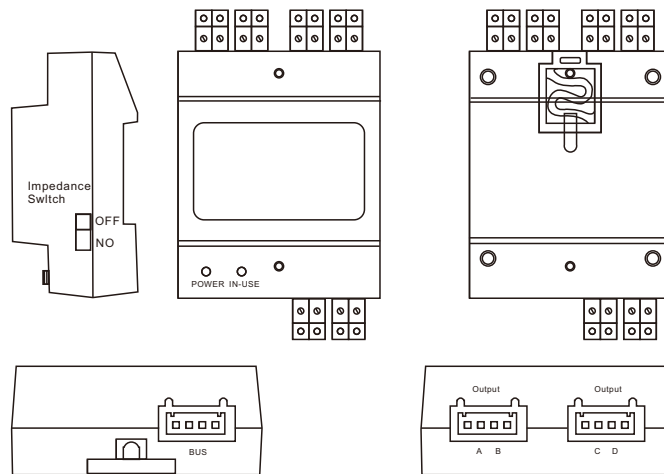
Description: Video distributor with 4 branches with the function of isolation and protection.
Can be used as 4 inputs (Outdoor stations) controller or 4 outputs (Indoor monitor) controller
;Separate isolation protection without affecting another devices on the bus system;
Short-circuit indication for convenient maintenance;
Periodic self-detection mechanism for recovery.



Parts and Functions

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User Codes (Monitor bit codes) Setup

IN-USE: Status indicator, it will light up when receives signal

POWER: Working indicator. it will light up when plugs in power supply

Impedance Switch: Video match switch, the last video distributor at the end of the bus should set ON to match the video impedance, the power indicator will turn to orange after setting

Bus: Input port, bus connection port

A, B, C, D: Output port, connect to indoor monitors or door stations

Note:

Operation mode: Protection mode will be activated once its connected devices are short circuited, and power supply for A B C D outputs will be turn off, the flashing in-use indicator shows the distributor is in the protection mode.

Self-detection: System will auto check whether the short circuit is fixed or not, then recover the power supply, and in-user indication will be turn off;

Detection period(PL504D): Self-detection will be happened regularly according rules, and in-use indicator will flash rapidly three times when check happens;

1st detection will be happened in 10 seconds after short circuit;

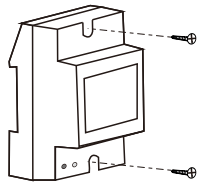
2nd detection will be happened in 60 seconds after 1st detection;

3rd detection will be happened in 5 minutes after 2nd detection;

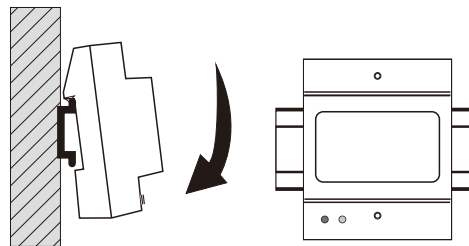
4th detection will be happened in 10 minutes after 3rd detection;

5th hereafter detection will be happened every 30 minutes.

Unit Mounting



Direct wall-mounted

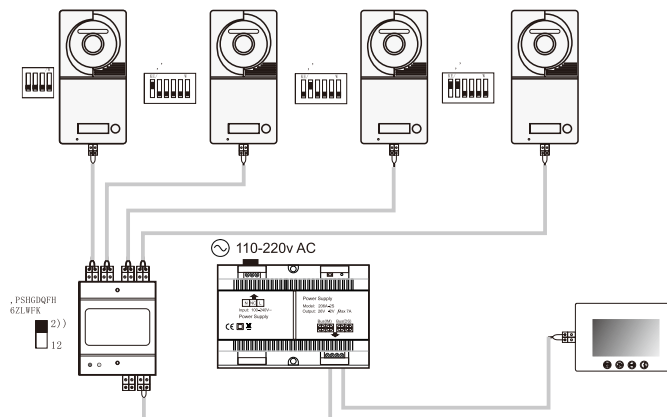


DIN-Rail mounted

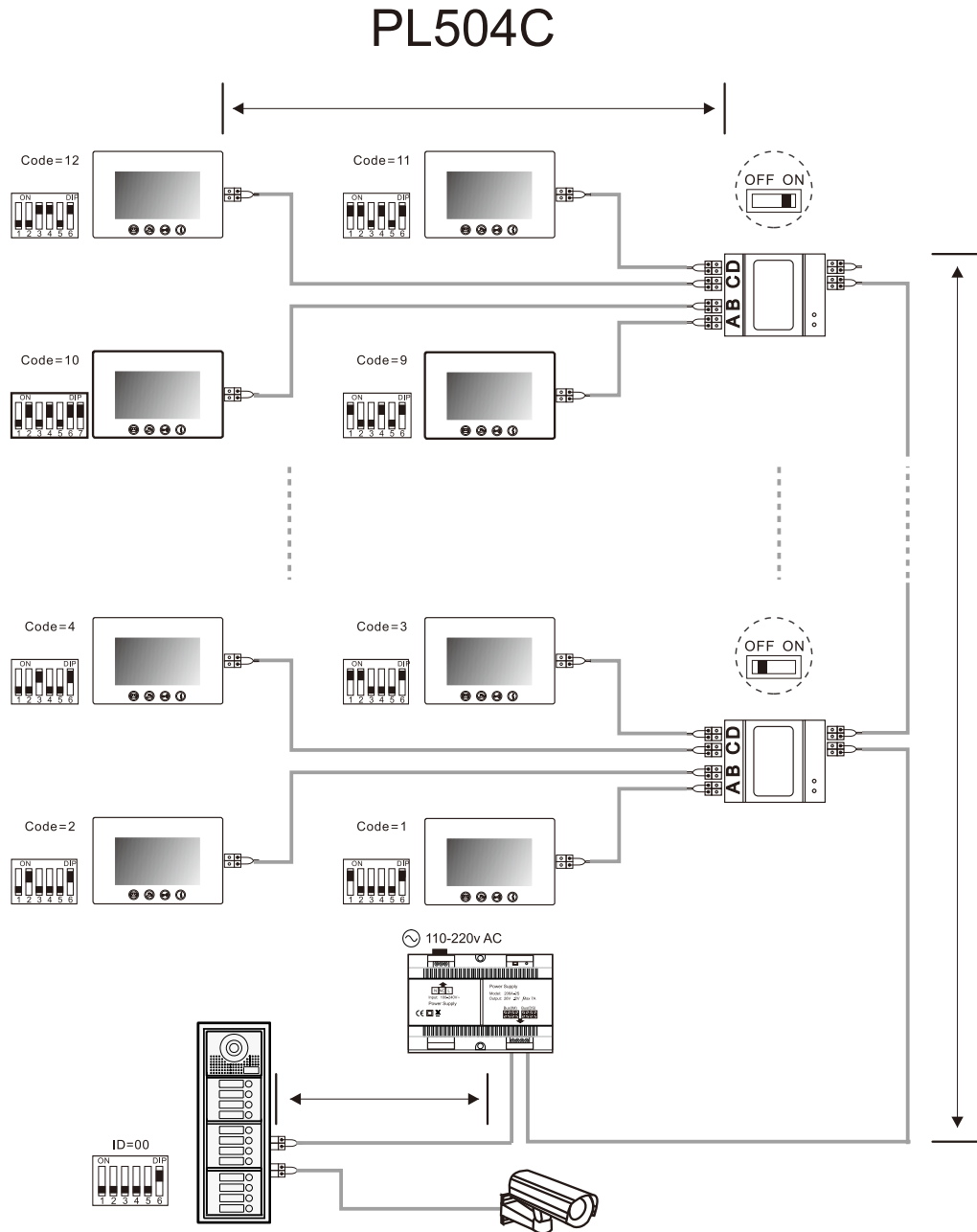
Wiring

Multi-door station

PL504D



Multi-monitors wiring



Power supply:
Working
Temperature:
Wiring:

DC20~30V
20-25mA
-10°C~+40°C
2-wires (Non-polarity)