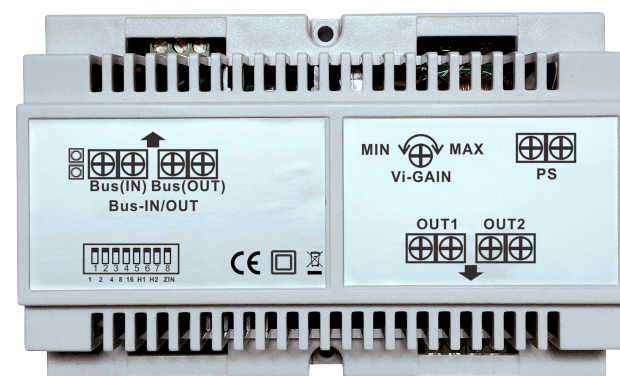


2-Wire Accessories PL507



VIDEO INTERCOM SYSTEM
2-wire Door Station

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Getting Started

Thank you for choosing our Video Intercom System! We are proud to introduce the new updated 2-wire system, providing a straightforward installation, and a simple, intuitive user experience.

This manual includes installation steps, programming instructions, and wiring diagrams.

Please read all instructions in this manual carefully, and check all components before installing them in the building. We recommend installing and testing one component at a time (ie. room stations) making it easier to detect a potential error before completion.

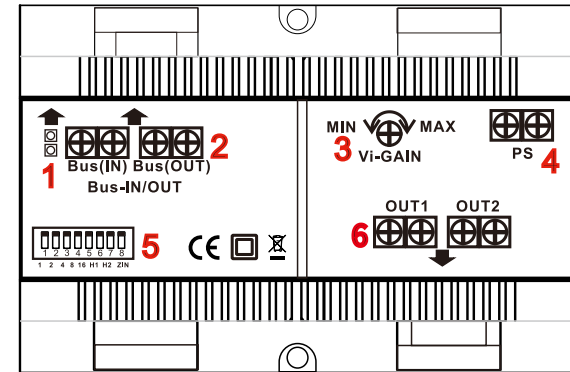
Attached at the end of this installation section is a detachable End-User manual.

Feel free to detach the page, make copies, and distribute to your tenants for their reference.

About PL-507 Unit Description

The PL - 507 unit is bus amplifier unit and networking component designed for 2-wire system.

Terminal Description



- 1: JUMPPIN Video Impedance Matching
- 2: BUS-IN/OUT
- 3: Video signal gain adjustor
- 4: Power supply input, Power Separator input
- 5: DIP settings switch
- 6: Output, output1, output2

Working Mode Wiring.

PL507 can extend the distance of 2-wire system .

As follows:

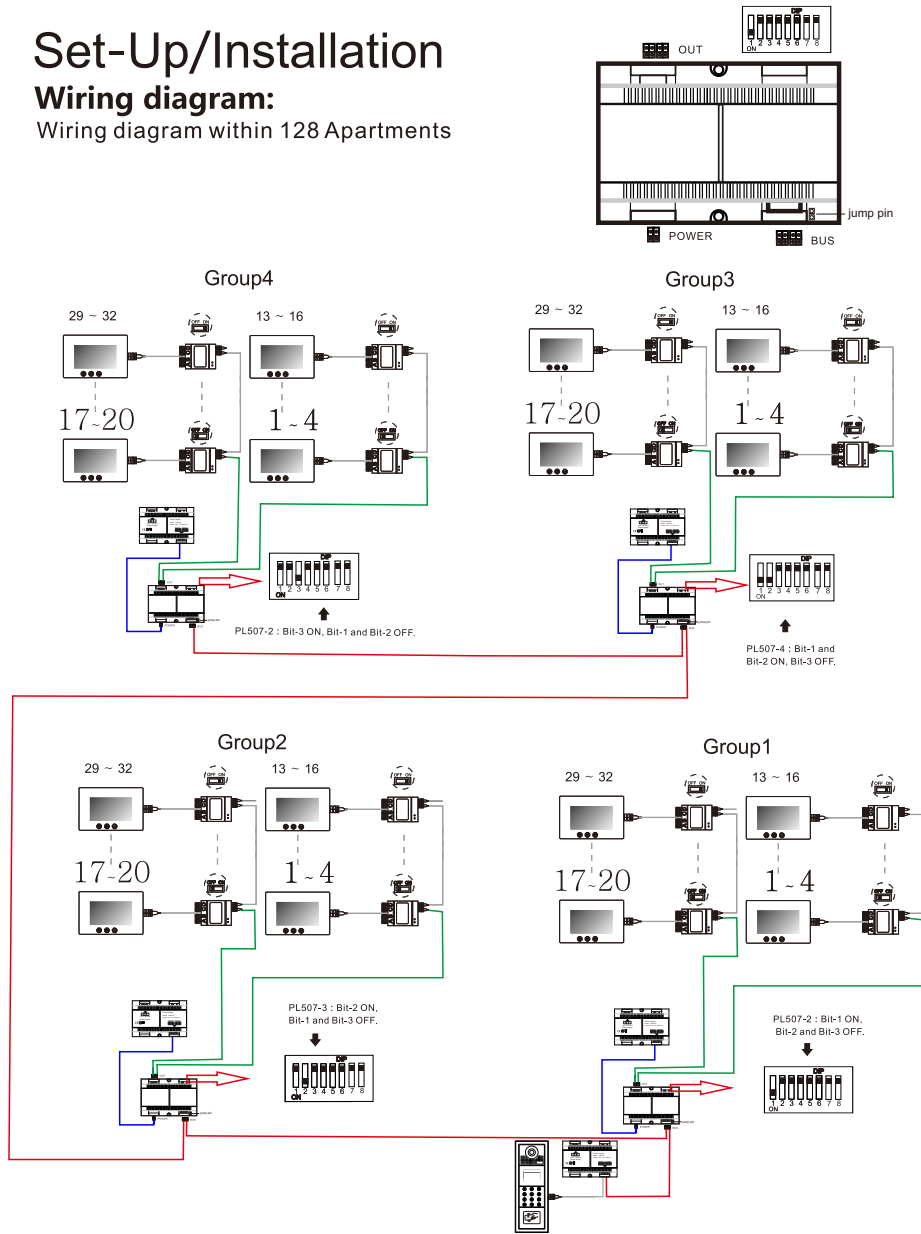
Max 140m from the first door station to PL507

Max 140m from the last indoor monitor to PL507

Set-Up/Installation

Wiring diagram:

Wiring diagram within 128 Apartments

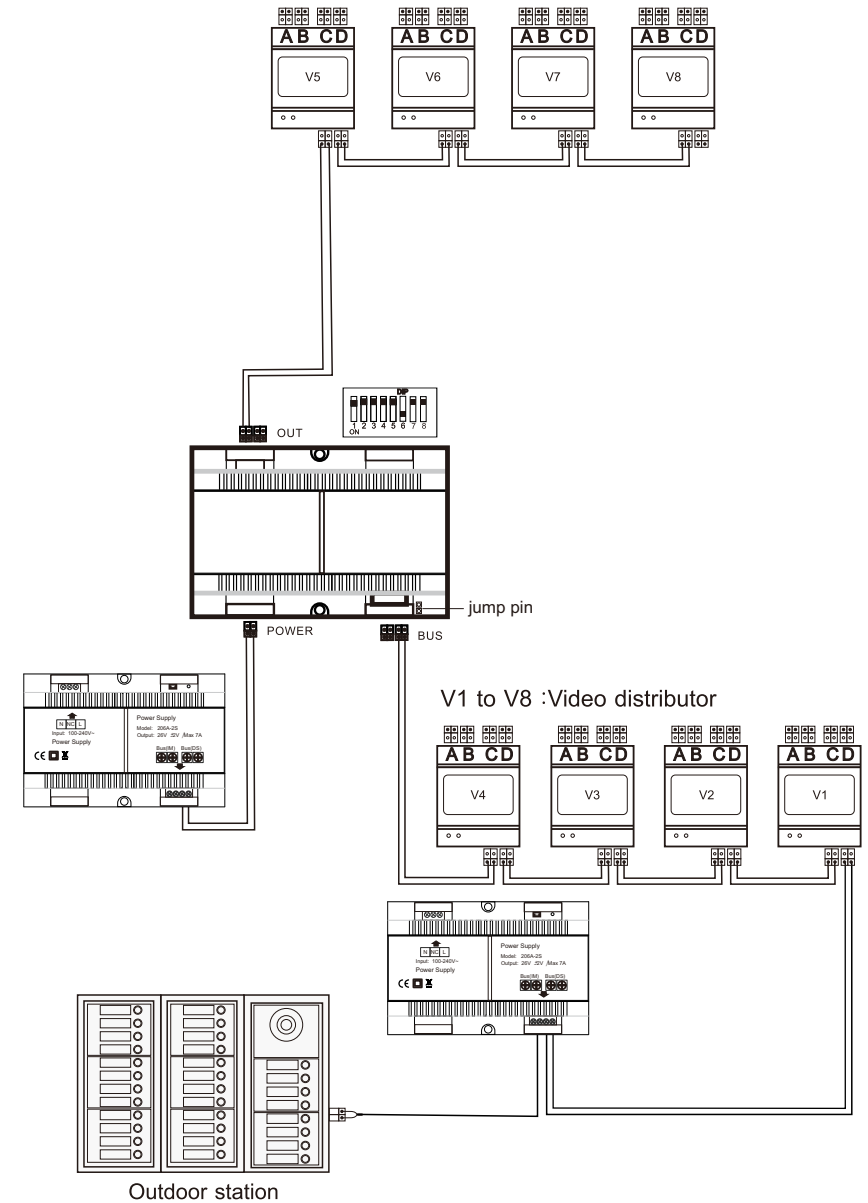


support total 128users
 2 Amplifiers for 32 users made a group ;
 Group1 room ID number set up: 1001 - 1032;
 Group2 room ID number set up: 2001 - 2032;
 Group3 room ID number set up: 3001 - 3032;
 Group4 room ID number set up: 4001 - 4032;

Wiring diagram:

Wiring diagram within 32 Apartments









Each ABCD ports connect 4pcs indoor monitors respectively



Outdoor station

DIP Setting

The detail settings of DIP are as follows

Bit-1		Adjust ID
Bit-2		Adjust ID
Bit-3		Adjust ID
Bit-4		Adjust ID
Bit-5		Adjust ID
Bit-6		Adding 16 monitor ID swticher
Bit-7		Reserved
Bit-8		NC

When DIP is turned on to 1, the address at this time is No. 1, and monitor NO. can be 1-32.

When DIP is turned on 2, the address at this time is No. 2, and the monitor NO. can be 33-64.

When DIP opens 1 and 2, the address at this time is 3, and the monitor NO. can be 65-96.

When DIP is turned on 3, the address at this time is 4, and the monitor number can be 97-128.

When DIP opens 1 and 3, the address at this time is 5...and so on

When DIP6 is turned on, the extension after the VTO calls the amplifier goes back 16 room numbers as a whole, so the 17th room number called by the VTO is the start of the first room number behind the amplifier.

DIP 1—5 : DIP NO.

DIP6 : Adding 16 monitor ID swticher

DIP7: Reserved

DIP8: NC

JUMP PIN : Video Impedance Matching

DIP1-5 address switch introduction:

When the DIP switches 1-5 are not turned on, the direct mode, the relay mode, only amplifies the signal, and does not change the monitor address
The address coding method of switches 1-5 is binary, and the corresponding address is shown in Photo

DIP No. 1-2-3-4-5, maximum 31 addresses can be set through binary calculation

Specification

Power Supply:

DC 24V--26V

Power Consumption:

Stadby 13.5mA, Woring 156mA

wiring:

2 wire, non-polarity

Dimension:

140x90x55mm