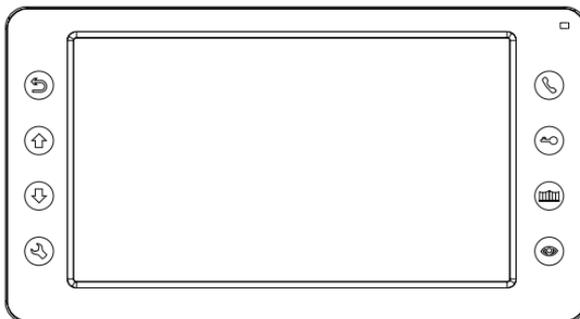


VIDEO ENTRY PHONE DISPLAY

VP-819B / VP-819W



Thank you for buying this product from Zamel.

Zamel shall not accept any liability for any results of damage and / or accidents caused by non-intended use of the product.

Before attempting to install this product, please read and understand the entire Operating Manual to comply with the intended use.

Do not open or tamper with the product without prior authorization.

Otherwise your warranty rights for this product will be void.

SAFETY

- Always follow this Manual for your safety and to prevent damage to the product.
- Do not connect more than one load to a single power outlet at a time. Risk of overheating the wiring or fire!
- Do not connect or interface this device with incompatible products. Otherwise there is a risk of an electrical short circuit, resulting in damage to this product.
- Protect the display main board and screen from deformation by any stress. Do not apply heavy loads. Otherwise there is a risk of fire.
- Do not clean the display screen or housing with water or detergents. Risk of damage to the display housing and/or screen, electrical short circuit, and/or fire! Clean the display with a soft, dry cloth made of cotton or microfibre. This will prevent scratching the display screen. Never use toilet paper or tissues.
- Do not install in a highly humid indoor environment. Risk of electrical short circuit and fire!
- Disconnect the power cord from the mains by holding the plug and not the cable. Damage to the power cord cable may result in an electric short circuit or a fire.
- Do not plug the power cord into the mains with wet hands. Electrocutation hazard!
- Do not attempt to disassemble, repair or alter this product on your own. Risk of electrocution, damage to the product and/or fire!
- Do not install a current breaker on the mains connection of the device. Electrocutation hazard!

PRODUCT DESCRIPTION

- 7" colour LCD touch screen
- 4-core wiring
- Intuitive interface
- Internal calls (display-to-display intercom mode)
- Public Address mode
- Gate and wicket opening control
- Supports up to two CCTV feeds
- Supports up to two entrance panels
- On-demand video feed monitoring from entrance panels and all connected CCTV cameras
- Two-way voice communication
- High display screen resolution: 800 x 480
- Clear voice handset-free device
- Language selection
- Intuitive buttons
- 10-step voice volume control
- 10-step brightness, contrast and saturation control
- 10-step ringtone volume control
- 12 polyphonic ringtones

TECHNICAL DATA

- Operating temperature: -30°C to +60°C
- Supply voltage: 110-240 V AC / 50-60 Hz; 14.5 V DC / 0.8 A
- Power input: 7 W (max); 0.7 W (standby)
- Operating RH: 0% to 95%
- Display dimensions: 208 x 115 x 25 mm
- Weight: 430 g

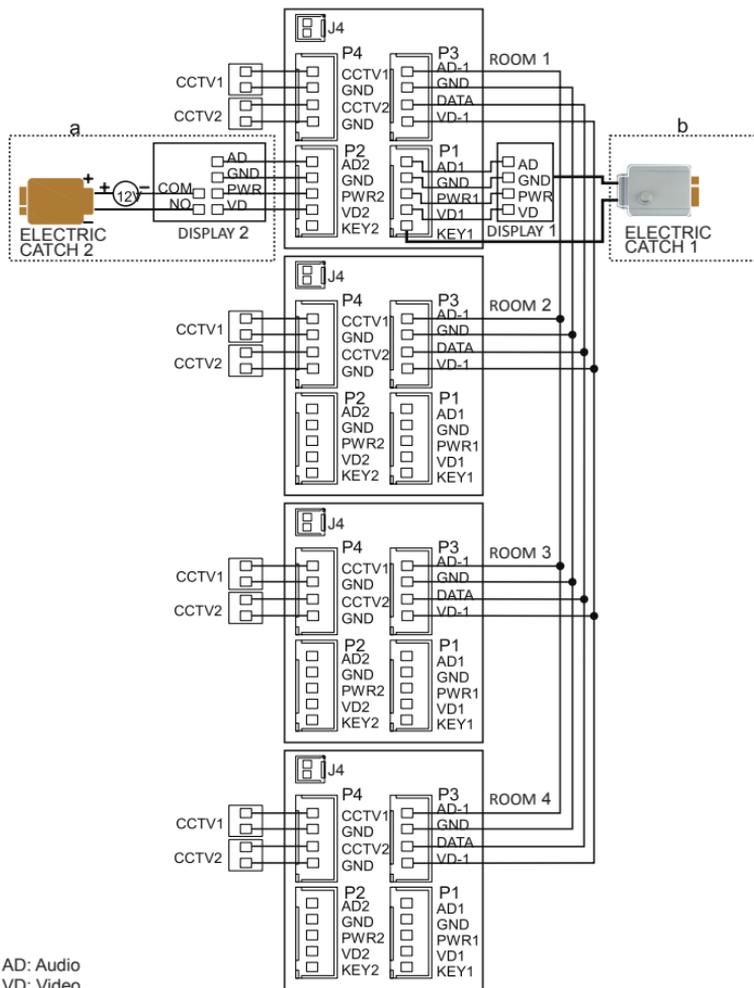
WIRING PROFILE

- ≤ 50 m (4 x 0.5 mm²)
- ≤ 75 m (4 x 0.75 mm²)
- ≤ 100 m (4 x 1.0 mm²)

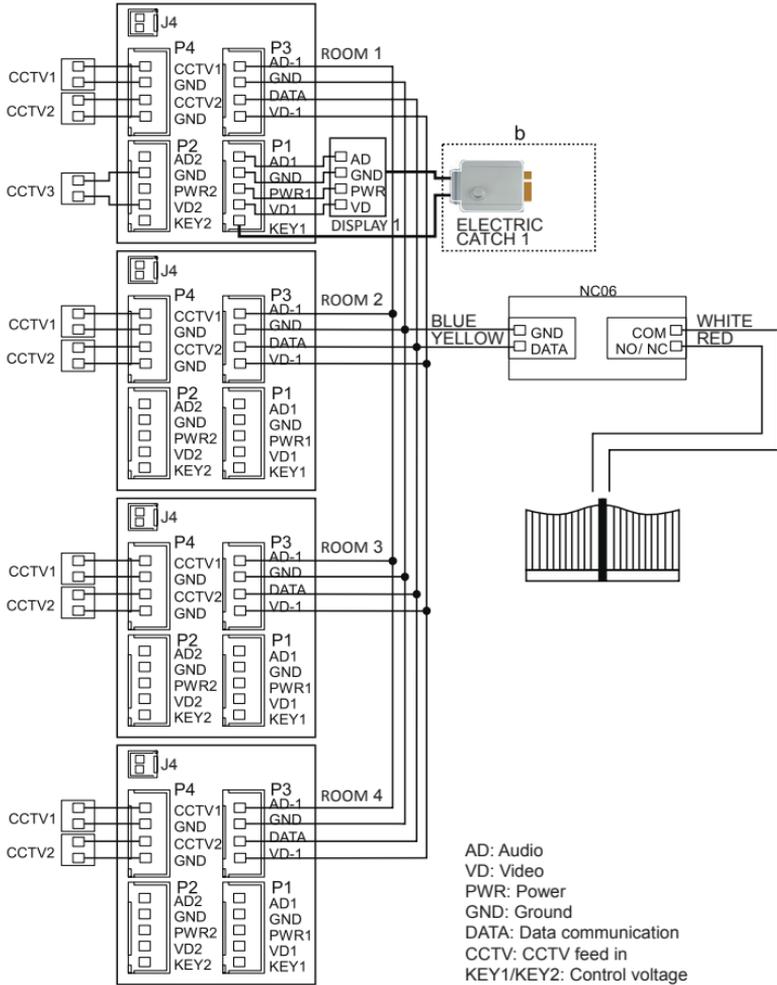
PRODUCT COMPONENTS

- 1 x Display unit
- 1 x Operating Manual
- 1 x Base stand
- 2 x Wall plugs
- 2 x M4 x 30 screws
- 2 x 5-pin male connector
- 1 x 4-pin male connector
- 1 x 4-pin male connector

WIRING CONNECTION DIAGRAM

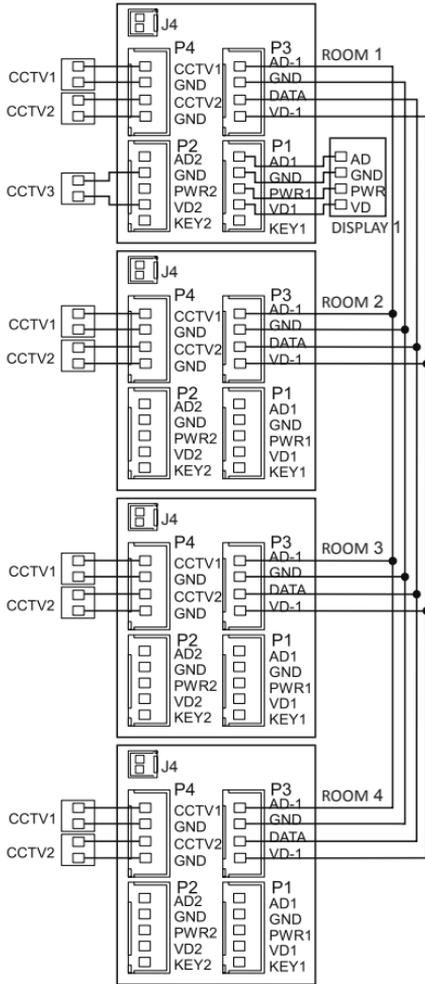


AD: Audio
 VD: Video
 PWR: Power
 GND: Ground
 DATA: Data communication
 CCTV: CCTV feed in
 KEY1/KEY2: Control voltage



Note:

- (a) Wiring connection diagram for an entrance panel with electric catch no. 2 + extra external power supply.
- (b) Wiring connection diagram for electric catch no. 1 with the display output power (GND and KEY1 contacts).
- (c) External power supply port J4 (optional)
- (d) Wiring connection diagram for the NC06 gate control module (Connector P3 GND and DATA to NC06; COM NO/NC to gate control)



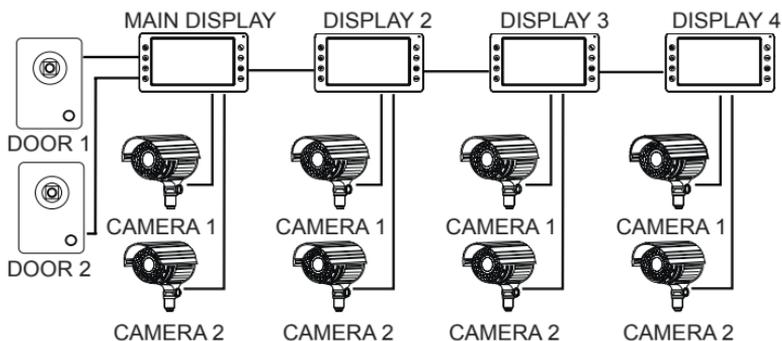
AD: Audio
 VD: Video
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- The second and each additional display may only output the video feeds from the cameras to which they are connected.
- All displays can output the video feed of a CCTV camera connected to the entrance panel port.

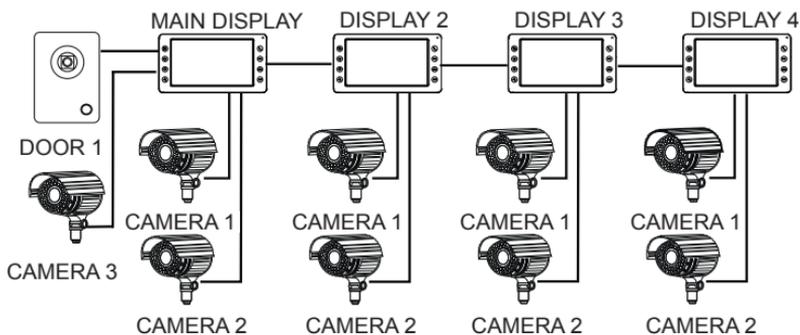
SYSTEM CONFIGURATION

The system can be installed in one of the configurations shown in the diagrams below:

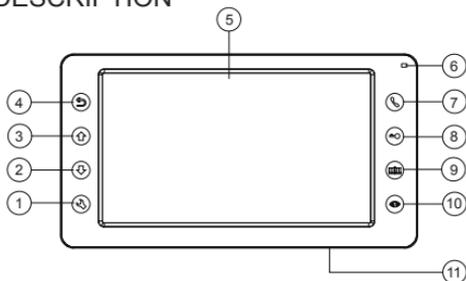
- 2 gate entrance panels + 4 displays + 2 CCTV cameras for each display



- 1 gate entrance panel + 1 CCTV camera + 4 displays + 2 CCTV cameras for each display



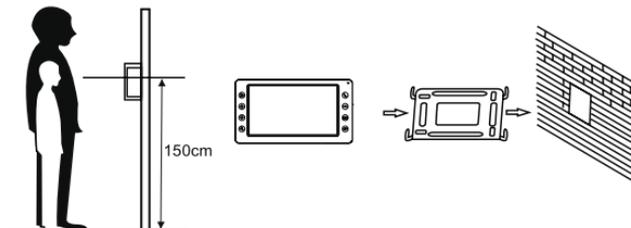
PRODUCT DESCRIPTION



1. Enter Menu / Confirm
2. Down arrow button: Select / Adjust
3. Up arrow button: Select / Adjust
4. Back / Hang Up
5. LCD
6. LED indicator
7. Answer / Call
8. Unlock
9. Open gate
10. Video feed display
11. Power On/Off switch

INSTALLING THE SYSTEM

1. Use the wiring connection diagram for the chosen system configuration and verify that all wiring connections are correct.
2. Choose a suitable location in which to install the display unit. An installation height between 1.5 and 1.6 m above the ground is recommended.
3. Verify that the power supply voltage is OFF before wiring the device.
4. Mount the back frame on the wall at the installation location.
5. Connect the wiring to the terminals, see the wiring connection diagram for the chosen system configuration.
6. Install the display unit on the back frame.
7. Switch on the supply voltage of the device when completely installed.

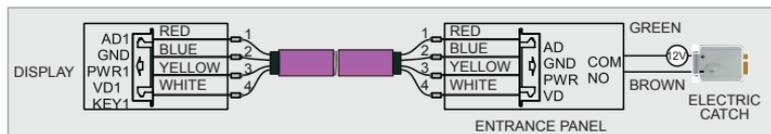


WIRING SPECIFICATIONS

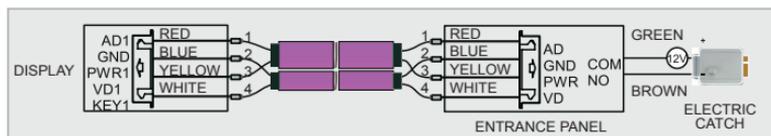
The system supports two electric catch release configurations: with the open command sent by (i) an entrance panel or (ii) a system display (the display open command output wire must have the shield connected to earth).

If the open command is sent by an entrance panel, use this wiring specification:

- If the entrance panel is < 30 m away from the video entry phone display, use YTDYw 4 x 0.5 mm² wiring.

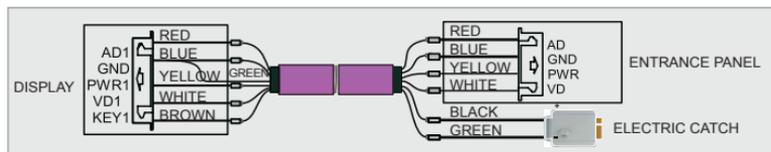


- If the entrance panel is > 30 m away from the video entry phone display, use YTDYw 4 x 0.5 mm² wiring.

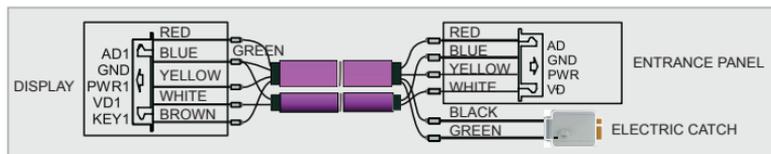


If the open command is sent by a display, use this wiring specification:

- If the entrance panel is < 30 m away from the video entry phone display, use YTDYw 6 x 0.5 mm² wiring.



- If the entrance panel is < 30 m away from the video entry phone display, use YTDYw 6 x 0.8 mm² wiring.



ANSWERING AN ENTRANCE PANEL CALL

When a visitor presses the Call button on the entrance panel, all connected indoor displays will sound the call chime at the same time as the INCOMING CALL message on each display screen.

Touch the  icon to answer the call. Touch  again to send the calling entrance panel camera feed to all other displays. If the call is not answered by the time the call chime stops, the display will enter the standby mode. Touch the  icon to release the electric catch of the calling entrance panel during the call. The display will show DOOR OPEN. Touch the  icon to open the gate. The display will show GATE OPEN. If another user calls during your call, the display will show VISITOR AT DOOR 2. Touch the  icon to answer and switch to the second call.

Note: Touch and hold the  icon during an entrance call or an internal call (display-to-display intercom mode) to mute your microphone. The display will show MUTE. Touch and hold  again to unmute your microphone, which the display will confirm with SPEAK. Operating a gate requires the NC06 gate control module in the system.

VIDEO FEED MONITORING

With the display on standby, touch  to monitor the video feed from entrance panel no. 1. Touch  again to switch to the next video feed.

The CCTV camera video feeds can only be monitored this way if the Port 4 status is Enabled (see Table SYSTEM SETTINGS, item 10).

Touch  to start a voice call with the visitor at the entrance panel from which you are monitoring the video feed. Touch  to unlock the door of the same entrance panel.

When monitoring the video feed from Door1 / Door2 / Video1 / Video2, touch and hold  to change the screen aspect from 16:9 to 4:3.

PUBLIC ADDRESS MODE

The Public Address mode allows you to speak through all displays connected to the video entry phone system. When the display is on standby, touch and hold  on the screen. The PUBLIC ADDRESS CALL message will be displayed.

All other displays in the system will display PUBLIC ADDRESS. You can now speak and be received by other displays in the system. Touch  to exit the public address mode.

INTERNAL CALLS (DISPLAY-TO-DISPLAY INTERCOM MODE)

The intercom mode allows two-way voice calls between two specific displays in the video entry phone system. Touch  on the display on standby to call another display in the system. If you have more than 2 displays in the video entry phone system, choose the display you wish to call with  or . Next, touch  to confirm and make the call. The user at the display being called can touch  to answer the call or  to reject the call.

DISPLAY SOUND VOLUME / BRIGHTNESS / COLOUR / CONTRAST / IMAGE TYPE CONTROL

Touch  or  in the monitoring, incoming call, voice call, intercom, or public address mode to open the sound volume menu. Next, touch  to open the Volume / Brightness / Colour / Contrast / Image Type menu. Operate the controls with  or .

DO NOT DISTURB MODE

You can enable or disable the DO NOT DISTURB mode in the display System Settings menu. Touch and hold  to enable or disable this mode.

DISPLAY MICROPHONE MONITORING

With the display on standby, touch and hold  to start listening through the microphone of another display in the voice entry phone system. If you have more than 2 displays in the video entry phone system, choose the display you wish to listen to by touching  or  and confirm with .

Note:

- a) The user of the display that is listening will hear everything that the microphone of the display being listened to captures. The display being listened to will not output the sounds captured by the microphone of the display which is listening.
- b) If you have more than 2 displays in the video entry phone system, verify that the remote listening mode is enabled in the display to which you want to listen. Go to System Settings and verify that Can Be Monitored is set to Enable.

SYSTEM SETTINGS

With the display on standby, touch  and open the System Settings menu.

Item	System functions	Options	Note
1	LANGUAGE	Default setting: PL (Polish) (optional: EN for English).	
2	RING TIME	Default setting: 30 s (10 to 60 s, adjustable in 5 s steps).	
3	RING VOLUME	Default setting: 0.7, adjustable in a 01-10 range. (00) mutes the sound.	
4	DO NOT DISTURB MODE	The mode is disabled by default during a call from an entrance panel, display-to-display intercom (internal) calls and the public address mode. The LED will flash if this mode is enabled.	
5	MONITORING	The mode is disabled by default. The monitoring of remote display microphones can be enabled in the System Settings.	
6	MONITOR UNLOCK	Touch  to unlock the electric catch linked to the entrance panel. Touch  to open the gate linked to the entrance panel.	
7	DEVICE ADDRESS	Room 1 / 2 / 3 / 4	Choose ROOM 1 on the display that should be the main (master) display of the system. The setting will be yellow if the same device address is set in two displays in the video entry phone system.
8	RING TYPE	Door 1 Ring Type	Formats the embedded flash memory of this display.
		Door 2 Ring Type	Formats the embedded flash memory of this display.
		Intercomm Ring Type	Formats the embedded flash memory of this display.
9	RING REPEAT	ENABLE	The ringtone will sound repeatedly.
		DISABLE	The ringtone will sound once.
10	PORT STATE	None / CCTV1 / CCTV1&2	
11	RESTORE DEFAULT	Restores the display unit settings to default values.	

ADVANCED SETTINGS

The Advanced Settings can be accessed by pressing and holding  while powering on the display. The Advances Settings include:

- Door unlock time
1-10; 20, 30, 40, 50, 60, 70, 80, 90, 99 s
- Gate status
Normally open electric catch contact (NO)
Normally closed electric catch contact (NC)
- Gate unlock time
0.2, 0.5, 1-5 s
- System type
Single-family
Multi-family

WARRANTY

24-month commercial warranty by the manufacturer

Reseller's stamp and signature
with date of sale

1. ZAMEL Sp. z o.o. Gives a 24-month warranty for the goods it sells.

2. The warranty given by ZAMEL Sp. z o.o. does not cover:

- a) mechanical damage caused by transport, loading/unloading or other circumstances;
- b) damage caused by improper installation or operation of the goods manufactured by ZAMEL Sp. z o.o.;
- c) damage caused by any modifications made by the BUYER or any third party to the sold goods or to the equipment required for the proper functioning of the sold goods;
- d) damage caused by any force majeure event or another fortuitous event beyond any reasonable control of ZAMEL Sp. z o.o.;
- e) the power supply (batteries) included (if any) with the device as sold.

3. The BUYER shall make all warranty claims in writing at the point of sale or to ZAMEL Sp. z o.o.

4. ZAMEL Sp. z o.o. will examine each warranty claim as regulated by the applicable provisions of the Polish law.

5. The form of warranty claim resolution, i.e. replacement, repair or refund of the price of purchase, shall be decided by ZAMEL Sp. z o.o.

6. This warranty does not exclude, limit or suspend any rights of the BUYER arising from the statutory or regulatory laws concerning implied warranty for defects of sold goods.