



SOMOGYI ELECTRONIC DPV 26 Video Intercom Instruction Manual

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— since 1981 —



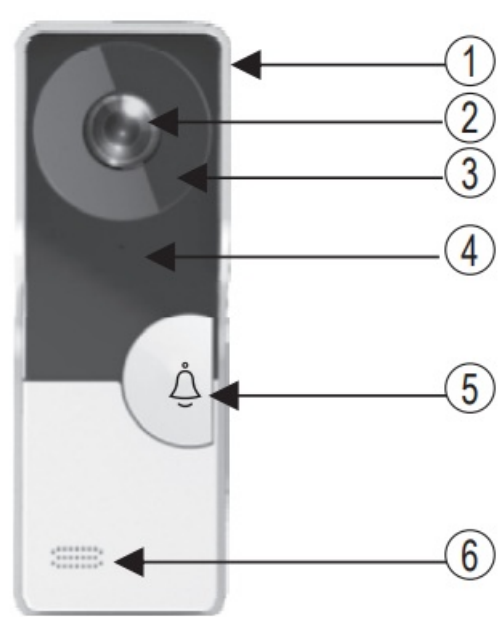
DPV 26
instruction manual



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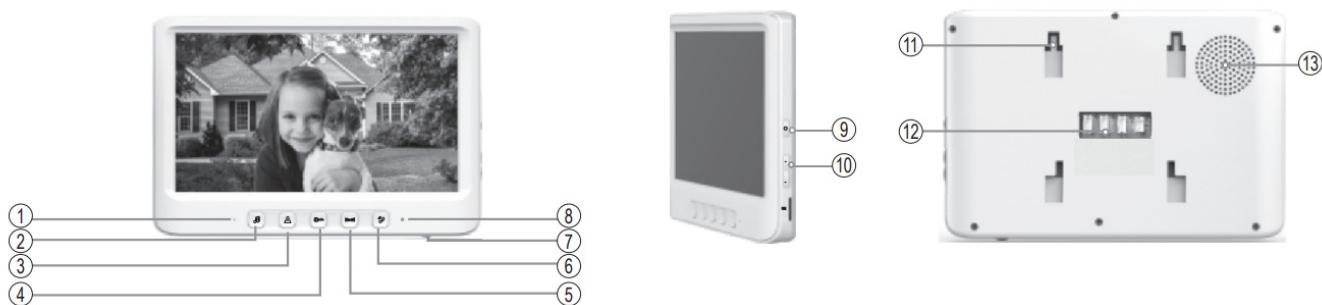
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Outdoor unit



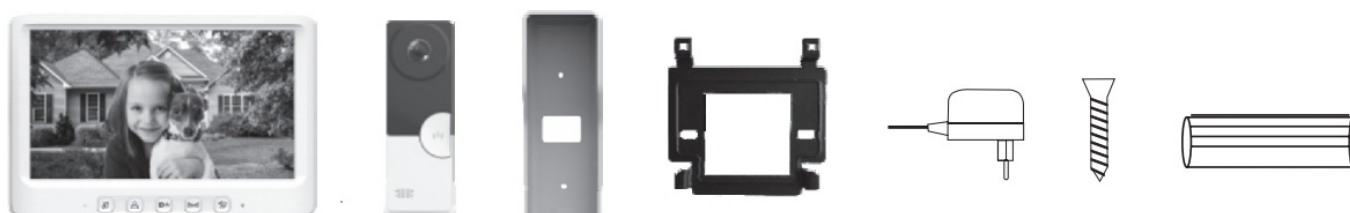
1	rain cover
2	camera
3	infra LED night vision
4	microphone
5	call button
6	speaker

Indoor unit



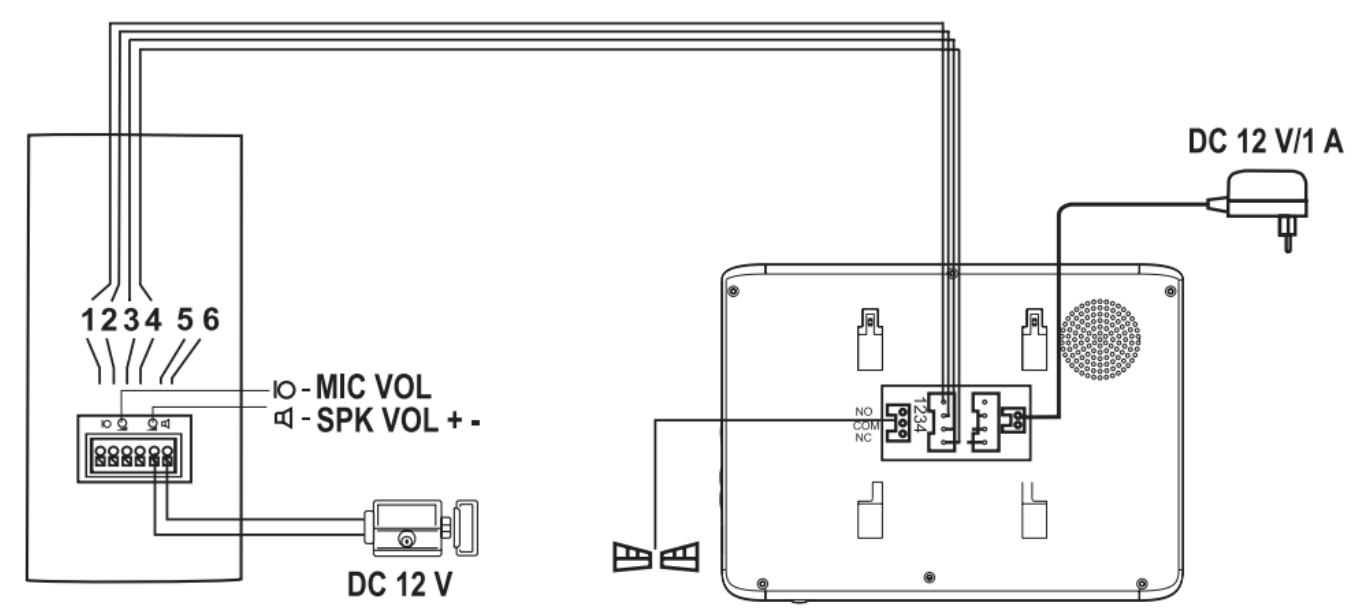
1	LED indicator
2	melody selector
3	monitor
4	unlock
5	unlock gate
6	talk
7	volume
8	microphone
9	brightness/contrast
10	image setup
11	wall hangers
12	connectors
13	speaker



Accessories



1	indoor unit
2	outdoor unit
3	rain cover
4	monitor wall mount
5	network adapter
6	screws
7	wall dowels

CONNECTION



	microphone sensitivity
	volume
1.AUDIO	green / sound
2.GND	black / GND powersupply voltage
3.VIDEO	yellow / image
4.POWER	red / positive power supply voltage
5.LOCK+	lock / positive*
6.LOCK-	lock / negative*

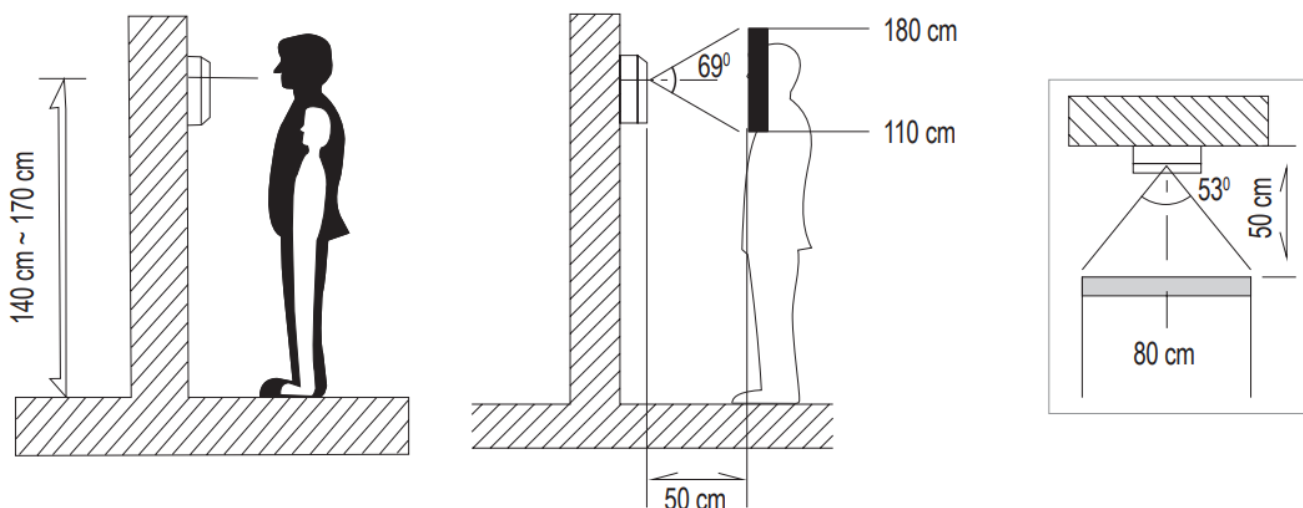
2 x 1,0 mm² wire needs to be used



MONITOR

1.AUDIO	green / sound
2.GND	black / GND power supply voltage
3.VIDEO	yellow / image
4.POWER	red / positive power supply voltage

INSTALLING



Safety and maintenance

COLORFUL VIDEO DOORPHONE

IMPORTANT SAFETY INSTRUCTIONS

READ THE INSTRUCTION MANUAL CAREFULLY BEFORE USE AND RETAIN IT FOR LATER REFERENCE!

WARNINGS

- Before using the product for the first time, please read the instructions for use below and retain them for later reference. The original instructions were written in Hungarian language.
- This appliance may only be used by persons with impaired physical, sensory or mental capabilities, or lacking in experience or knowledge, as well as children from the age of 8, if they are under supervision or have been given instruction concerning use of the appliance by a person responsible for their safety and they have understood the hazards associated with use. Children should not be allowed to play with the unit. Children from the age of 8 may only clean or perform user maintenance on the appliance under supervision. Children below the age of 8 years should be kept away from the appliance, and its power cable.
- Use only indoor, in dry circumstances!
- In case of injury of the mains adapter or any other type of malfunction, immediately power it off and contact a specialist!
- When it is not in use, unplug it from the mains!
- Keep the cables connecting the units away from other power cables!
- Using thin wire may cause the deterioration of sound and image quality.
- Do not operate the device near strong magnetic field!

- Protect it from dust, humidity, liquids, heat, dampness, frost, shock and direct thermal radiation or sunshine!
- Do not expose the unit to splashing water and do not place objects filled with liquid, for example glass on it!
- Open flamesource, such as lighting candle must not be placed on the unit!
- Do not disassemble or transform the unit as it may cause a fire, accident or electric shock!
- Due to the presence of mains voltage, observe the usual rules of life protection!
- It is forbidden to touch the adapter or the connection cable with wet hands!
- The appliance is not intended for public domain use but is intended for domestic use.
- Due to continuous improvements, the technical data and design may change without any prior notice.
- The actual instruction manual is downloadable from www.somogyi.hu website.
- We don't take the responsibility for printing errors which may occur, and apologize for them.



Caution: Risk of electric shock! Do not attempt to disassemble or modify the unit or its accessories.



In case any part is damaged, immediately power off the unit and seek the assistance of a specialist.

In the event that the power cable should become damaged, it should only be replaced by the manufacturer, its service facility or similarly qualified personnel.




DISPOSAL

Waste equipment must be collected and disposed separately from household waste because it may contain components hazardous to the environment or health. Used or waste equipment may be dropped off free of charge at the point of sale, or at any distributor which sells equipment of identical nature and function. Dispose of product at a facility specializing in the collection of electronic waste. By doing so, you will protect the environment as well as the health of others and yourself. If you have any questions, contact the local waste management organization. We shall undertake the tasks pertinent to the manufacturer as prescribed in the relevant regulations and shall bear any associated costs arising.

Functions

COLORFUL VIDEO DOORPHONE

FEATURES

- 7" (17,5 cm) ultra thin colorful LCD monitor
- convenient use without handset
- outdoor unit with rain cover frame, mountable outside the wall
- blue LED illuminated bell button
- night camera mode with hidden infrared LEDs
- selectable ring melody (16 types)
- outlook function
- lock opening in case of using outer electric lock (option)
- adjustable microphone sensitivity and volume
- adjustable monitor brightness, focus, volume
- 4-wire connection (between the outdoor/indoor units)
- accessories: rain cover frame, connection cable (cca. 9 m), wall metal holder frame, mains adapter, screws
- power supply of the outdoor/indoor unit: from the monitor/mains adapter (12 V  1 A)

USE

The device is ideal for replacing traditional doorphone systems and door bells. The appropriate sound and image quality depends on the distance between the devices and the cross section of the wires used. For the given length we recommend minimum the following cable cross-sections: 0-25 m: 4×0,5 mm² / 25-50 m: 4×0,75 mm² / 50-75 m: 4×1,0 mm² Use a shielded wire between units for trouble-free transmission! When using an 8-core wire, it is recommended to connect the unnecessary lead cores in parallel with the wires used, to increase the actual cross-section. To install the doorphone system, get help from a specialist!

INSTALLATION

Outdoor unit

Weather protection must be provided. Install the outdoor unit in a place protected against rain and direct sunlight! Sunlight can affect image quality! Use a special protective cover when needed! The power supply of the outdoor unit is provided from the monitor. Connect it with the spring connectors according to the wiring diagram. After installing the rain guard frame, place the camera on the hanger on the top-inside part of the frame, then fasten it to the underside of the frame with a short screw (supplied). Remove the protective film around the lens! Indoor unit Depending on the distance between the two units, the connection cable included in the package may be extended or replaced by a specialist as described in the "APPLICATION" section. The required wires must be purchased separately on the basis of individual needs. Lead them so that they do not get damaged and are protected from weather and physical impact. Before plugging in the mains adapter, check the correct connection!

HAVING VISITOR

By pressing the outdoor unit's bell button, the indoor monitor sounds and the LED below the screen blinks red and blue. The visitor's image appears on the monitor. If you want to talk to him/her, press the TALK (6.) button and the LED turns blue. The electric lock (option) can be opened with UNLOCK (4.) or UNLOCK GATE (5.) button to allow the guest access. After ending the conversation, press again the TALK (6.) button. This ends the call, switches off the monitor and turns the LED red. The monitor automatically switches off approx. after 1 minute. If you do not answer the call, the monitor switches off within a half minute.

OUTLOOK

By pressing OUTLOOK (3.) button in standby mode, you can check the surroundings of the entrance. By pressing the button again – or after e.g. 30 seconds – it switches off. If you press TALK (6.) button during, you can talk through the outdoor speaker.

SETTING IMAGE QUALITY

Use the buttons on the right side of the monitor to set the correct image quality; selecting BRIGHTNESS/CONTRAST (9.) and IMAGE SETUP +/- (10.) The volume control on the bottom of the monitor is used to adjust the visitor's voice. In darkness, in low visibility conditions, the camera automatically switches to black-white mode because it provides more sensitivity.

DOOR-OPENING FUNCTION

The LOCK + (5.) and LOCK- (6.) connectors on the backside of the outdoor unit switch the electric lock. The electric lock is not a part of the package. It must be purchased and installed according to the individual needs and the design of the door. The lock can be opened from the indoor unit. If you do not use an external door opener circuit, the power requirement for the electric lock should not exceed the 12 V DC / 4-500 mA parameters. To operate a higher-performance lock, an external transformer and relay must be used, but this is basically recommended in all cases! If you want to control gate locks besides the door lock, the connectors on the backside of the monitor should be used.

SETTING RINGTONE

Switch on the monitor with the OUTLOOK (3.) button, then by pressing the first button under the screen MELODY SELECTOR (2.) select the sound signal you want to use. You can choose from 16 different melodies. Finally, use OUTLOOK (3.) button to confirm it. The loudspeaker is located on the back of the monitor, the ring volume cannot be controlled. The volume control on the bottom of the monitor serves to adjust the visitor's volume.

TROUBLESHOOTING

If there is no sound or image, check, that



- whether connection is according to the regulation
- whether there is power supply
- no wire is damaged


If the conversation can be heard quietly or the image quality is poor, check that



- have used wires of sufficiently large cross-section
- do not exceed the recommended distances
- do not interfere with nearby electrical equipment for operation

CLEANING



Before cleaning, power off the device by unplugging it from the mains! Use a soft, dry cloth. Do not use aggressive cleaners and liquids!

Indoor Unit	
power supply	12 V 
pwr consumption stby	< 0,5 W
pwr consumption opt	< 5,0 W
monitor	7" TFT LCD
resolution	800 x 480 pixel
auto power off	≈ 60 130 sec
unlock time	≈ 5 sec
power of e-lock	12 V  1500 mA max.
operating temperature	-15...+45 °C
dimensions	182 x 134 x 19 mm

Outdoor Unit	
power supply	12 V 
powered by	monitor cable
pwr consumption opt	< 2,0 W
camera	< 600 TV lines, ≈ 120°
night illumination	infrared LED / 0,1 LUX
operating temperature	-15...+45 °C
dimensions	40 x 119 x 30 mm

AC Adaptor	
input (PRI)	100-240 V~ / 50-60 Hz
	0,5 A max.
output (SEC)	12 V 
	1,0 A max.
polarity	



Manufacturer's name or trade mark, commercial registration number and address	 SOMOGYI ELEKTRONIC[®] 9027 Győr, Gesztenyefa út 3. 08-09-002824
Model identifier	 J151-1201000EX
Input voltage	100-240 V~
Input AC frequency	50 / 60 Hz
Output voltage	12,0 V
Output current	1,0 A
Output power	12,0 W
Average active efficiency	83,17%
Efficiency at low load (10%)	–
No-load power consumption	0,07 W



DPV 26

Producer

SOMOGYI ELEKTRONIC ®

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Documents / Resources

	<p>SOMOGYI ELECTRONIC DPV 26 Video Intercom [pdf] Instruction Manual DPV 26 Video Intercom, DPV 26, DPV 26 Intercom, Video Intercom, Intercom</p>
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References

-  [Somogyi Elektronik Kft.](#)
-  [Digitalis d.o.o.](#)
-  [Elementa d.o.o.](#)
-  [Somogyi Elektronik Kft.](#)
-  [Somogyi Elektronik S.R.L.](#)
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