Panasonic

Important Information and Quick Guide

Model Name	Model No.
Video Intercom System	**VL-SA71SX**
Monitor Station (17.8 cm)	**VL-MA71SX**
Door Station	**VL-VA502SX**



Door station



Monitor station

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Thank you for purchasing a Panasonic product.
Please read this document before using the product and save it for future reference.
Carefully read the information found in the section titled "For your safety" in particular.
For further information about features and operations, visit our Website and find the document
https://security.in.panasonic.com/products/vl-sa71

Installation Guide is supplied separately.

This system is an auxiliary system; it is not designed to provide complete protection from property loss. Panasonic will not be held responsible in the event that property loss occurs while this system is in operation.
Customer care number:080-6984-1373
Email:helpline@in.panasonic.com

The images shown are for illustration purposes only and may not be an exact representation of the product.

1.1 Model composition

Model composition	Monitor Station*1 (Monitor*2) 	Door Station (Doorphone*2) 
VL-SA71SX	**VL-MA71SX**	**VL-VA502SX**

*1. Can be configured to be used as an extension monitor.
*2. Product name used in this document.

Caution:

- Before attempting to connect or operate this product, please read the label on the rear of the main monitor.

1.2 Accessory information

1.2.1 Supplied accessories

Note:

- Accessories for installing the monitor and the doorphone are described in the supplied Installation Guide.

1.3 Features

17.8 cm digital screen.
Hands-free intercom.
IP65 waterproof, damage-proof with IK08.
Electronic-lock unlocking.
Outdoor monitoring.
Brightness, color, contrast, melody volume and talking volume can be adjusted.
White LED for color night vision.
There are 30 different melody ring tones for option.
Supports up to 2 outdoor units work with 1 monitor, and 1 analog CCTV camera.

1.4 General information

- In the event of problems, you should contact your equipment supplier in the first instance.
- The available products differ depending on your region. For more information, please consult your dealer.
- In this document, the suffix of each model number (e.g., the "SX" in "VL-SA71SX") is omitted unless necessary. When the suffixes are used to describe models (e.g., "SX models"), the suffixes refer to all models in the series.
- Design and specifications are subject to change without notice.
- The illustrations in the supplied document may vary slightly from the actual product.

Graphical symbols for use on equipment and their descriptions

1		2		3		4		5		6	
7		8		9		10		11		12	

1. Alternating current (A.C.) 2. Direct current (D.C.) 3. Protective earth 4. Protective bonding earth 5. Functional earth 6. For indoor use only 7. Class P equipment (equipment in which protection against electric shock relies on Double Insulation or Reinforced Insulation) 8. "ON" (power) 9. "OFF" (power) 10. Stand-by (power) 11. "ON"/"OFF" (power; push-push) 12. Caution, risk of electric shock

2.1 For your safety

To prevent severe injury and loss of life/property, this section carefully before using the product to ensure proper and safe operation of your product.

⚠ WARNING

Preventing fire and electric shock

- Use only the power source marked on the product. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
- Use only the specified power supply unit.
- Do not attempt to disassemble or modify this product. Contact an authorised service centre for repairs.
- Never touch the power supply unit with wet hand.
- Do not use the product (excluding the doorphone) in areas that are exposed to rain, moisture, steam, or oily smoke, or areas that have excessive dust.
- Do not perform any actions (such as fabricating, twisting, stretching, bundling, forcibly bending, damaging, altering, exposing to heat sources, or placing heavy objects on the power cable) that may damage the power cable. Using the product with a damaged power cable may cause electric shock, short circuits, or fire. Contact an authorised service centre for repairs.
- Do not overload the power outlet or wiring above the specified levels. Overloading by having many connections on one power outlet may cause heat generation, resulting in a fire.
- Never put metal objects inside the product. Never spill any liquid on the product (excluding the doorphone).
  If metal objects enter the product or the product becomes wet, unplug the product from the power outlet and contact an authorised service centre.
- Do not use a microwave oven or other devices, such as electromagnetic cookers, to speed up the drying process of any parts of the product.
- Completely insert the adapter into the power outlets. Failure to do so may cause electric shock and/or excessive heat resulting in a fire.
  Do not use damaged power adapter or power outlets.
- Regularly remove any dust, etc., from the power adapter and power plug by unplugging them from the power outlets, then wiping them with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc., resulting in a fire.
- Unplug the product from the power outlet if the product emits smoke, an abnormal smell or makes unusual noise, or if the product has been dropped or physically damaged. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact an authorised service centre.
- Hold the main body (not the metal parts) of the adapter when unplugging them.
  Unplugging the adapter while holding their cords or cords' plugs may result in fire, electric shock, or injury.

⚠ CAUTION

Preventing accidents, injuries, and property damage

- Do not use the product in unstable areas or areas prone to strong vibrations. This may cause the product to fall, resulting in damage to the product or injury.
- Do not put your ear(s) near the speaker, as loud sounds emitted from the speaker may cause hearing impairment.

2.2 Important safety instructions

When using this product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Do not use this product near water. For example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
2. Use only the power cable, power supply unit, and connecters indicated in this document.

SAVE THESE INSTRUCTIONS

2.3 For best performance

Environment

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should not be exposed to direct sunlight.

- The unit should be kept away from heat sources such as radiators, cookers, etc. It should not be placed in rooms where the temperature is less than -20°C or greater than 40°C (For indoor) & 70°C (For outdoor). Damp basements should also be avoided.
- Do not install the product in locations that are suspect to sudden changes in temperature. Failure to do so may cause condensation to form on the product causing malfunction.
- In areas surrounded by a high electrical field, disturbances may occur in the unit's image or sound.

2.4 Other important information

- The adapter is used as the main disconnect device. Ensure that the power outlet is installed near the product and is easily accessible.

Privacy and rights of portrait

When installing or using the doorphone, please take into consideration the rights of others with regard to privacy.

- It is generally said that "privacy" means the ability of an individual or group to stop information about themselves from becoming known to people other than those whom they choose to give the information. "Rights of portrait" means the right to be safe from having your own image taken and used indiscriminately without consent.

Personal information

The monitor's internal memory records personal information (image and audio recordings of visitors, etc.). Panasonic assumes no liability for any unforeseen damages arising from the exposure of the recorded information.

- Disclaimer

  Recorded data may be altered or deleted as a result of incorrect operations, exposure to static electricity, accidents, malfunction, repairs or other operations. Panasonic assumes no liability for any direct or indirect damages resulting from the loss or alteration of recorded images.

Requesting repairs for the product

- Before submitting the monitor for repair, initialize them. This will delete all information saved in the monitor.
- Even if the product is sent for repairs without being initialized, the memory (including recorded data and settings) for the monitor may be cleared and set to factory default after repair.
- If operations cannot be performed due to the monitor malfunction, consult with the place of purchase for appropriate action.

Note for product disposal, transfer, or return

- This product can store your private/confidential information.

  To protect your privacy/confidentiality, we recommend that you erase the information (recorded images) from the memory before you dispose of, transfer or return the product.

Others

- It is prohibited to disassemble or modify this product. Contact the dealer where you purchased this product for repair.
- When power fails, this product cannot be used.
- For the recorded image:

  The recorded image may be lost when:

  –Mishandled

  –Electric shock occurs.

  –The power is turned off during use.
- Panasonic may not be liable for damages due to external factors such as power failures.
- If you stop using the monitor and the doorphone, remove the monitor and the doorphone from the walls to prevent them from falling off. (Consult your dealer for information about removing the product.)

2.5 For India only

Information on hazardous constituents as specified in sub-rule of rule 16 (1) in electrical and electronic equipment.

Declaration of Conformity with the requirements of the E-Waste (Management) Amendment Rules 2023 with the rule 16 (1) limits with respect to lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers;

The content of hazardous substance with the exemption of the applications listed in SCHEDULE II of the E-Waste (Management) Second Amendment Rules 2023:

1. Lead (Pb) - not over 0.1% by weight;
2. Cadmium (Cd) - not over 0.01% by weight;
3. Mercury (Hg) - not over 0.1% by weight;
4. Hexavalent chromium (Cr6+) - not over 0.1 % by weight;

5. Polybrominated biphenyls (PBBs) - not over 0.1% by weight;
6. Polybrominated diphenyl ethers (PBDEs) - not over 0.1% by weight;



For the purpose of recycling to facilitate effective utilization of Resources, please return this product to a nearby authorized collection center, registered dismantler or recycler, or Panasonic service center when disposing of this product.
Customer care : 080-6984-1373
Please see the Panasonic website for further information on collection centers, etc., or call the customer care number.
Website:
https://www.panasonic.com/in/corporate/e-waste-management.html

2.6 Cleaning

Wipe the product with a soft, dry cloth.
For excessive dirt, wipe the product with a moist cloth.

Important:

- Do not use any cleaning products that contain alcohol, polish powder, powder soap, benzine, thinner, wax, petroleum, or boiling water. Also do not spray the product with insecticide, glass cleaner, or hair spray. This may cause a change in colour or quality of the product.

Do's & Don't: E waste (Management) Amendment Rules 2023

S.No.	Do's	Don't
1	All electrical and electronic products are required to be handed over only to the Authorized recycler	The product should not be opened by the User himself/ herself, but only by authorized service personnel.
2	The product should be handed over only to authorized recycler for disposal.	The product is not meant for re-sale any unauthorized agencies/scrap dealer/ kabariwalas.
3	Keep the product in isolated area, after it becomes non-functional/un-repairable so as to prevent its accidental breakage	The product is not meant for mixing into household waste stream.
4	Refer to operating instructions for handling of end of life products.	Do not keep any replaced spare part(s) from the product in exposed area .
5	Always Dispose products that have reached end-of life at Panasonic India Authorized Service centre.	Do not donate electronic items to any body. Do not dispose your product in garbage bins along with municipal waste that ultimately reaches landfill.
6	Wherever possible or as instructed, separate the packaging material according to responsible waste disposal options and sorting for recycling.	Do not give e-waste to informal and unorganized sectors like Local Scrap Dealer/ Rag Pickers.

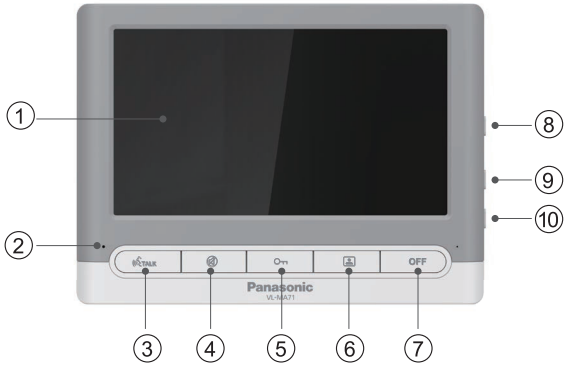
3.1 Controls

3.1.1 Doorphone



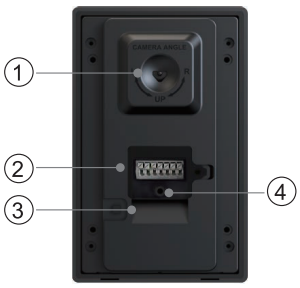
1. Microphone
2. Camera lens
3. White LED
4. Speaker
5. Call button and indicator

3.1.2 Monitor



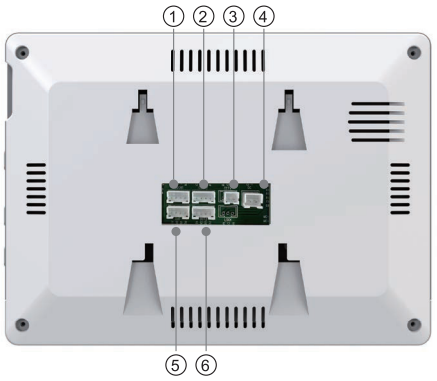
1. Display
2. Microphone
3. Talk
4. Mute
5. Door Unlock
6. Monitor
7. hang up
8. Setting
9. Button / Up
10. Button / Down

Back side of door station explanation



1. Camera Angle Adjustment
2. Wiring Terminals (Left to right)
   1. Audio 2. Gnd 3. Video 4. Power
   5. NO 6. Com 7 NC
3. Tamper Alarm
4. Speaker Sensitivity

Back side of monitor explanation



1. DOOR 1
2. DOOR 2
3. CCTV
4. POWER
5. OUT 1
6. OUT 2

4.1 Visitor call

Standby mode

The Visitor press the **call** button on Door station 1

The Visitor press the **call** button on Door station 2

▼ A ringtone is heard inside and outside

The visitor's image automatically displayed on the screen

▼

Press the **talk** button on Monitor station

▼ Stop ringing

Start conversation with Door station

▼ The conversation duration is 120s at a time

Press the **unlock** button on Monitor station to release the door lock

▶ Press the hang up button on Monitor station OFF

▼

End

NOTE:

If both the call buttons on two door stations are pressed approximately at the same time, the preference will be given to the door station on which call button was press first, unless the call button is pressed again after the monitor station goes into standby mode. Please note that there will be no indication on second door station.

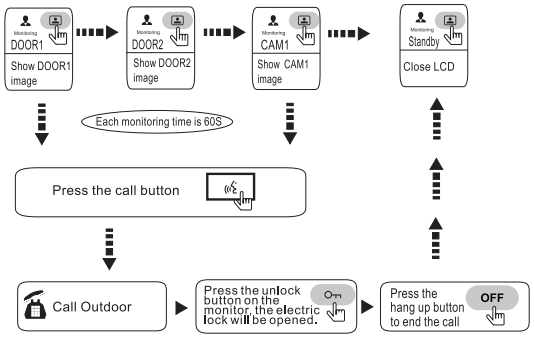


If you click button(Blue color LED turn into Red color) , the device will enter DND mode.
At this time, there will be no ringtone if a call comes from the door. Click button again to exit DND mode.

4.2 Monitoring

Press the monitor button " " to select and monitoring the devices: DOOR 1, DOOR 2, CAM 1. Press once to active the monitoring to DOOR 1, press again to turn to other options.

Standby mode



NOTE:

If you are using only one door station in monitoring mode, you can also end the monitoring mode by pressing the monitoring button again.

If you use two monitors, you can also simultaneously start monitoring mode in extension monitor, the same images will be displayed on the screen of the different monitor.

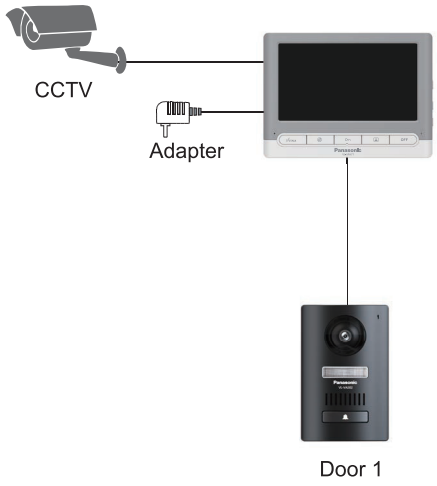
If a conversation with door station is on going in monitoring mode, during this time if a visitor presses the call button on either of door stations, the monitoring mode will be switched off, just the visitor's image will appear on the screen and continuous ringing will be heard. And you can press the talking button to start the conversation with the visitor.

4.3 Setting

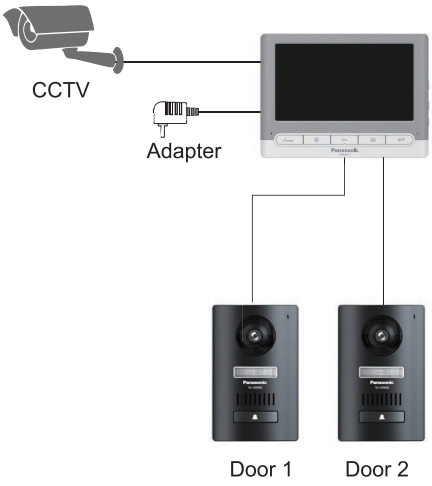
Click button, then click button on the side, the device will show setting items. Then you can set brightness, color, contrast, ring, ring volume and unlock time by pressing the buttons on the side, (Increase); (Decrease). Click to choose the item you want to change. Brightness, color, contrast and ring volume can be set from 0-30; unlock time can be set from 1-10(s). Total 30 rings can be selected. After setting, click or OFF to exit setting.
For talking volume setting, click button, then press the buttons on the side or to increase or decrease talking volume, from 0-30.

The system can support max. 2 outdoor units working with 1 indoor monitor and 1 CCTV camera.

The wiring diagram for one outdoor unit with one monitor



The wiring diagram for two outdoor units with one monitor



Technical Specifications

Monitor(VL-MA71SX)

Screen Size	17.8 cm
Screen Resolution	1024(H)x600(W)
Effective Area	154.21 (H)x85.92(W)mm
Outline Size (cm) (L x B x H)	19.0 x 2.2 x 14.0
Adapter Input Voltage	AC100-240V 50Hz/60Hz
Adapter Output Voltage & Current	DC14.5V 1A
Monitoring time	60 s
Talking time	120 s
Working Distance	50m (4X0.75mm² cable)
Power Consumption	Standby <3W, Working <10W
Operating Temperature	-20℃~+40℃
Relative Humidity	10%~90%(RH)

Door Station(VL-VA502SX)

Night vision	White light
Operating temperature	-20℃~+70℃
Illumination	0.1LUX
Camera Resolution	2 MP
Streaming Resolution (Video)	720x576
Viewing angle	120° diagonal, 90° horizontal, 66° vertical
Size (cm) (L x B x H)	9.5 x 4.1 x 15.0

Caution

1. To prevent damage, the adapter should be fastened on the wall according to instruction.
2. Keep the power plug in a convenient location for easy disconnection of the device.
3. When connecting AC power wire, please finish the connection before plugging in the power.

Troubleshooting

Problem	Solutions
No video/audio	● Make sure all the connections are secured and properly connected. ● Make sure there is nothing obstructing the view of camera. ● Note: Especially check the yellow(video) and green(audio) cable if they are connected well.
No video, but can talk	● Make sure all the connections are secured and properly connected. ● Make sure there is nothing obstructing the view of camera. ● Note: Especially check the yellow cable(video) if it is connected well.
No audio when calling	● Make sure the volume on the indoor unit is turned up. ● Make sure that there is nothing such as object with strong magnetism interfering with the speaker or microphone. ● Make sure all the connections are secured and properly connected.
The outdoor unit can not call the indoor unit	● Make sure all the connections are secured and properly connected.
Door release doesn't work	● Make sure the connections with locks are secured and properly connected. ● Make sure the lock connecting to the power source is enough to work.
It is not possible to hear the door camera talk but ringtone can be heard	● Press “ TALK ” button for 2-way talk ● Make sure all the connections are secured and properly connected
It is possible to hear the sound from camera side but is not possible to talk	● Press “ TALK ” button for 2-way talk ● Make sure all the connections are secured and properly connected.

Note: Please refer to Page 5&6 for connection diagram of installation guide.

Panasonic Life Solutions India Pvt. Ltd.

Quick Guide

Installation Guide