

Important Information and Quick Guide

Model Name	Model No.
Video Intercom System	VL-SV70

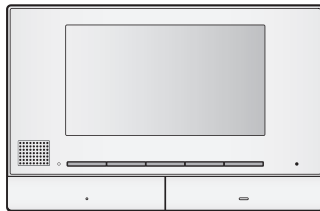


Table of Contents

1. Introduction	2
2. Important information	5
3. Preparation	8
4. Basic operations	10
5. Additional functions	12
6. Specifications	13

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 Web site and find the document:



<https://panasonic.net/cns/pcc/support/intercom/sv70>

Installation Guide is supplied separately.

This system is not designed to provide complete protection from property loss. To the maximum extent permitted by applicable law, Panasonic will not be held responsible for any damage incurred as a result of property loss.

1. Introduction

1.1 Model composition

Model composition	Main Monitor Station (Main monitor* ¹) 	Door Station (Doorphone* ¹) 
VL-SV70	VL-MV70	VL-V522L

*¹ Product names used in this document.

Caution:

- Before attempting to connect or operate this product, please read the nameplate on the bottom or rear of the product.

1.2 Accessory information

1.2.1 Supplied accessories

Note:

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

1.3 General information

- In the event of problems, you should contact your equipment supplier in the first instance.
- After removing the product and any included items from the packaging, store, dispose, or recycle the packaging as necessary. Note that certain types of packaging may be a suffocation or choking hazard.
- 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 "BX" in "VL-SV70BX") is omitted unless necessary. When the suffixes are used to describe models (e.g., "BX 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.

For Europe













For information of Compliance with EU relevant Regulatory Directives, Contact to Authorised Representative:

Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany
<https://www.ptc.panasonic.eu/compliance-documents>

Ecodesign information

Ecodesign information under EU Regulation (EC) No. 1275/2008 amended by (EU) Regulation No. 801/2013. "ErP Free Web Product Information" is available at the following URL:
<https://www.ptc.panasonic.eu/compliance-documents>
Power consumption in networked standby and guidance are mentioned in the Web site above.
This device is classified as a HiNA device (networked equipment with high network availability), according to Ecodesign requirements.

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. Caution: risk caused by visible radiation 6. For indoor use only 7. Class II 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

About the light of door station

- The light is intended to illuminate the subjects in dark environments and not in any other applications.

1.4 Symbols, expressions, and styles

The following symbols, expressions, and styles are used in this document.

Item	How it is expressed	Example
Text displayed on the product's display	Text is displayed in a special font, usually enclosed in quotation marks	"Initial settings"
Icons displayed on the product's display	Black-and-white illustration of icon is used	
Buttons with printing on them or near them	Button printing is displayed, usually wrapped in thick brackets	【TALK】 【  】
Soft keys	Black-and-white illustration of the corresponding soft key icon is used	
Procedures	Usually written in an abbreviated style. The verb may be omitted. Unless otherwise stated, all procedures are for the main monitor.	Main monitor example  → "Display" →  → "Brightness" ● Meaning: Press the soft key under the displayed  soft key icon, press the soft keys under the displayed  and  soft key icons to select "Display", press the soft key under the displayed  soft key icon, and then press  to select "Brightness".

1.5 Trademarks and registered trademarks

- All other trademarks identified herein are the property of their respective owners.

2.1 For your safety

To prevent severe injury and loss of life/property, read 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.
- Do not attempt to disassemble or modify this product. Contact an authorised service centre for repairs.
- Never touch the power plug with wet hands.
- Do not touch the power plug during an electrical storm.
- 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 place objects on the power cables. Install the product where no one can step or trip on the power cables.
- Do not allow the power cables to be excessively pulled, bent or placed under heavy objects.
- 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.
- Completely insert the power plug 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 plug or power outlets.
- Regularly remove any dust, etc., from the power plug by unplugging it from the power outlet, then wiping it 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 power plug when unplugging it. Unplugging the power plug while holding its cord 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 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 0 °C or greater than 40 °C. 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. Important information

2.4 Other important information

- The power plug 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 and rights of portrait.

- 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.
- Please observe the legal regulations (data protection, video surveillance) in your country during use.

Personal information

The main monitor's internal memory records personal information (image 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 main monitor for repair, initialize it. This will delete all information saved in the main monitor.*1
- Even if the product is sent for repairs without being initialized, the memory (including recorded data and settings) for the main monitor may be cleared and set to factory default after repair.
- If operations cannot be performed due to the main 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.
All the recorded images can be erased at once by initializing the main monitor.*1

*1 Main monitor: perform "Factory Setting" in "Initialize settings".

Information on Disposal in other Countries outside the European Union



Above symbol (①) is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Others

- 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 main monitor and the doorphone, remove the main monitor and the doorphone from the walls to prevent them from falling off. (Consult your dealer for information about removing the product.)

2.5 Environmental Information (India only)

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

Declaration of Conformity with the requirements of the E-Waste (Management) Amendment Rules 2018 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) Amendment Rules 2018:

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.

Information of Disposal



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 number (Toll free) : 1800 103 1333, 1800 108 1333

Please see the Panasonic website for further information on collection centers, etc. or call the customer care toll-free number

<http://www.panasonic.com/in/corporate/sustainability/panasonic-india-i-recycle-program.html>

Do's & Don'ts: E-waste (Management) Amendment Rules 2018		
No.	Do's	Don'ts
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 to any unauthorized agencies / scrap dealers / kabariwalas.
3	Keep the product in an isolated area, after it becomes non-functional / unrepairable 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 an exposed area.
5	Always dispose of products that have reached end of life at Panasonic India Authorized Service Centre.	Do not donate old electronic items to anybody. Do not dispose of 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 Dealers / Rag Pickers.
---	------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------

2.6 Cleaning

Wipe the product with a soft, dry cloth.

For excessive dirt, wipe the product with a cloth slightly dampened with fresh water.

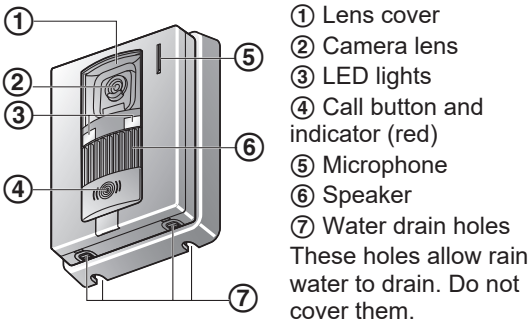
Important:

- **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, hair spray, or wall paint. This may cause a change in colour or quality of the product.**

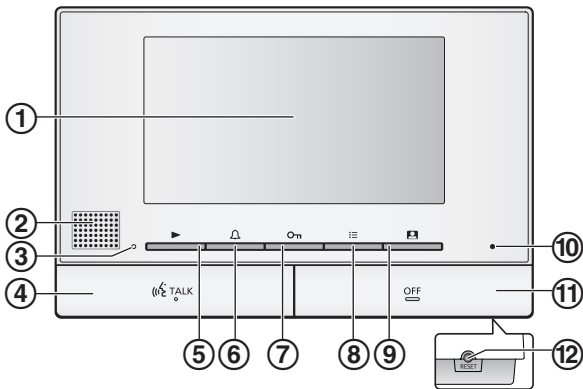
3. Preparation

3.1 Controls

3.1.1 Doorphone



3.1.2 Main monitor



① Display (page 8)

② Speaker

③ Play lamp (blue)

④ TALK button (TALK)

⑤ Play button (▶)

⑥ Ring volume button (🔔)

Press to display the setting screen when the main monitor is idle.

⑦ Unlock button (On)

⑧ Menu button (☰)

⑨ Monitor button (👤)

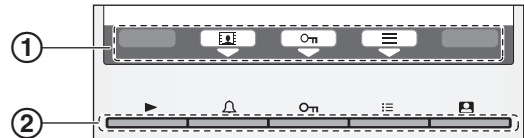
⑩ Microphone

⑪ OFF button (OFF)

⑫ RESET button

If the main monitor cannot be correctly operated, press the **[RESET]** button with a pointed object to reset the main monitor. (Recorded images and configured settings are not affected.)

Soft keys

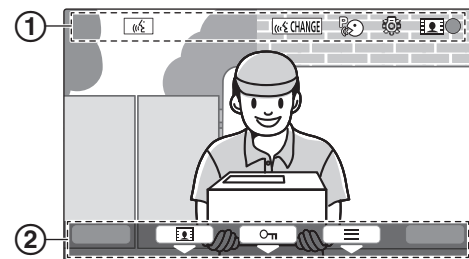


Icons indicate the functions that can be operated by the soft keys.

3.2 Using the display

3.2.1 Main monitor - display information

Image viewing screen



① Status icons (page 8)

② Soft key icons (page 8)

Status icons (main monitor)



Indicates that the main monitor is on a call.



Indicates that the main monitor is monitoring.



Indicates that images are being recorded.



Indicates that the doorphone's LED lights are on.












Indicates that "Press-to-talk" mode is on.



Indicates that voice changer is on.

3.3 Setting the language, date and time

- The play lamp lights if these settings are not configured.
- 1 Press the  button to turn on the display.
 - 2 Press  or  to select the desired language.
 - 3 Press .
 - 4 Press  again.
 - 5 Set the date and time.
 - Press  to select an item (i.e., year, month, day, etc.).
 - Press  or  to change the setting.
 - 6 When finished, press .

Note:

- The date and time settings may be deleted when there is a power outage. In this case, reconfigure the settings.
- The time may become out of sync over time (about 60 seconds per month).

4. Basic operations

4.1 Answering doorphone calls

When you receive a call from a doorphone, the main monitor rings and displays an image from the doorphone.

To answer the call

Press [**TALK**].

- Speak within about 50 cm of the microphone.
- Speak alternatively with the visitor. If you and the visitor speak at the same time, you will not hear each other.
- You can talk for up to about 90 seconds.

To end the call

Press [**OFF**].

4.2 Monitoring the outside with the doorphone

You can monitor the sounds and images from the doorphone using the main monitor.

- 1 Press [**MONITOR**].
 - The images from the doorphone are displayed.
- 2 Monitor the sound and image.
 - You can talk to the monitored party by pressing [**TALK**].
- 3 When finished, press [**OFF**].

4.3 Recording automatically (recording a received call)

The main monitor can record doorphone images (still images). They can save images from up to 50 doorphone calls or monitoring sessions. Each time new images are recorded, they are saved in an image set of up to 4 images.

When a visitor calls you, the main monitor records 4 images automatically (whether you answer the call or not). Recording starts about 2 seconds after you receive the call.

When you do not answer a call

The recorded images are saved as unplayed images, and the play lamp lights.

When the memory is full (auto image updating)

When the memory is full, new images overwrite the oldest images automatically. This occurs even if the oldest images are unplayed images.

4.4 Recording manually (recording while monitoring)









The main monitor can manually record 4 images while monitoring.

While monitoring, press [**REC**].

4.5 Playing recorded images

When there are new (i.e., unplayed) images recorded, the play lamp (page 8) lights.

- 1 Press [**PLAY**].
 - “Recorded image list” screen is displayed.
- 2 Select “Unplayed images” (for new images) or “Played images” (for images that have been played) → [**OK**].
 - The most recent image set of the selected type is displayed.
- 3 Browse the image sets and images.
 - The following operations are available.

- | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
|  | Plays back all images in an image set continuously |
|  | Browses image sets, from older ones to newer ones |
|  | Browses image sets, from newer ones to older ones |
|  | Displays the options menu |
|  | Returns to the previous screen |
|  | Pauses continuous playback |
|  | Plays the previous image in an image set when continuous play is paused |
|  | Plays the next image in an image set when continuous play is paused |

- 4 When finished, press [**OFF**].

4.6 Using electric locks

When a commercially available electric lock is connected to 1 main monitor, you can unlock a door using the main monitor.

- For detailed information about connections, see the operating instructions included with the electric lock and the Installation Guide of this product.

4.6.1 Configuring electric locks

- 1 Press [**MENU**].
- 2 Select “Connected devices” → [**OK**].
- 3 Select “Electric lock” → [**OK**].
- 4 Select “Doorphone” → [**OK**].
- 5 Select the device that the electric lock is connected to → [**OK**].
- 6 Select the unlocking time → [**OK**].
- 7 When finished, press [**OFF**].

4.6.2 Unlocking electric locks

- 1 Press during an incoming call, or while talking or monitoring.
-

4.7 Doorbells

A doorbell may be connected to your main monitor. In this case, the main monitor will ring when someone presses the doorbell button.

When a doorbell is connected to your main monitor, configure the main monitor as follows.


Press → select “Connected devices” → → select “Door bell” → → select “Device connected” → . When a beep sounds, press .

Note:

- Connect a doorbell to the IN1 and IN2 terminals. (The doorbell will not operate if connected to other terminals.)

5.1 Function settings

You can change the settings, such as Initial settings, Ringtone settings, and Connected devices settings, to match how your product is used. You can also view information on how to access the Operating Instructions.

- 1 Press [].
- 2 Select the desired item → .
 - Repeat this step as necessary to navigate to the desired setting.
- 3 Select the desired setting → .
- 4 Press [OFF].

6.1 Specifications

Main monitor (VL-MV70)

Power source	220-240 V AC, 50/60 Hz
Power consumption	Standby: 2.0 W Operating: 10.5 W
Dimensions (mm) (height × width × depth)	Approx. 158×243×29.5 (excluding protruding sections)
Mass (weight)	<ul style="list-style-type: none"> ● VL-MV70BX: approx. 760 g ● VL-MV70CX: approx. 810 g ● VL-MV70SX: approx. 780 g
Operating environment	Ambient temperature: approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Display	Approx. 17.8 cm (7.0 inches wide colour display)
Talking method	Hands-free
Installation method	Wall mount (mounting bracket supplied)

Doorphone (VL-V522L)

Power source	Power supplied by the main monitor
Dimensions (mm) (height × width × depth)	Approx. 131×99×36.5 (excluding protruding sections)
Mass (weight)	Approx. 200 g
Operating environment	Ambient temperature: approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 %
Viewing angle	Horizontally: approx. 87° Vertically: approx. 66°
Installation method	Wall mount (mounting base supplied)
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)
Lighting method	LED lights

Panasonic Corporation

1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan
<http://www.panasonic.com>

© Panasonic Corporation 2020



PNQW5992YA

PNQW5992YA C1020MM1021