

Panasonic

ideas for life

2006 Wireless Video Intercom System
VL-SW102BX



VL-SW102BX
VL-GC001BX-S VL-MW102BX VL-W600BX

*Picture simulated

See and Talk from Wherever You Are

Door Station

Main Monitor

Wireless Monitor



Answer the Door Safety and Easily

We all need to watch out for ourselves in daily life. With the unique Panasonic cordless communication technology applied to the new wireless video intercom, you can now identify visitors by both image and voice, giving you greater safety and security. This all-round wireless video intercom can be used from anywhere by any member of the family, providing easy usability, convenience, and safety.

Selecting the System That's Right for You

The Panasonic wireless video intercom solution: Tough, Convenient, Expandable

Needs

Solutions

Security

I need effective protection for my home and family.

Toughness

The system is tough enough to withstand attempts to break it.

Comfort

It has to be easy enough for everyday use.

Convenient Functions

You can control everything from indoors.

Future Enhancements

You may want to add on new functions later.

Expandability

You can add on wireless monitoring repeaters to expand the system.

Easy Functions That Can I

Outside

Ins

Main Set VL-SW102BX



Door Station
(VL-GC001BX-S)



Door Key

You can use the monitor to unlock the door, saving you the trouble of having to go to the entrance.

Main Monitor
(VL-MW102BX)



*Picture simulated.

Door Station

The door station is covered in a metallic body that conceals the camera and resists damage.

Main Monitor

Without opening the door, you can see the visitor from the monitor display.

Lights up at Night Illuminated Button

The ring illuminates at night, making it easier for guests to find while also lending an attractive look to your doorway. When a visitor presses the button, a chime tone sounds at the indoor colour monitor unit.



Feel Secure Even When You Are Away from Home Picture Recording

The intercom records the images of up to 100 visitors. And when the memory becomes full, the intercom automatically replaces the old images with new ones, so you do not need to replace the memory data. This is a highly secure and useful function for recording visitors while you're away from home.



Easy-to-See Colour LCD monitor

It's easy to see who's at the door, thanks to a colour LCD with automatic brightness compensation and adjustable contrast. In dim evening light, the image displayed is brighter than the actual light level. At night, an infrared LED in the camera unit lets you see your visitor's face from around 50 cm (19 inches) away.*

*At night, images are black and white.



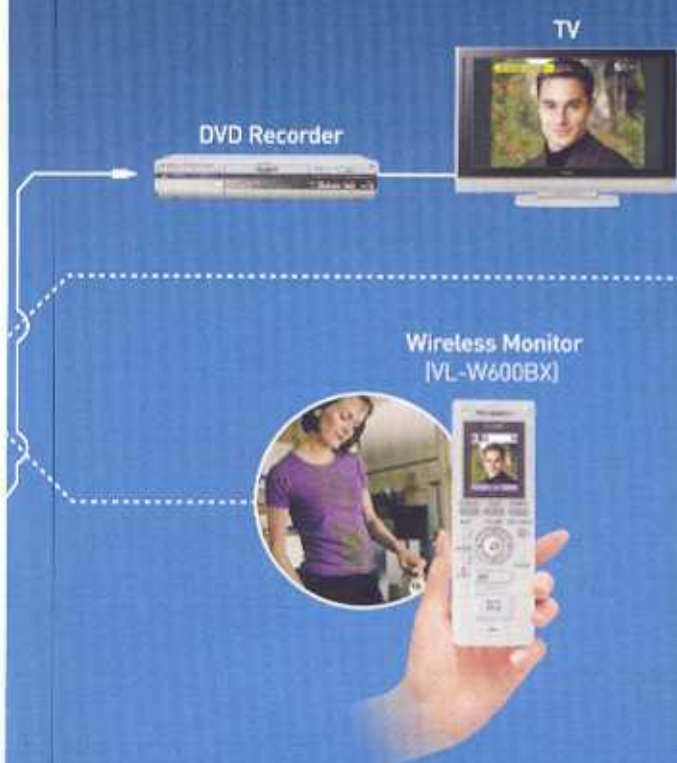
Changing Voices According to the Visitor Voice Change Function

The voice change function makes a woman's voice sound like a man's when speaking with visitors. This helps to make women feel more secure when they are home alone because visitors are not able to see inside the home.



Be Used by Anybody

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Wireless Monitor

You can carry the wireless monitor around like a cordless handset and use it to operate the main monitor by remote control.

Responding Even When Your Hands Are Occupied Voice Answer Mode

Even when you cannot press the button because your hands are occupied with something like cooking or cleaning, you can talk with a visitor in Voice Answer mode. The intercom's sensor responds to words such as "Yes" or "Hello," allowing you to talk with a visitor* without having to stop what you're doing or wash your hands.

*The visitor cannot hear your initial reply.



Room-to-Room Communication Transfer Calling

You can also communicate between the main and wireless monitors. By installing optional additional wireless monitors, you can communicate from room to room.



Inside and Out

Optional Accessories

Repeater
[VL-FANTBX]
—Option—



Wireless Monitor
[VL-W600BX] —Option—



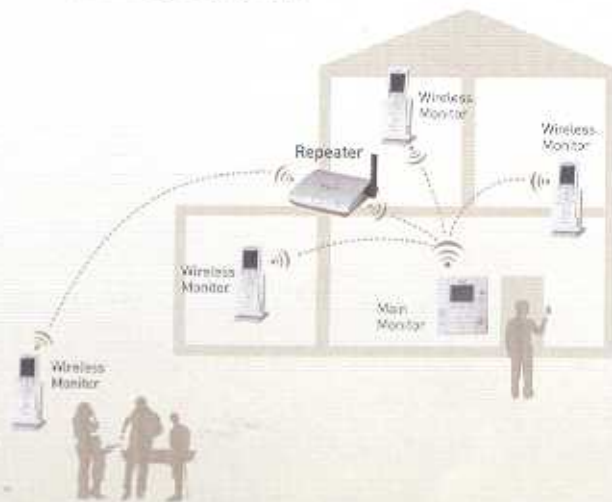
Wireless Monitor
[VL-W600BX] —Option—

Repeater



A repeater can be used to extend the wireless coverage area and increase convenience.


Monitor easily from virtually anywhere Expandable System

By adding on up to three wireless monitors, you can answer the door from just about anywhere in the house. You can even expand the coverage area further by using a repeater. This is ideal for large homes, homes with detached buildings, or for use in the yard or garden.



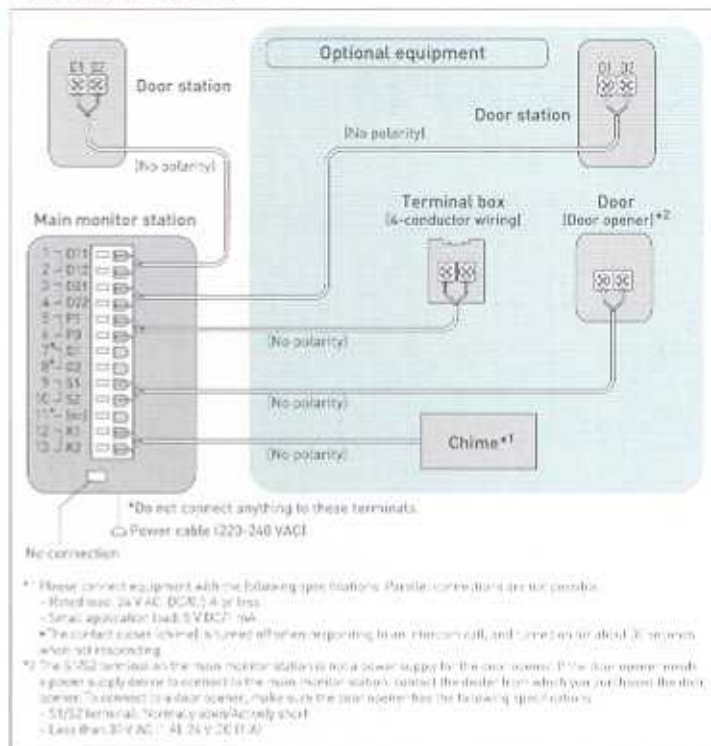
Specifications

Model No.	VL-MW102BX	VL-WA00BX
Main Features	Main Monitor	Wireless Monitor
Design		
System Configuration	Up to 2 door stations, 4 wireless monitors, 2 repeaters	—
LCD Size	3.5"	1.8"
Communication	Hands-free or press-to-talk	
Answer by Voice	Yes	
Ringer Tone	Yes (3)	
Ringer Volume	3 steps (1-3)	
Receiver Volume	3 steps (1-3)	
Intercom (Monitor to Monitor)	Main monitor to all/ each wireless monitor	Wireless monitor to all/ each monitor
Voice Change	Yes	
Door Key	Yes	You can open the door lock from wireless monitor
Picture Recording	UP to 100 pictures in main monitor	You can check the pictures from the wireless monitor
Video Output	NTSC	—
Extra Indicator Output	Yes	—
Repeater	Yes (Up to 2 sets)	Yes
Frequency	2.402 GHz - 2.481 GHz	
Indication Time of Video Monitor	—	
- Outside Call (Calling)	Approx. 30 seconds	
- Monitoring	Approx. 90 seconds	
- Outside Call (Talking)	Approx. 90 seconds	
- Recording Picture (Locking)	Approx. 100 pictures	
Brightness	5 steps	
Talk Time	—	Approx. 2.5 hours
Stand-by Time	—	Approx. 200 hours
Power Consumption (Stand-by)	Approx. 0.02 A	—
Power Consumption (Operating)	Approx. 0.15 A	—
Material	Flame retardant ABS resin, Ionomer acrylic resin	ABS resin
Power Supply	220 - 240 V AC, 50 Hz	Ni-MH battery (3.6 V DC / 650 mAh)
Operating Environment	0 °C to 40 °C, Up to 90 % RH (relative humidity, non-condensing)	
Weight	Approx. 760 g	Approx. 175 g
Dimensions (W x D x H)	165 x 41.5 x 188 mm	52 x 35 x 157 mm
Length of Cable	30 m (CAT 3 Cable)	—
Main Monitor to Door Station	100 m (22 AWG Cable to 0.65 l)	—
External Material	—	ABS resin
Power Supply	—	100 - 240 V AC, 50/60 Hz
Operating Environment	—	0 °C to 40 °C, up to 90 % RH (relative humidity, non-condensing)
Weight	—	Approx. 115 g (including the stand)
Dimensions (W x D x H)	—	Approx. 75 x 93 x 115 mm (using with the stand) Approx. 76 x 48 x 105 mm (using without the stand)

Model No.	VL-GC001BX-S
Main Features	Door Station
Design	
Colour	Silver
Material	Aluminium
Viewing Area	Yes
- Horizontal (50 cm from Camera)	Approx. left & right 56 cm (53") → angle change 65 cm
- Vertical (50 cm from Camera)	Approx. up direction 43 cm (145")
Angle Adjustment	Left & right
Lighted Key	Blue light
Camera Device	CCD (250k pixels)
Minimum Brightness	Approx. 1 lux / 50 cm from camera
Lighting Method	Infrared rays LED
Splash Resistant	Yes
Power Supply	From monitor
Operating Environment	-10 °C to 50 °C, Up to 90 % RH (relative humidity, non-condensing)
Weight	Approx. 330 g
Dimensions (W x D x H)	Approx. 90 x 25 x 145 mm

Model No.	VL-FAN1BX
Main Features	Repeater
Design	
Current Consumption	Stand-by: approx. 0.05 A During operation: approx. 0.08 A
Frequency	2.402 GHz - 2.481 GHz
Power Supply	100 - 240 V AC, 50 Hz
Operating Environment	0 °C to 40 °C, Up to 90 % RH (relative humidity, non-condensing)
Weight	Approx. 85 g
Dimensions (W x D x H)	Approx. 101 x 82 x 27 mm

Wiring Diagram



Parts Names

Main Monitor

- Monitor display
- [DOOR KEY] button
Allows you to open the door when a door opener built separately is connected to the main monitor station.
- Speaker
- [OFF] button
Press when pages are finished using the scroll.
Press during standby to return the information display.
- Talking indicator
Lights up while you are talking.
- TALK indicator
Flashes while the door station or wireless monitor station is calling. Lights continuously during a call.
- [TALK] button
Press to answer a call and/or speak to a visitor.
- Microphone
- [VIDEO OUTPUT] jack
(Supports the NTSC standard.)
Connector.
Do not connect anything here.
- [PAGE] button
Press to page the wireless monitor station.
- [BRIGHT/SET] button
Press to adjust the brightness of displayed images.
- [CAMERA] button
Press to monitor the sound and image taken by the camera.
- [DOOR] button
Press to monitor the sound and image taken by the door station.

Door Station

- Microphone
- Call button
The call button is lit up with a blue LED lamp when the power is on.
When a visitor presses the call button, a ringer tone will ring at the main monitor station and the wireless monitor station.
- Speaker
- Water drain hole
This hole allows for water to drain. Do not cover it.