

**AIPHONE®**

AIPHONE JV-DVF  
Hands Free Color  
Video Intercom  
Master Monitor  
Station



# AIPHONE JV-DVF Hands Free Color Video Intercom Master Monitor Station Instruction Manual

[Home](#) » [AIPHONE](#) » AIPHONE JV-DVF Hands Free Color Video Intercom Master Monitor Station Instruction Manual 

## Contents

- [1 AIPHONE JV-DVF Hands Free Color Video Intercom Master Monitor Station](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Introduction](#)
- [5 General Precautions](#)
- [6 Preparation](#)
- [7 Part names and functions](#)
- [8 Notification LED](#)
- [9 Door station](#)
- [10 Setting the date and time \(JV-1MD only\)](#)
- [11 Using the station](#)
- [12 Operation while calling or monitoring](#)
- [13 Recording \(JV-1MD only\)](#)
- [14 Monitoring the door station](#)
- [15 Troubleshooting](#)
- [16 Appendix](#)
- [17 Cleaning](#)
- [18 Specifications](#)
- [19 FCC](#)
- [20 Supplier's Declaration of Conformity](#)
- [21 Warranty](#)
- [22 Documents / Resources](#)
  - [22.1 References](#)
- [23 Related Posts](#)

# AIPHONE®



### Specifications:

- Product Name: JV-1MD (Hands-free color video intercom master monitor station)
- Product Name: JV-1FD (Hands-free color video intercom expansion monitor station)
- Product Name: JV-DV (Video door station)
- Product Name: JV-DVF (Video door station)

### Product Information

The JV-1MD is a hands-free color video intercom master monitor station designed for convenient communication and monitoring. The JV-1FD serves as an expansion monitor station, while the JV-DV and JV-DVF are video door stations for enhanced security.

### Precautions:

**It is important to follow these precautions to ensure safe and correct operation of the product:**

- Keep the unit more than 1 m (3.3') away from radio or TV sets.
- Station should be at least 20 cm (7-7/8") away from wireless devices to avoid image or sound distortion.
- When making hands-free calls, talk within 30 cm (12") from the station for clear communication.
- Consider privacy rights when installing the station and post appropriate signs or warnings.

### General Precautions:

- Aiphone is not responsible for damages resulting from product content or specifications.
- Aiphone is not responsible for damages due to malfunctions, defects, or misuse of the product.
- The product cannot be used during power outages.
- Avoid using the station near business-use wireless devices to prevent malfunction.
- The station is not intended to protect lives or property; Aiphone is not liable for serious consequences.

### Product Usage Instructions

#### System Configuration Example:

Refer to the system configuration example provided in the manual for setting up your master monitor station, expansion monitor station, and video door stations.

#### Part Names and Functions:

Understand the part names and functions of each station to effectively operate the system. Refer to the manual for

detailed information on each component's role.

#### FAQ:

#### **Q: Can the video door stations be connected to multiple master monitor stations?**

A: Yes, the video door stations can be configured to connect to multiple master monitor stations for enhanced monitoring capabilities.

- Read this manual prior to usage to ensure safe and correct operation.
- The illustrations and images used in this manual may differ from the actual product.

#### HTML manual



[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/)

#### Introduction

##### About this manual:

- In this manual, product names may be referred to as follows.

Product name	Referred to as
Hands free color video intercom master monitor station	Master monitor station
Hands free color video intercom expansion monitor station	Expansion monitor station
Video door station	Door station
Master monitor station	Monitor station
Expansion monitor station	

#### Precautions



Indicates that users may require caution (including warning / caution).



Alerts users to prohibited actions.



Restricts user actions / provides instructions.



## **WARNING**

Negligence could result in death or serious injury.



Do not disassemble or modify the station. This may result in fire or electrical shock.

- Do not insert anything into the product.

Keep the product away from flammable materials. If this happens, disconnect the AC plug or turn off the system power breaker. This may result in fire or electrical shock.

- Keep the product away from liquid.

If this happens, disconnect the AC plug or turn off the system power breaker. This may result in fire or electrical shock.

- If there is smoke, abnormal odor, abnormal sound, or if the product is damaged, immediately disconnect the AC plug or turn off the system power breaker.

This may result in fire or electrical shock.

- Do not use the power supply other than Aiphone specified. This may result in fire or malfunction.

- Insert AC plug completely and securely into the outlet. This may result in fire or electrical shock.

- Periodically check for and remove dust from the AC plug. This may result in fire. (Tracking Phenomenon)

- Do not handle the AC plug cord as follows.

- Damage to the cord
- Modify the cord
- Forcibly bend or wrench the cord
- Pull the cord
- Putting heavy objects on the cord
- Keep the cord close to heaters and other heat sources

If the cord should become damaged (exposed core wire, broken wire, etc.), please request replacement.

- Do not touch the AC plug of the station during an electrical storm. This may result in electrical shock.
- Do not plug or unplug the product with wet hands. This may result in electrical shock.

## **CAUTION**

**Negligence could result in injury to people or damage to property.**

- Do not attempt to cover, insulate, or coat the product in any way. This may result in fire or malfunction.
- Do not apply excess pressure to the LCD screen. If the screen is punctured it may result in injury.
- If the LCD is punctured, do not touch the liquid crystal inside. Inflammation could result.
  - If liquid crystal is ingested, immediately gargle with water and consult your doctor.
  - If contact should occur, flush or rinse area with water thoroughly and consult your doctor.
- Do not put your ear close to the speaker when using the product. May cause harm to the ear if a sudden loud noise is emitted.

## **General Precautions**

- Keep the unit more than 1 m (3.3') away from radio or TV set.

- Keep the station at least 20 cm (7-7/8") away from wireless devices such as wireless routers, or cordless telephones. These devices may cause the image or sound distortion.
- When making hands-free calls, talk within 30cm (12") or less from the station. If you stand too far away, it may be difficult for the other person to hear the communication.
- When installing or using the station, give consideration to the privacy rights of subjects, as it is the responsibility of the system owner to post signs or warnings in accordance with local ordinances.
- In order to prevent sensitive information stored in the station from being lost or stolen, it is the customer's responsibility to delete recorded data, when moving in, moving out, discarding, transferring, or returning the station. Refer to the relevant page of this document for information on how to clear information.  
→ Deleting a recorded image (JV-1MD only) (P.15)
- As to other 3rd party devices (such as sensor, detectors, door releases) used with this system, comply with the Specifications and Warranty conditions that the manufacturers or vendors present.
- Do not install the monitor station under direct sunlight. If it is necessary, shield the station from sunlight or the screen may be difficult to view.
- Door station is splashproof, but do not spray with high-pressure water. This may result in malfunction.

## Notice



- Aiphone is not to be held responsible for any and all damages resulting from content or specifications of this product.
- Aiphone is not to be held responsible for any and all damages resulting from malfunctions, defects, or misuse of this product.
- This product cannot be used during power outages.
- If the station is used in areas where there are business-use wireless devices such as a transceiver or mobile phones, it may cause malfunction.
- This station is not meant to protect lives or property. Aiphone is not to be held responsible for any and all resulting serious accidents, disaster accidents, or physical damage.
- It must be noted in advance that the LCD panel inevitably will have a very small portion of its picture elements always lit or not lit at all. This is not considered a station malfunction.
- The station may become slightly warm. However, this is not a malfunction.
- Hands-free calls are a method of automatically switching between the transmitter and receiver so that the louder of the two is prioritized, making it audible by the quieter of the two. If the surrounding area is loud, the call may be interrupted, making it difficult to respond.
- During communication, the voice may not come through clearly when speaking before the other party has finished talking. Communication will proceed smoothly when waiting until the other party has finished before speaking.
- The noise reduction function may determine that certain tones are noise and cut transmission of those tones. This is not a malfunction.
- This product is for wall-mounting use only. This product cannot be used on desktop.
- Warm-color lighting shining on the door station may change the tint of the image on the screen.
- If light enters the camera, the brightness of the LCD could flicker, while the subject of the camera could become darker due to the backlight. This is not a malfunction.
- The background or colors could differ from the actual image if a striped pattern or other fine pattern is displayed. This is not a malfunction.

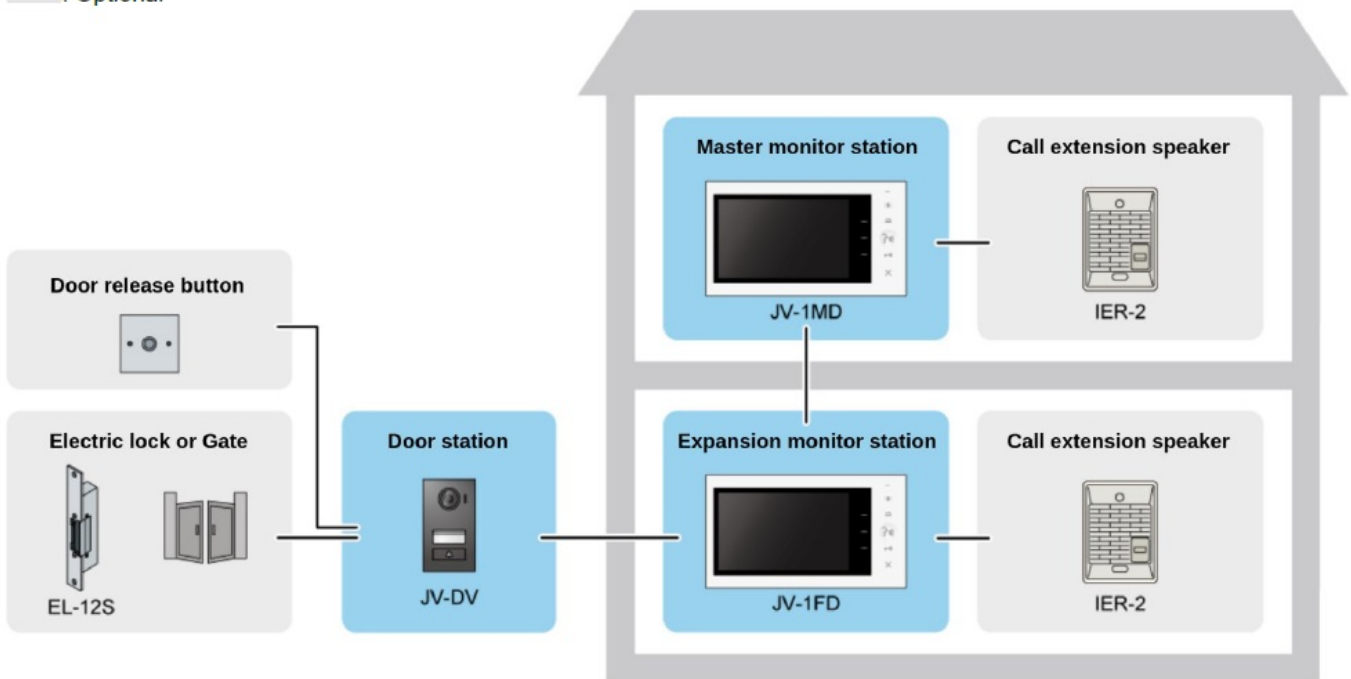
- If light from an LED light, fluorescent light, etc., enters the camera on the Video Door Station, black stripes could appear on the LCD, the screen could flicker, or the colors could change. This is not a malfunction.
- When outside temperature lowers sharply after rainfall, etc., the inside of the camera may fog up slightly, causing blurry images, but this is not a malfunction. Normal operation will be restored when moisture evaporates.
- Using a fluorescent light could periodically alter the color of the screen (color rolling). This is not a malfunction.
- Aiphone assumes no responsibility for corruption of saved information (such as changes to or deletion of saved information). Be aware of this in advance.
- Freezing conditions may affect the video quality and button functionality.
- Aiphone is not to be held responsible for any damages resulting from the information being leaked or tampered with or due to interception, unauthorized access, or other reasons along the communication path.
- Available functions and services are limited according to the specifications of the installed system.
- If there is no power for 15 minutes or more, the date and time return to default.
- The buttons on monitor stations are capacitive. The station will function when a conductive object touches a button. A large water droplet on a button may result in unexpected operation.
- At night, less light on the subject causes noise increment on monitor image. According to this noise, it may make hard to see face, but this is not malfunction.

## Preparation



### System configuration example

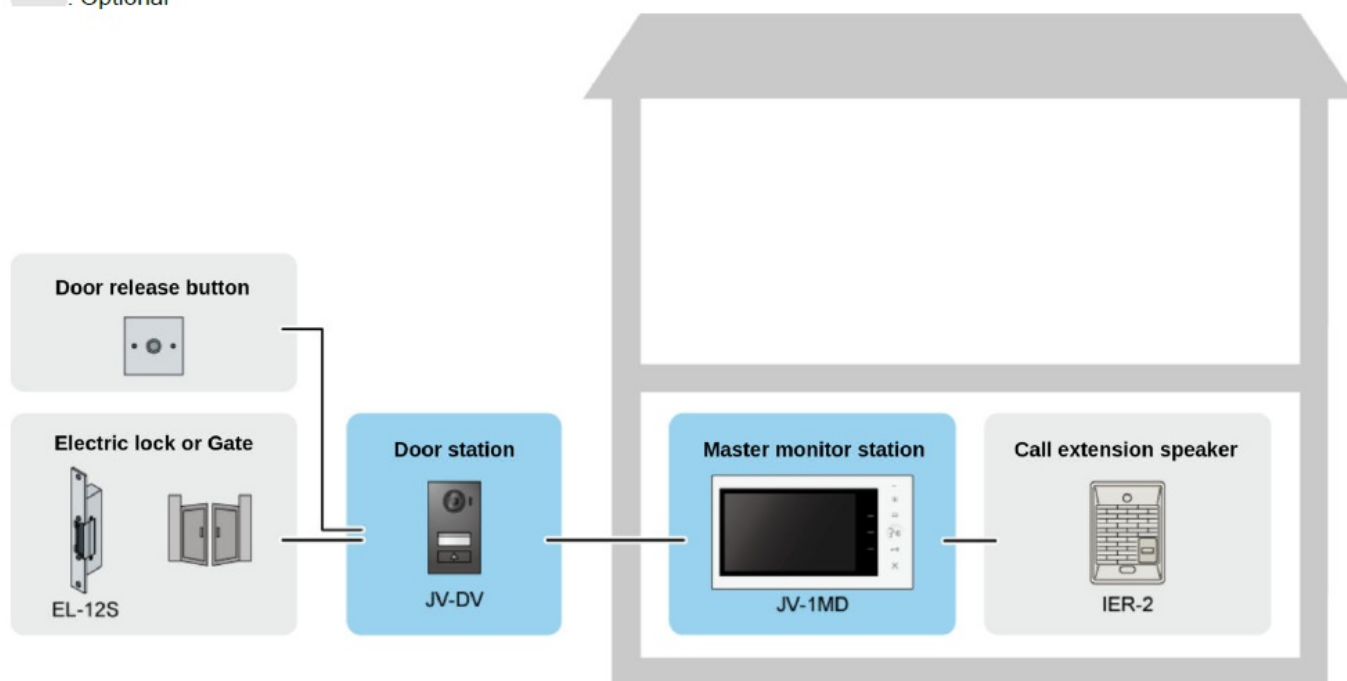
#### With an expansion monitor station

 : Included  
 : Optional



## Without an expansion monitor station

 : Included  
 : Optional



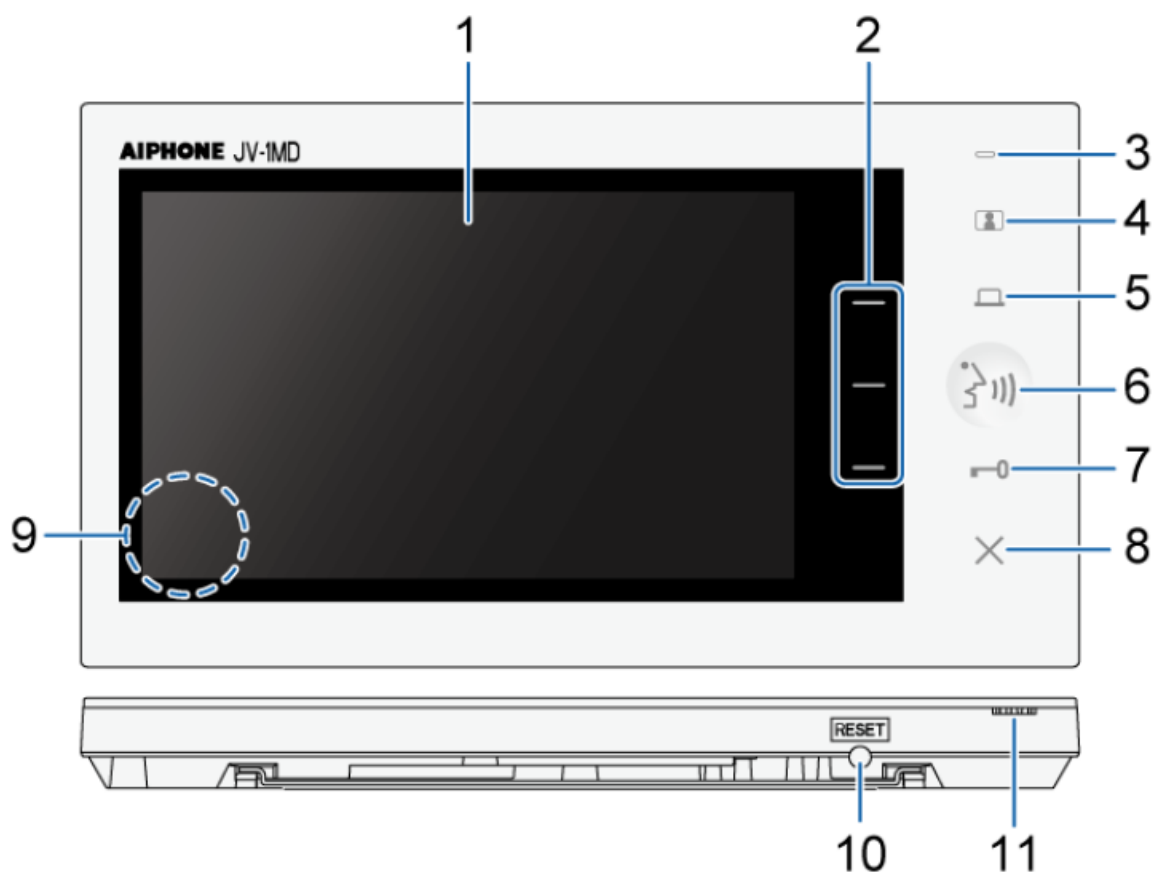
## NOTE

- The external door release button activates only electric lock which is connected to door station.

## Part names and functions

### Master monitor station/expansion monitor station

JV-1MD master monitor station shown for illustration. JV-1FD expansion monitor station has the same features and controls.



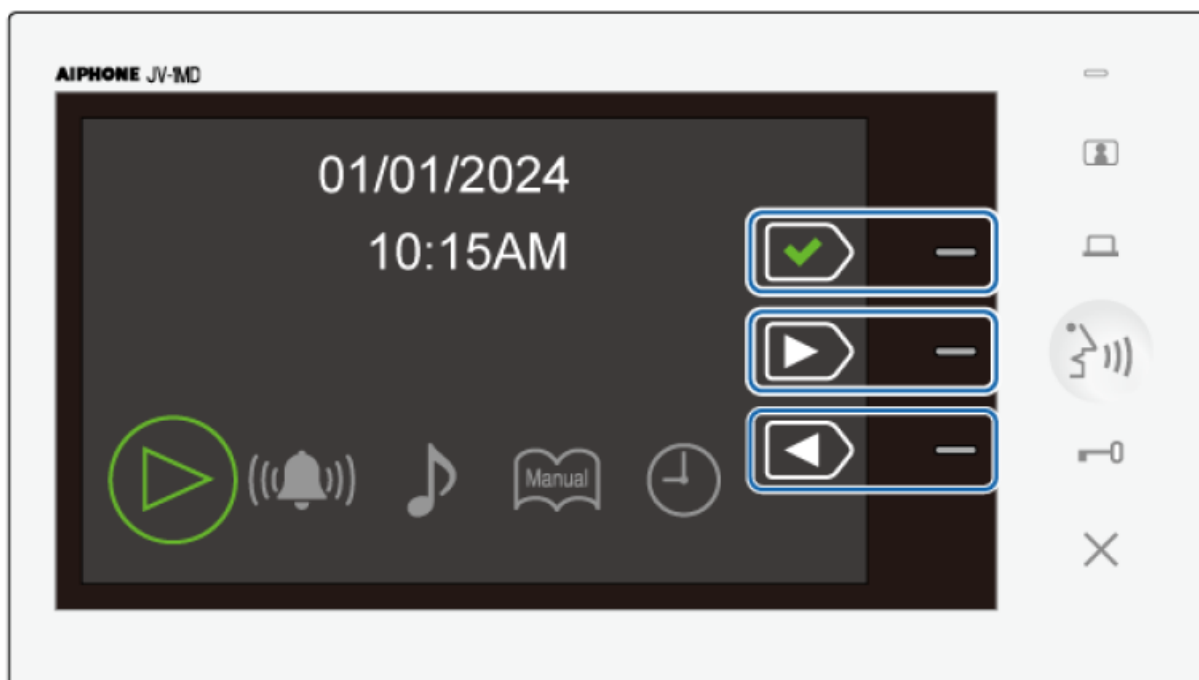


No.	Item	Description
1	Color LCD screen	Color LCD screen doesn't have touch interface. Remove the protective film before use.
2	Function buttons	<ul style="list-style-type: none"> <li>• Tap the corresponding function button to execute a function displayed on the right side of the screen. → <a href="#">Function buttons (P.8)</a></li> <li>• Tap any function button in standby mode to display the settings menu.</li> </ul>
3	Notification LED (blue)	Indicates the current status of the station. → <a href="#">Notification LED (P.8)</a>
4	Monitor button	Tap the monitor button to monitor the outside of the door. → <a href="#">Monitoring the door station (P.15)</a>
5	Option button	Tap the option button to activate a connected external unit. → <a href="#">Activating an external unit (P.13)</a>
6	Talk button	Tap the talk button to start communication. → <a href="#">Answering a call (P.11)</a>
7	Door release button	Tap the door release button to unlock the electric lock at the door station. → <a href="#">Releasing the door (P.13)</a>
8	End button	Tap the end button to exit the current operation and enter standby mode.
9	Speaker	The speaker is on the back side of the station.
10	RESET switch	Push the RESET switch to reboot the station when it is not responding. Even if you reboot the station, the settings and recorded image are retained.
11	Microphone	Do not block the microphone with stickers or tape. Otherwise, communication may not be possible.

### Function buttons






Tap the corresponding function button to execute a function displayed on the right side of the screen.

**Example:** Setting menu



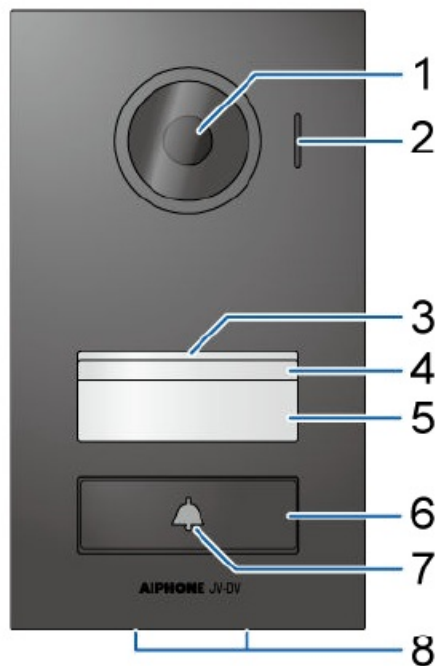
- The functions displayed on the screen change in accordance with the status of the station.

## Notification LED

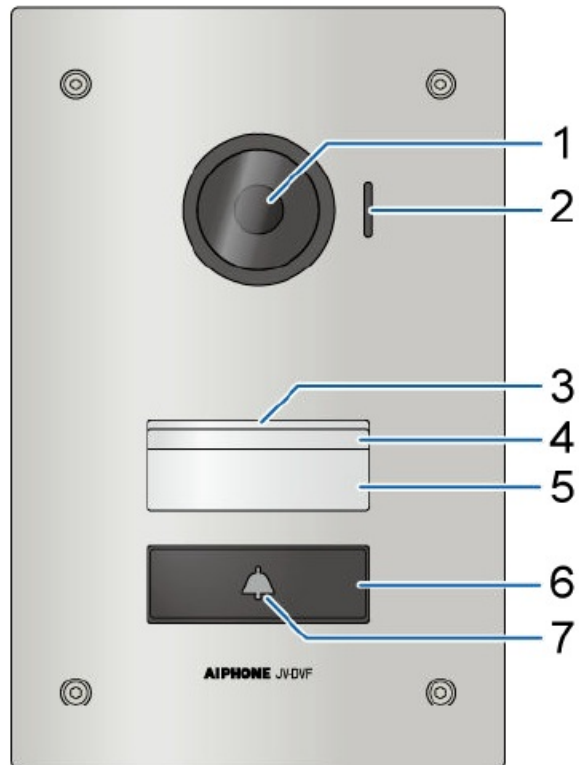
LED		Description
Blue light	On	<ul style="list-style-type: none"> <li>Blue LED is lighting during startup.</li> <li>Blue LED is lighting when the ringtone volume is set to "0".</li> <li>Blue LED is lighting when talk direction is monitor station to door station.</li> </ul>
Blue flashing	On (0.25 sec.)  Off (0.25 sec.)	JV-1MD: When a short circuit is detected in the door station wiring or the expansion monitor station wiring.  JV-1FD: When a short circuit is detected in the door station wiring.
	On (0.5 sec.)  Off (0.5 sec.) The LED turns off after flashing 3 times.	<ul style="list-style-type: none"> <li>Blue LED is flashing when you tap  to unlock the electric lock.</li> <li>Blue LED is flashing when you tap  to activate the external unit.</li> </ul>
	On (1 sec.)  Off (1 sec.)	<ul style="list-style-type: none"> <li>There are some unconfirmed images (new images). (JV-1 MD only)</li> <li>The visitor is speaking during press-to-talk communication.</li> </ul>

## Door station

JV-DV



JV-DVF



No.	Item	Description
1	Camera	—
2	Microphone	Do not block the microphone with stickers or tape. Otherwise, communication may not be possible.
3	Speaker hole	—
4	White light LED	<p>The white light LED is always lit while the power is on. When the door station detects dark conditions, the light automatically brightens. These conditions include:</p> <ul style="list-style-type: none"> <li>• The call button is pressed.</li> <li>• While an image at the door station is displayed on the monitor station.</li> <li>• When an electric lock is unlocked by this system.</li> </ul> <p>However, it may not become brighter depending on local conditions since day and night automatically detected by the door station.</p>
5	Nameplate cover	Do not put a sticker over the nameplate cover. This will decrease the LED's illumination.
6	Call button	—
7	Bell icon (white)	The backlight is always lit while the power is on.
8	Drainage holes	Holes for discharging rain water from inside the station.

### Setting the date and time (JV-1MD only)

When the station is powered up for the first time, set the current date and time.  
This function may not be available depending on the installation facilities.

The date and time is used for the recording date and time.



#### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603861/110603865.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603861/110603865.mp4)



#### NOTE

- If there is no power supply for 15 minutes or more, the date and time will return to default.
- A maximum of approx. 80 seconds time gain/loss can occur in the displayed time over a month. It is recommended to correct the time periodically.

## Using the station

### Answering a call

When a call is received from the door station, the ringtone sounds and the video at the door station is displayed.

#### Instruction video


[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603869/110603873.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603869/110603873.mp4)



#### NOTE

- If no buttons are pressed, the screen will time out approximately 45 seconds after the call is received.
- Talk duration is max approx. 60 seconds.
- Speaking simultaneously at the monitor station and door station may cause intermittent audio.
- When the ambient noise is loud enough to interrupt the audio, the press-to-talk method is recommended. → Using press-to-talk (for areas with high ambient noise) (P.12)
- The ringtone also sounds from the call extension speaker.

## About the expansion monitor station

- If one monitor station answered a call, the image is also displayed on the other monitor station for approx. 45 seconds.
- Pushing the  on one monitor station while the other monitor station is communicating with the door station results in three-way communication.
- The master monitor station and the expansion monitor station cannot directly call or communicate with each other.

## Operation while calling or monitoring

### Adjusting screen brightness

#### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603877/110603881.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603877/110603881.mp4)



#### NOTE

- The default value is 3, with a minimum of 1 and a maximum of 5.

### Adjusting receiving volume

The receiving volume can be adjusted while in communication.

#### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603884/110603890.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603884/110603890.mp4)



#### NOTE

- The default value is 2, with a minimum of 1 and a maximum of 3.

#### Using press-to-talk (for areas with high ambient noise)

Press-to-talk is a method of communication which gives the user manual control of incoming and outgoing volume. Press-to-talk is recommended in loud or noisy environments.

#### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603892/110603898.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603892/110603898.mp4)



#### NOTE

- Press-to-talk is cancelled when the communication ends.
- It cannot be set as the default communication mode.

#### Releasing the door

Available only when an electric door lock is installed at the door and connected to the station.

#### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603900/110603902.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603900/110603902.mp4)



#### Activating an external unit

Available only when an external unit, such as a garage door, is connected to the station.

#### Instruction video


[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603905/110603908.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603905/110603908.mp4)



### Recording (JV-1MD only)

#### Recording a still image (JV-1MD only)

The station automatically records a still image at the door station after receiving a call.

- This function may not be available depending on the installation facilities.
-  is shown while an image is recording.



#### NOTE

- Images are saved in the built-in memory of the station.
- Up to 30 images (1 image per recording) can be saved in the built-in memory.
- When the number of images reaches the maximum, the oldest image will be deleted.

#### Viewing a recorded image (JV-1MD only)

Select  in the setting menu. The most recent image is displayed.

This function is not available if the station does not have a recording function.



### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603912/110603913.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603912/110603913.mp4)



### NOTE

- When you display an image, you can confirm the following information:
  - Unconfirmed image (indicated by ●)
  - Date and time of recording (“-/-/— -:—” is shown when date and time are not set.)
  - Currently-selected image number/total number of the recorded images
- When there are some unconfirmed images, the station will inform you with the following indicators:
  - Setting menu icon: ▷ changes to ▷●. (When you display any new image, ▷● will return to ▷.)
  - Notification LED: Flashes slowly. (When you display even 1 new image, the LED will turn off.)

### Deleting a recorded image (JV-1MD only)

This function is not available if the station does not have a recording function.

Select ▷ in the setting menu. Deleted images cannot be recovered.

### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603942/110603943.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603942/110603943.mp4)



### NOTE

- To cancel deleting, select ↶.

### Monitoring the door station



When a noise is heard outside, you can monitor the video and sound outside the door.  
Audio from the monitoring station is muted.

Instruction video



[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603955/110603964.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603955/110603964.mp4)



## NOTE

- Available functions during monitoring
  - Talk (Tap  .)
  - Adjusting the screen brightness → Adjusting screen brightness (P.12)
  - Adjusting the receiving volume → Adjusting receiving volume (P.12)
- To end monitoring, tap  again.
- Monitoring ends automatically after approx. 60 seconds.
- Ambient noise may be louder during monitoring than while communicating.

## About the expansion monitor station

- If both monitor stations are monitoring the door station and the  is pressed on one monitor station, the other monitor station will continue to hear the communication.
- Tapping  of one monitor station while the other monitor station is communicating with the door station will display video and allow communication to be monitored.

## Setting menu

Tap any function button in standby mode to display the settings menu. The video explains how to adjust the ringtone volume as an example.

## Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603968/110603970.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603968/110603970.mp4)








NOTE

Any unfinished setting changes will be lost in the following cases.

- The station enters standby mode after approx. 60 seconds of no operation.
- An incoming call is received.

Menu list

Icon	Description	Settings
 (JV-1MD only)*	Displays the recorded image. → <a href="#">Viewing a recorded image (JV-1MD only) (P.14)</a>	—
	Adjusts the incoming ringtone volume.	0
	When incoming ringtone volume is 0 (mute), notification LED lights during standby.	1
		2 (Default)
		3
	Sets the incoming ringtone.	♪1 (Default) ♪2 ♪3
	Displays the 2D code to access the operation manual.	—
 (JV-1MD only)*	Sets the current date. → <a href="#">Setting the date and time (JV-1MD only) (P.10)</a>	01/01/2000 – 31/12/2099 (Default: 01/01/2024)
	Sets the display format of time.	24H (Default) AM PM
	Sets the current time.	00:00 – 23:59 (Default: 00:00)
	Sets the display format of date.	DD/MM/YYYY (Default) MM/DD/YYYY YYYY/MM/DD

\* This function may not be available depending on the installation facilities.

Troubleshooting



If issues occur with the station, refer to the following troubleshooting procedures. For further help and assistance, contact your installer or service technician.

LED


- Problem: The notification LED is on during standby.
- Cause: The ringtone volume is set to “0”.

- Solution: Adjust the ringtone volume. → Menu list (P.16)
- Problem: The notification LED flashes slowly during standby.
- Cause: There are unconfirmed images.
- Solution: The LED will turn off when you display at least 1 image. → Viewing a recorded image (JV-1MD only) (P.14)
- Problem: The notification LED flashes fast.
- Cause: JV-1MD: A short circuit is detected in the door station wiring or the expansion monitor station wiring.
- JV-1FD: A short circuit is detected in the door station wiring.
- Solution: Contact your installer or service technician.

## Screen

- Problem: The screen is black.
- Cause: The monitor is off in standby mode.
- Solution:
  - To communicate with the door station, tap .
  - To monitor the outside of the door, tap . → Monitoring the door station (P.15)
  - To display the setting menu, tap any of the function buttons. → Setting menu (P.16)
- Problem: The screen is black, and the station does not respond to touch.
- Cause: The power may be off.
- Solution: Contact your installer or service technician.
- Problem: The screen is white or displaying white vertical lines or rings.
- Cause: The lens of the door station is in direct sunlight or another bright light source. (This is not a malfunction.)
- Solution: Install the door station in a location where it is not pointed at direct sunlight.

## Sound/voice

- Problem: The ringtone does not sound.
- Cause: The ringtone volume is set to “0”.
- Solution: Adjust the ringtone volume. → Menu list (P.16)
- Problem: It is difficult to hear the ringtone.
- Cause: Ambient noise may make it difficult to hear.
- Solution: Adjust the ringtone volume. → Menu list (P.16)
- Problem: It is difficult to hear the speaker.
- Cause: Ambient noise may make it difficult to hear.
- Solution: Adjust the receiving volume. → Adjusting receiving volume (P.12)
- Problem: Communication is interrupted, or it becomes a one-way conversation.
- Cause: Because of auto-voice actuation, audio may be interrupted when there is loud ambient noise.
- Solution: Enable the press-to-talk method. → Using press-to-talk (for areas with high ambient noise) (P.12)
- Problem: The visitor cannot hear resident’s voice at all (but the resident can hear the visitor’s voice).
- Cause: The press-to-talk is selected.
- Solution: When using press-to-talk, the visitor can only hear incoming audio if the user taps . → Using press-

to-talk (for areas with high ambient noise) (P.12)

- Problem: Communication cannot be heard even if the talk button is tapped.
- Cause: The receiving volume is low.
- Solution: Adjust the receiving volume. → Adjusting receiving volume (P.12)

## Appendix

### Replacing the nameplate

#### Instruction video (JV-DV)

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603980/110603984.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603980/110603984.mp4)

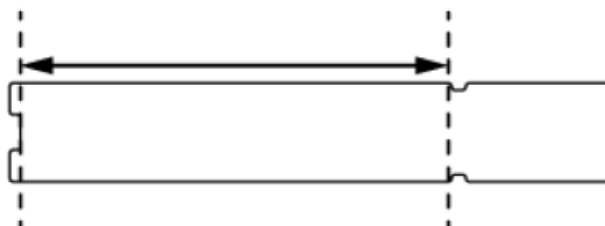


#### Instruction video (JV-DVF)

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603980/110603982.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603980/110603982.mp4)



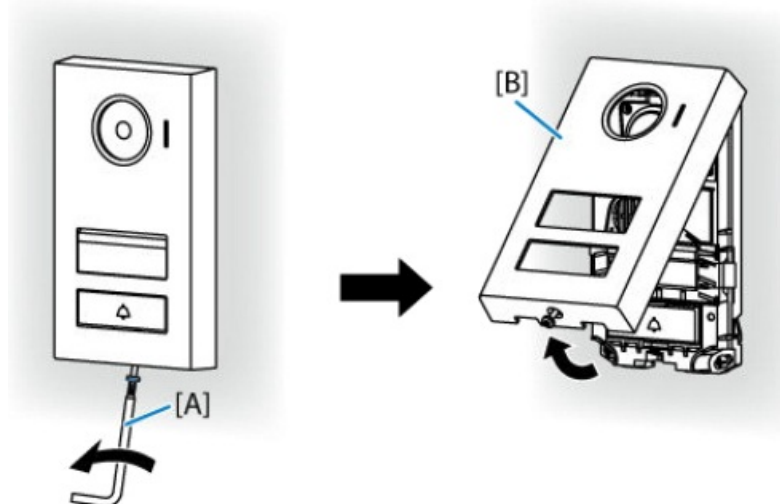
1. Peel off the protective seal of a new nameplate (both sides).
2. Fill in the resident's name.
  - Use a permanent marker.
  - Keep the text within the dashed line.



3. Remove the front panel.

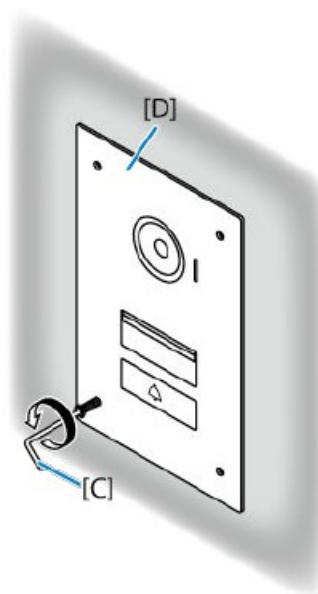
**JV-DV:**

Loosen the special screw with the included special screwdriver [A], and remove the front panel [B].



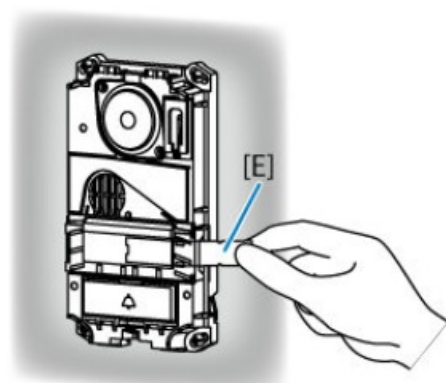
**JV-DVF:**

Loosen the special screws (×4) with the included hexagonal wrench [C], and remove the front panel [D].

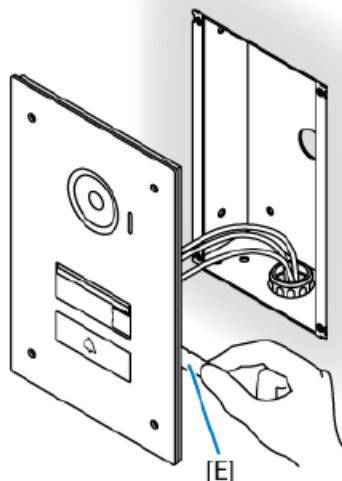


4. Pull out the nameplate [E].

**JV-DV:**



**JV-DVF:**



5. Insert the filled-in nameplate.
6. Install the front panel in the opposite order of removal.

## Cleaning

### Cleaning the station

Gently wipe using a soft, dry cloth. For tough stains, use a lightly damp cloth and neutral detergent diluted in water. The screen surface can easily be scratched. Gently wipe with an eyeglass cleaner cloth or similar material. To disinfect the station, gently wipe the surface of the station with a soft cloth dampened with diluted disinfectant solution. Then wipe with a wet soft cloth wrung out tightly to remove the disinfectant.

### CAUTION

- Do not use chemicals such as thinner or benzine. In addition, do not use a scrub brush, sandpaper, etc. The station surface could be damaged or discolored.
- Do not spray the disinfectant directly onto the station. This may result in malfunction.

### Cleaning the inside of the nameplate cover (JV-DV only)

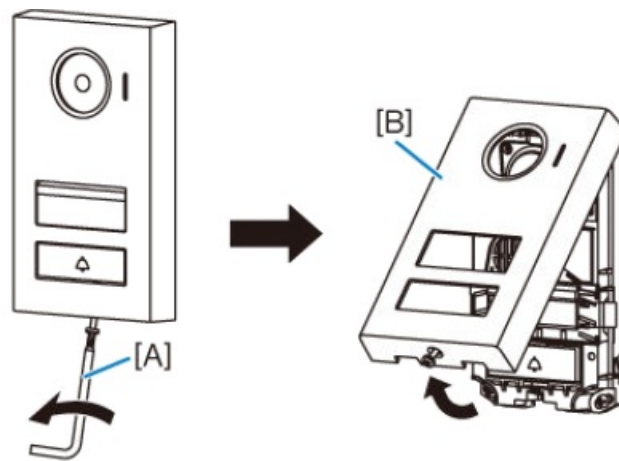
#### Instruction video

[https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD\\_OP/JV-1MD\\_OP\\_EN/content/attachments/110603990/110603991.mp4](https://www.aip-info.net/file/manual/j/JV-1MD/JV-1MD_OP/JV-1MD_OP_EN/content/attachments/110603990/110603991.mp4)

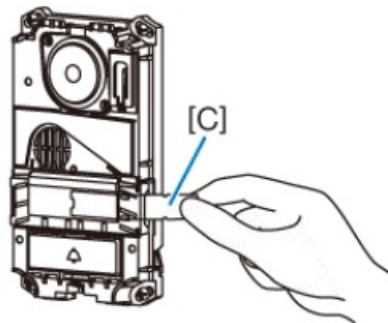


#### 1. Remove the front panel.

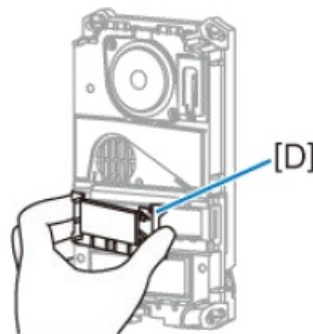
Loosen the special screw with the included special screwdriver [A], and remove the front panel [B].



2. Pull out the nameplate [A].



3. Remove the nameplate cover [D].



### **ATTENTION**

- Do not put a sticker over the nameplate cover. Otherwise the LED illumination for the nighttime is decreased.
  - Do not remove the packing. If the packing is not installed properly, water may enter the nameplate cover.
4. Gently wipe the inside of the nameplate cover using a soft, dry cloth.  
For tough stains, use a lightly damp cloth and neutral detergent diluted in water.
5. Insert the nameplate.
6. Install the front panel in the opposite order of removal.

## Specifications

**Master monitor station/expansion monitor station**



<b>Model name</b>		JV-1MD, JV-1FD
<b>Power supply</b>		24 V DC
<b>Power consumption</b>	<b>JV-1MD</b>	Standby 100 mA Max. 780 mA
	<b>JV-1FD</b>	Standby 165 mA Max. 1,100 mA
<b>Communication</b>		Auto-voice actuation / Press-to-talk
<b>Screen</b>		7 inch TFT LCD screen
<b>Ambient temperature</b>		0 – 40 °C (32 °F – 104 °F)
<b>Material</b>		Flame retardant resin
<b>Color</b>		White
<b>Dimensions (H×W×D)</b>		130 × 230 × 21 (mm) 5-1/8 × 9-1/16 × 13/16 (inches)
<b>Weight</b>	<b>JV-1MD</b>	Approx. 530 g (1.17 lbs.) (including mounting bracket)
	<b>JV-1FD</b>	Approx. 530 g (1.17 lbs.) (including mounting bracket)

## Door station

<b>Model name</b>		JV-DV, JV-DVF
<b>Minimum illumination</b>		Approx. 5 lx
<b>Ambient temperature</b>		-20 – +60 °C (-4 °F – + 140 °F)
<b>Material</b>	<b>JV-DV</b>	Main unit: Flame retardant resin Front panel: Die-cast aluminum
	<b>JV-DVF</b>	Main unit: Flame retardant resin Front panel: Stainless steel
<b>Color</b>	<b>JV-DV</b>	Gunmetal silver
	<b>JV-DVF</b>	Silver Stainless steel with hairline finishing
<b>Dimensions (H×W×D)</b>	<b>JV-DV</b>	170 × 97 × 23.7 (mm) 6-11/16 × 3-13/16 × 15/16 (inches)
	<b>JV-DVF</b>	209 × 135 × 2 (mm) (exposed part only) 8-1/4 × 5-5/16 × 1/16 (inches) (exposed part only)
<b>Weight</b>	<b>JV-DV</b>	Approx. 320 g (0.71 lbs.)
	<b>JV-DVF</b>	Approx. 570 g (1.26 lbs.), Approx. 440 g (0.98 lbs.) (Flush mount back box)
<b>Remarks</b>		IP54, IK08

The specifications, design and other details described in this manual are subject to change without notice for improvement.

## Regulations

## **FCC**

### **FCC CAUTION**

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules.

### **Operation is subject to the following two conditions:**

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

### **Supplier's Declaration of Conformity**

#### **47CFR §2.1077 Compliance Information**

##### **Unique Identifier:**

- Trade Name : AIPHONE
- Model : JV-1MD, JV-1FD, JV-DV, JV-DVF

##### **Responsible Party – U.S. Contact Information**

- Company Name : AIPHONE CORPORATION
- Location of Office : 6670 185th Ave NE, Redmond, WA, 98052, USA
- Telephone Number : [800-692-0200](tel:800-692-0200)
- Email Address : [tech@aiphone.com](mailto:tech@aiphone.com)
- Website : <https://www.aiphone.com/home>

### **FCC Compliance Statement**

This device complies with Part 15 of the FCC Rules.

### **Operation is subject to the following two conditions:**

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

## **ISED**

CAN ICES-003(B) / NMB-003(B)



## **WEEE**

This symbol indicates that this product should be disposed of separately from other household waste. By taking it to a designated collection point for recycling of waste equipment in accordance with local waste disposal legislations on your responsibility will help to prevent any negative impacts on the environment and on human health.

## **Warranty**

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of 2 years after delivery to the ultimate user and will repair free of charge or replace at no charge, should it become defective upon which examination shall disclose to be defective and under warranty. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship; and whether or not the product is within the warranty. This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, power surge, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the unit.

This warranty covers bench repairs only, and any repairs must be made at the shop or place designated in writing by Aiphone. This warranty is limited to the standard specifications listed in the operation manual. This warranty does not cover any supplementary function of a third party product that is added by users or suppliers. Please note that any damage or other issues caused by failure of function or interconnection with Aiphone products is also not covered by this warranty. Aiphone will not be responsible for any costs incurred involving on site service calls. Aiphone will not provide compensation for any loss or damage incurred by the breakdown or malfunction of its products during use, or for any consequent inconvenience or losses that may result. It is prohibited to sell, transfer, or resell Aiphone products outside of specific countries and regions. Aiphone products are designed and manufactured on the assumption that the products will be used only in specific countries or regions. Aiphone will not be responsible for any operation results when Aiphone products are used outside specific countries and regions.

## **Contact us**

### **AIPHONE CO., LTD.**

10th floor Meiji Yasuda Seimei Nagoya Building, 1-1 Shinsakae-machi, Naka-ku, Nagoya, Aichi, 460-0004, JAPAN

### **AIPHONE CORPORATION**

6670 185th Ave NE, Redmond, WA 98052, USA

+1-[425-455-0510](tel:425-455-0510)

### **AIPHONE S.A.S.**


ZAC du Bois Chaland – 6 rue des Pyrénées

Lisses 91056 Evry CEDEX, France

+33-1-6911-4600

<https://www.aiphone.net/>

## **Documents / Resources**

	<p><b><a href="#">AIPHONE JV-DVF Hands Free Color Video Intercom Master Monitor Station</a> [pdf] Instruction Manual</b></p> <p>JV-1MD, JV-1FD, JV-DV, JV-DVF, JV-DVF Hands Free Color Video Intercom Master Monitor Station, JV-DVF, Hands Free Color Video Intercom Master Monitor Station, Video Intercom Master Monitor Station, Master Monitor Station, Monitor Station</p>
--	--

References

- [🌐 Introduction](#)
- [🔌 AIPHONE | Intercom and Commercial Communication System](#)
- [📖 User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.