

AIPHONE

Hands-free
Color Video Intercom
JF Series



JF Series JF-1MD / JF-2MED

Reliable Security
Simple Functionality
Sophisticated Design

Living With *Comfort*

Home is where you live and
where you feel relaxed.

Aiphone is the choice to make you and
your family feel more secure.

Aiphone's JF Series provides you with the **convenience** of hands-free communication,
the **sophistication** of a sleek, streamline design and extra **peace of mind** to safely
identify visitors using high resolution video.



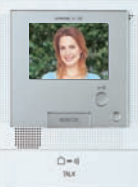
SINGLE-FAMILY HOME



OFFICE



Choose from 2 systems: the Standard System (JF-1MD) or the Enhanced System (JF-2MED) which has additional features such as **Picture Memory**, **Voice Memo**, and **Message for Entrance**.



JF-1MD



JF-2MED

Picture Memory
Voice Memo
Message for Entrance



JF-DV



JF-DVF



JF-DA



Sophisticated color monitor provides security.



The JF Series is a high performance, hands-free video intercom with a quality monitor and an amazingly slim design. It is easy to operate and requires little time to install. The JF Series offers a simple and effective security solution.

Standard System (JF-1MD) & Enhanced System (JF-2MED) Common Features

• Clear identification provided day and night

The Video Door Station automatically activates the builtin white LED illuminator in low light condition, and sends the clear color image to the 3.5 inches TFT color LCD monitor. Color identification is always available, even at night!



• Both hands-free & press-to-talk communications

When a call comes in, press the TALK button to begin a hands-free conversation. In a noisy environment, Press-to-talk mode provides a clear conversation.



• LED light indicates who is speaking

LED lights turn on when you talk and turn off as you listen.



When you talk



Visitor speaking

• 3 types of Video Door Station

Vandal Resistant Video Door Stations are available with either the JF-DV or JF-DVF.



JF-DV

Vandal resistant,
surface mount,
zinc die casting,
weather resistant



JF-DVF

Vandal resistant,
flush mount,
stainless steel,
weather resistant



JF-DA

Surface mount,
plastic,
weather resistant

*JF Series Video Door Stations are compatible with JB Series Master Stations.

• Entrance monitoring

Enables you to monitor the area around the Door Station without inside sound transmitted to the Door Station, ensuring privacy.

• Option button

Controls an external device, such as an outdoor entrance light, when using an optional connector.

Not available for JF-1SD & JF-2SD.



Standard System

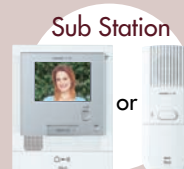
JF-1MD

Supports 1 Door Station and 1 or 2 Inside Stations

Provides a simple security solution.



The Standard System offers a simple security solution. It supports 1 Door Station and 1 or 2 Inside Stations (1 Master Station + 1 Sub Station). The Color Video Inside Station is only 27mm thick!



Boxed Sets

- **JFS-1AD :**
JF-1MD, JF-DA & power supply
- **JFS-1ADV :**
JF-1MD, JF-DV & power supply
- **JFS-1ADF :**
JF-1MD, JF-DVF & power supply



DOOR STATION



COLOR VIDEO

JF-DV

or



COLOR VIDEO

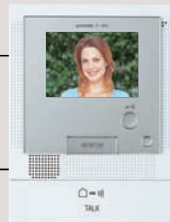
JF-DVF



COLOR VIDEO

JF-DA

INSIDE STATION

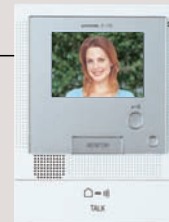


COLOR VIDEO
MASTER STATION
JF-1MD

External device
for option button

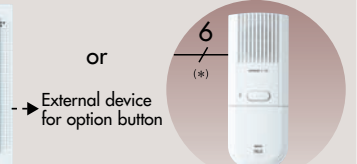


CALL EXTENSION
IER-2



COLOR VIDEO
SUB STATION
JF-1FD

or



AUDIO
SUB STATION
JF-1SD

(*) Room-to-room communication is not available.

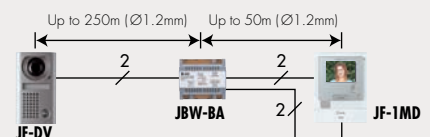
JBW-BA Long distance adaptor

- Extends wiring distance to video monitors from 100m up to 300m.



Use specified cable for JBW-BA.

- Ø1.0mm to Ø1.2mm
- Insulation: PE (polyethylene) (never PVC)



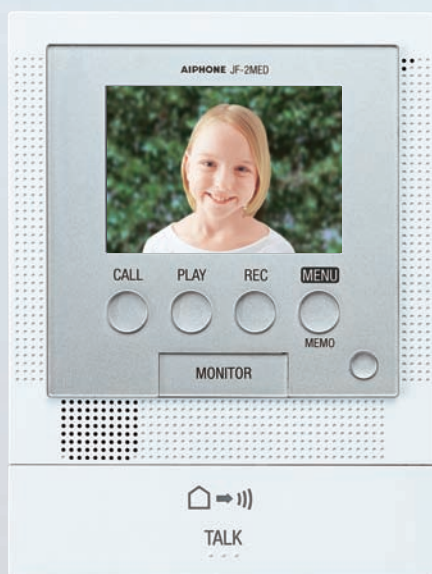
PS : Power supply PS-1820S, PS-1820UL, PS-1820, PS-1810DIN PT : AC transformer



Enhanced System JF-2MED

Supports up to **2 Door Stations** and **3 Inside Stations**

Provides additional features for added security and better communication.

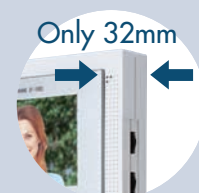


Picture Memory

Voice Memo

Message for Entrance

The Enhanced System supports up to 2 Door Stations and 3 Inside Stations with the addition of these features: Picture Memory to record visitors, Voice Memo to leave messages on the inside monitor and Message for Entrance to record a message for visitors when speaking to them is not appropriate. All these features in a monitor that's only 32mm thick!



Picture Memory is available both manually & automatically.

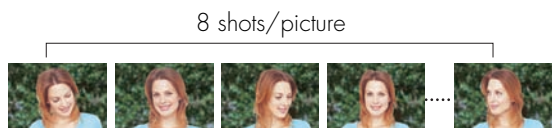
If a call is received from the Video Door Station, the unit starts recording automatically, or you can also start recording by pressing the REC button manually.



Up to 50 pictures can be recorded.

A maximum length of approx. 8 seconds (8 shots) can be recorded with 1 picture and 1 shot for each second.

Up to 10 pictures can be protected from automatic overwriting.



Record

• Automatic Recording

Works anytime - even when you are away.

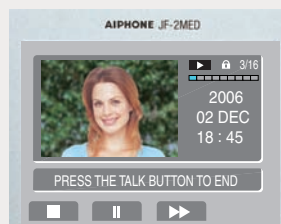
Starts recording when the CALL button on the Video Door Station is pressed.

• Manual Recording

Whenever you like!

Starts recording by pressing the REC button while monitoring or talking to the visitor.

Play



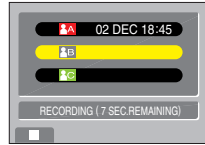
- Plays 8 shots continuously so that you can see them as a moving image. Pause and frame-by-frame play are also available.



Both the manual recording of visitors and the playback of recorded images can be controlled on Master and Sub Inside Stations.

Take advantage of the new Voice Memo feature to stay in touch with family.

Easily record and playback a short message for someone or a reminder for yourself using the Voice Memo feature.



Recording



Playing



Up to 3 Voice Memos for internal use can be recorded (maximum of approx. 15 seconds/memo).

Outgoing messages can be recorded and sent out at the Door Station.

When you cannot or do not want to use your voice to answer a visitor, or when you want to answer a visitor with a pre-recorded message, use this Message for Entrance function.

It allows you to pre-record 2 outgoing messages. After identifying a visitor, you can choose to use either your voice or the pre-recorded outgoing message to respond to the visitor.

This feature can be helpful for individuals with limited speech abilities, non-native language occupants, or any individual who would prefer not to identify themselves.



2 messages can be recorded (maximum of approx. 10 seconds/message).

> Other Features

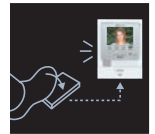
- **Select from five different display languages**
Choose from English, French, German, Spanish and Dutch.
- **Room-to-room communication**
- **Video signal (NTSC) can be output from Master Station**
- **External sensor input is available**

When an external sensor is activated, the Inside Station monitor shows a warning sign and a notification sound goes off. Also, a notification sound goes off on the Door Station 1 by setting.



- **External TALK switch connection (Footswitch)**

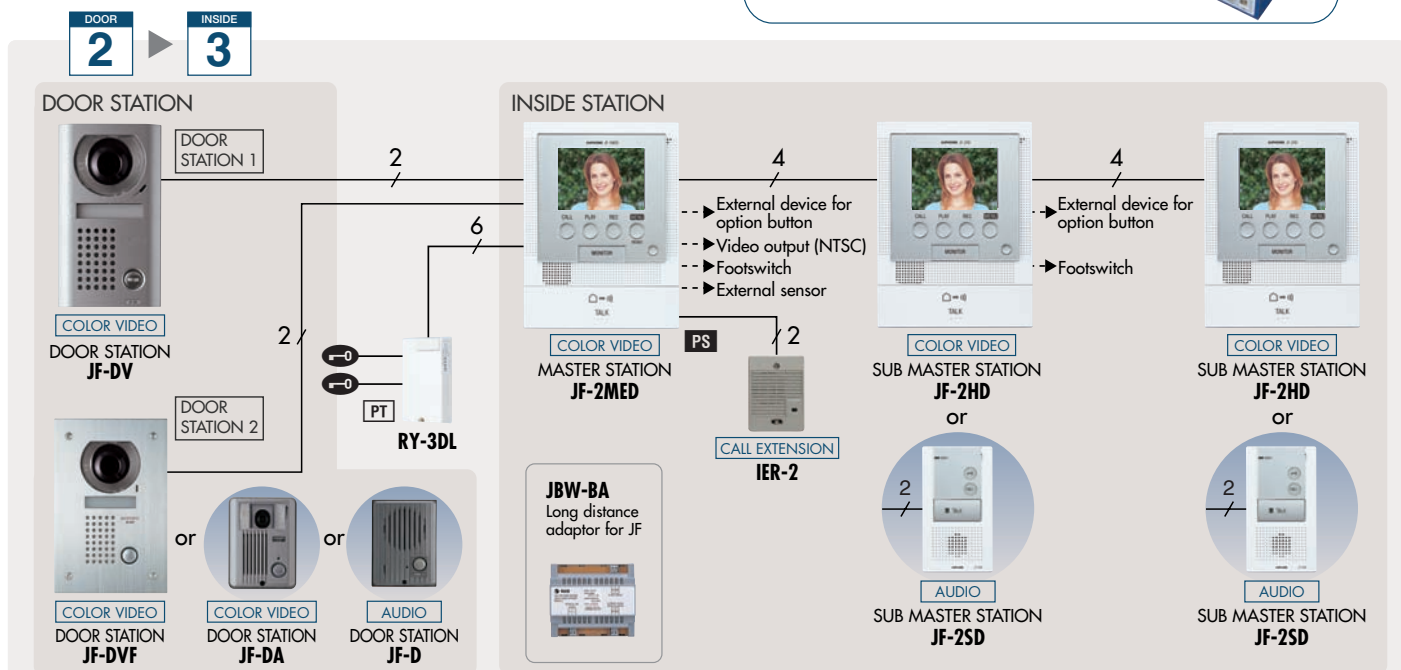
For those who experience difficulty pressing the TALK button, step on the optional footswitch to operate the TALK button.



- **Optional Audio Door Station at second entrance**

Boxed Sets

- **JFS-2AED** : JF-2MED, JF-DA & power supply
- **JFS-2AEDV** : JF-2MED, JF-DV & power supply
- **JFS-2AEDF** : JF-2MED, JF-DVF & power supply



CAMERA POSITION & IMAGE VIEW AREA

The camera angle can be adjusted to 3 levels (JF-DA only)

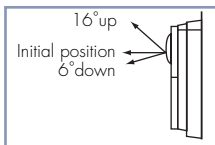
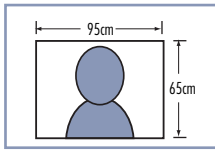
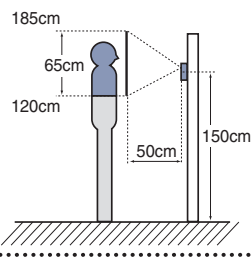


Image view area (JF-DV, JF-DVF, JF-DA)



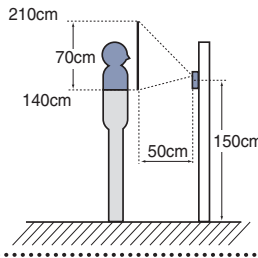
JF-DV, JF-DA, JF-DVF

Initial straight forward position



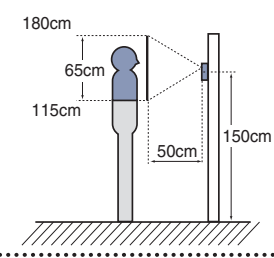
JF-DA only

16° up position

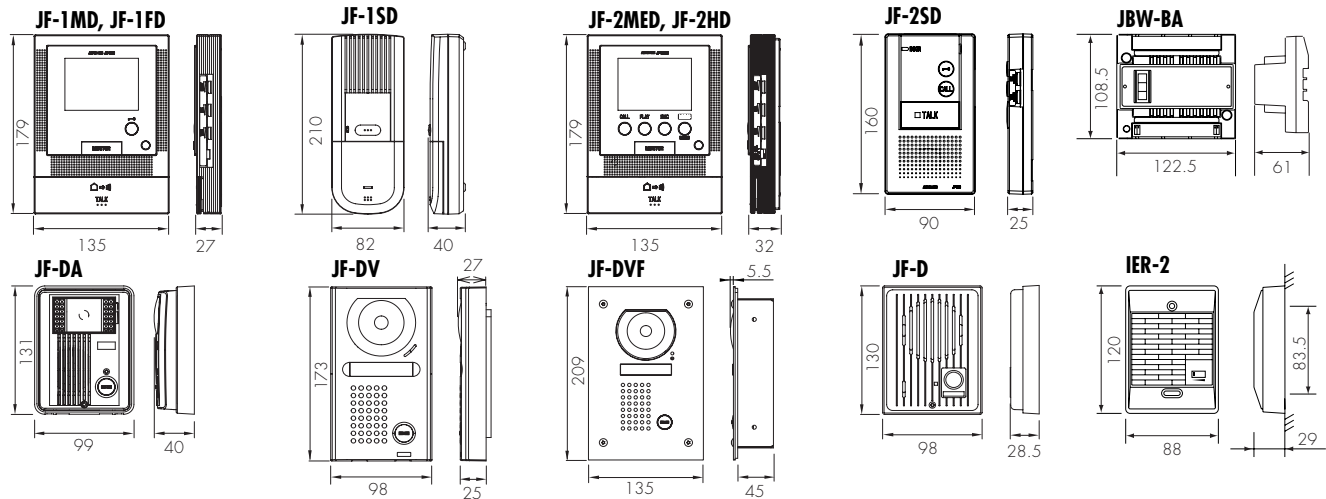


JF-DA only

6° down position



UNIT DIMENSIONS (mm)



SPECIFICATIONS

JF-1MD

Power	: 18V DC - Use PS-1820S, PS-1820UL, PS-1820, PS-1810DIN
Calling	: Chime, image and audio approx. 45 sec.
Communication	: Approx. 1 min.
	: AUTOMATIC (hands-free) - to activate, momentarily press TALK button
	: MANUAL (press-to-talk/release-to-listen) - to activate, press TALK button for 1 sec. or more
Video Monitor	: 3-1/2 inch direct view TFT color LCD
Scanning Line	: 525 lines
Minimum Illumination	: 5 Lux at 30cm distance
Night Viewing	: Up to 30cm from camera, with white LED projected, background beyond 30cm cannot be seen
Door Release Contact	: 24V AC/DC, 500mA (N/O dry closure contact)
Option Output	: 24V AC/DC, 1.6A (dry closure contact)
Wiring	: Door to master: 2-cond., mid cap, solid, non-shielded Master to sub: 6-cond., mid cap, solid, non-shielded
Distance	: Master/Sub to door: 50m (Ø0.65mm) 100m (Ø1.0mm) Master to IER-2: 75m (Ø0.65mm) 150m (Ø1.0mm)

JF-2MED

Power	: 18V DC - Use PS-1820S, PS-1820UL, PS-1820, PS-1810DIN
Calling	: Chime, image and audio approx. 45 sec.
Communication	: Approx. 1 min.
	: AUTOMATIC (hands-free) - to activate, momentarily press TALK button
	: MANUAL (press-to-talk/release-to-listen) - to activate, press TALK button for 1 sec. or more
Video Monitor	: 3-1/2 inch direct view TFT color LCD
Scanning Line	: 525 lines
Minimum Illumination	: 5 Lux at 30cm distance
Night Viewing	: Up to 30cm from camera, with white LED projected, background beyond 30cm cannot be seen
Door Release Contact	: 24V AC/DC, 500mA (N/O dry closure contact)
Option Output	: 24V AC/DC, 1.6A (dry closure contact)
External Sensor Input	: N/O dry closure contact
Wiring	: Door to master: 2-cond., mid cap, solid, non-shielded Master to sub: 4-cond., mid cap, solid, non-shielded Master to door: 50m (Ø0.65mm) 100m (Ø1.0mm) Master to farthest sub: 50m (Ø0.65mm) 100m (Ø1.0mm) Master to IER-2: 75m (Ø0.65mm) 150m (Ø1.0mm)
Distance	

WIRING & CABLE

- Two-conductors Monitor to Door Wiring
- JF-1MD: Six-conductors Master to Sub Wiring
- JF-2MED: Four-conductors Monitor to Monitor Wiring
- Recommended: Parallel or jacketed 2-conductor, mid-capacitance, non-shielded cable. PVC jacket with PE (polyethylene) insulated conductor. Never use individual conductors, twisted pair cable or coaxial cable.

Hands-free communication is activated by automatic voice switching circuitry, which may cause intermittent audio by the environmental noise level of either inside stations.

The image on the monitor is simulated.

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Providing Peace of Mind

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