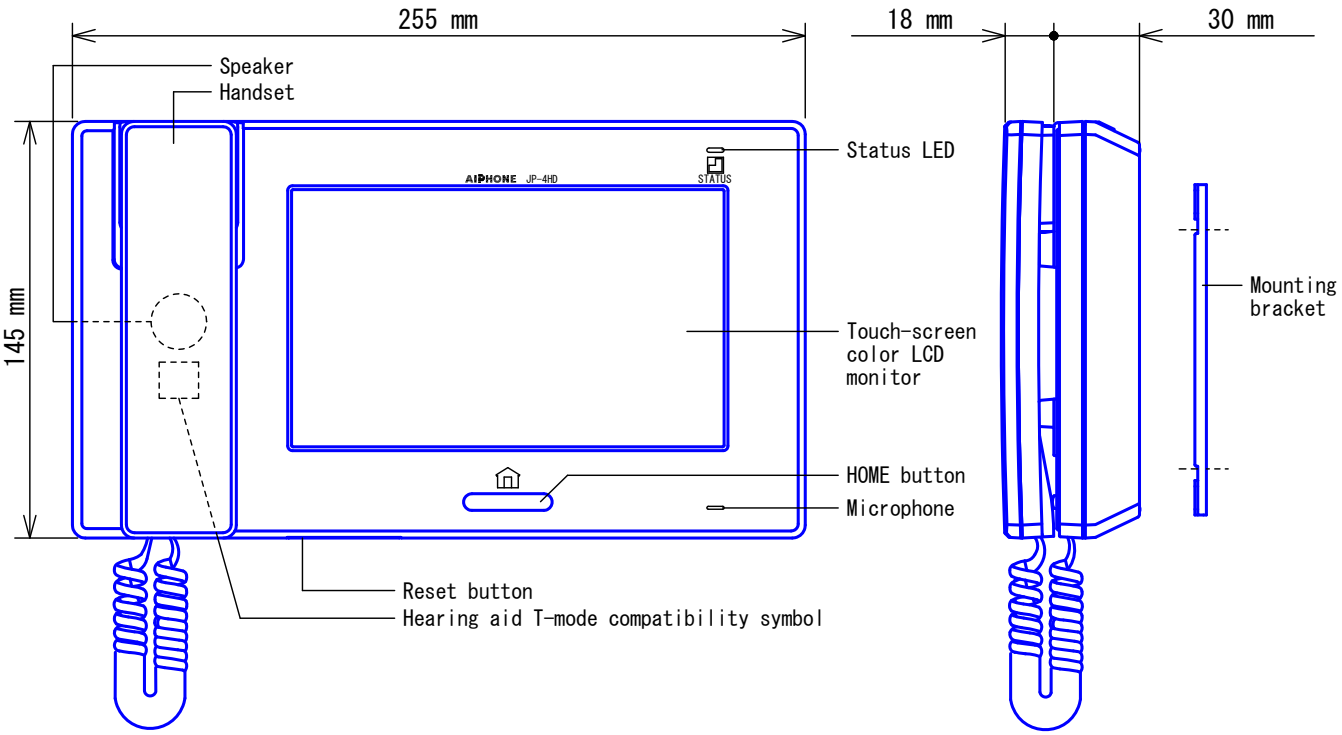
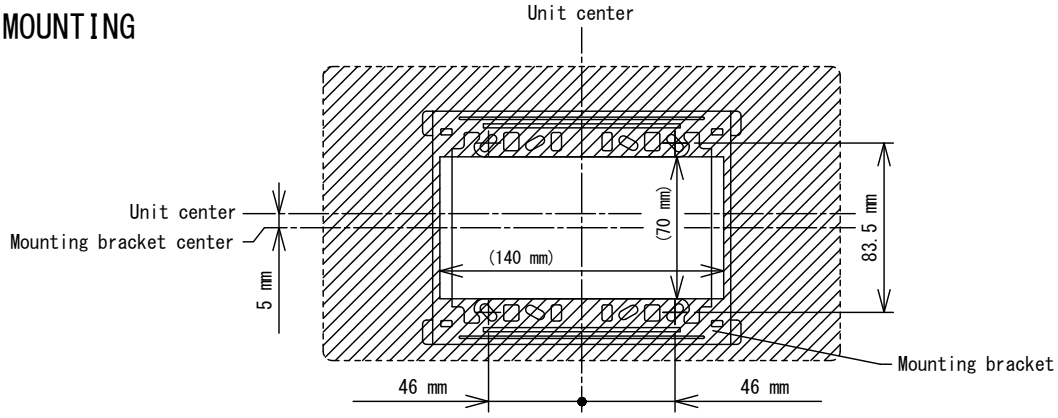
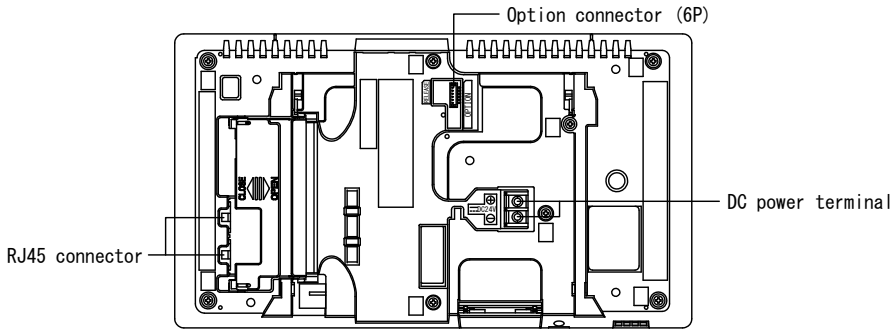
■PRODUCT DRAWING



●MOUNTING

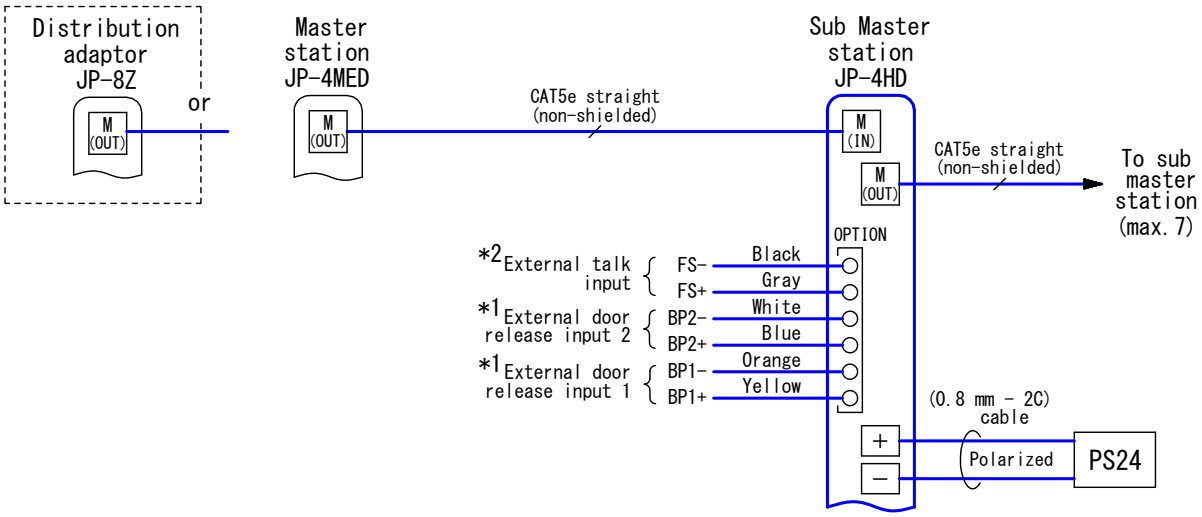


( ): Opening cut out on the wall.



DESCRIPTION	FIG. NAME		UNIT	DATE
SUB MASTER STATION	PRODUCT DRAWING		mm	6 October, 2014
MODEL NO.	FIG. NO.	PAGE	REVISION	AIPHONE
JP-4HD	59626-1-4	1/4	1	

■WIRING DIAGRAM



PS24 : 24V DC, PS-2420 power supply

PE: Polyethylene-insulated PVC-coated cable

*1. Connect a door release button to each pair of these inputs.

*2. A foot switch can be connected here.
A foot switch works just as well as touching TALK or OFF on the touch screen of this station monitor.

Input method	N/O or N/C dry closure contact (start signal only detection method)
Detection confirmation time	100mS or more
Contact resistance	During N/O dry closure: Less than 700Ω During N/C dry closure: At least 15kΩ
Terminal short current	Less than 10mA
Voltage between terminals	Less than 5V DC (when open between terminals)

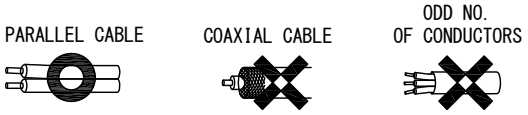
DESCRIPTION	FIG. NAME		UNIT	DATE
SUB MASTER STATION	WIRING DIAGRAM		mm	6 October, 2014
MODEL NO.	FIG. NO.	PAGE	REVISION	
JP-4HD	59626-2-4	2/4	1	AIPHONE

■RESTRICTIONS

- Due to hands-free auto-voice actuation system, smooth voice switching may be hindered by voice strength of the opponent or ambient noise, etc.

■RESTRICTIONS ON WIRING

- For wiring, it is recommended to use a single vinyl jacketed cable with PE(polyethylene) insulation. The following cables can not be used;
  - Coaxial cable
  - Individual conductors
  - Twisted pair cable
  - Cable with conductors in odd number



- Keep the intercom wires more than 30cm(12″) away from AC power lines. (It causes noise in communication and malfunction) When using the existing cable run, the system may not work properly by type. In that case, it becomes necessary to install a new cable.

■FUNCTIONS

- Calling door station, call stand-by approx. 45 or 90 sec./Communication, approx. 1 minute/ 3 minutes for handset/Ending communication by pressing OFF button.
- Communication status is steadily lit while speaking./during hands-free operation.
- Backlight compensation by pressing ADJUST button while monitor is on. (Low light compensation at night. Distinguishing between day and night is automatically done by the door station)
- ZOOM & WIDE camera control by pressing ZOOM & WIDE button while monitor is on.
- PanTilt camera control on ZOOM mode.
- Instant voice call-in with image (approx. 45 sec.)
- Room-to-room communication by pressing CALL button, communication approx. 10 min.
- Activating door strike.
- Option button: Controls external device such as entrance light

■SETTING

- Settings after the installation

Item	Sub item	Setting range
ID SETTING	–	2 – 8
INITIALIZE	–	YES/NO
SOFTWARE VERSION	–	–

- User setting

Category		Item	Sub item	Setting range
CALL		DOOR STATION SETTING *	DOOR1/DOOR2/DOOR3/DOOR4	ENABLE/DISABLE
		ROOM STATION CALL SETTINGS *	ID1/ID2/ID3/ID4/ID5/ID6/ID7/ID8 (The ID number of this station is not displayed.)	ENABLE/DISABLE
TALK		PRIVACY MODE	–	ENABLE/DISABLE
MONITOR		ROOM MONITOR	–	ENABLE/DISABLE
GENERAL	SOUND SETTING	AUDIBLE TOUCHTONE	–	ENABLE/DISABLE
GENERAL	DOOR RELEASE *	–	DOOR1/DOOR2/DOOR3/DOOR4	ENABLE/DISABLE
GENERAL	PIN SETTING	–	CURRENT PIN/NEW PIN	(Select four numbers from 0 – 9)
ADJUST		☼	–	1 – 10
		VOLUME	🔊/📞/🚪/🏠	0 (mute), 1 – 10

*. It is required to enter PIN before making this setting.

■SPECIFICATIONS

Power source	24V DC, Supplied from a power supply
Power consumption	200mA (max.)
Video monitor	7 inch TFT color LCD
Pixels	1,150,000 pixels
Type of communication	Open voice hands-free auto-voice actuation Handset: Simultaneous Communication
Ambient temperature	0～40℃
Mounting	Surface wall mount
Electrical box	3-gang box
Housing	Unit case: Fire-retardant ABS plastic
	Acrylic panel
Weight	Approx.780g
Unit color	Front case: Snow white(5Y9.3/0.1 Munsell Approximation)

DESCRIPTION	FIG. NAME		UNIT	DATE
SUB MASTER STATION	SETTING/SPECIFICATIONS		mm	6 October, 2014
MODEL NO.	FIG.NO.	PAGE	REVISION	AIPHONE
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