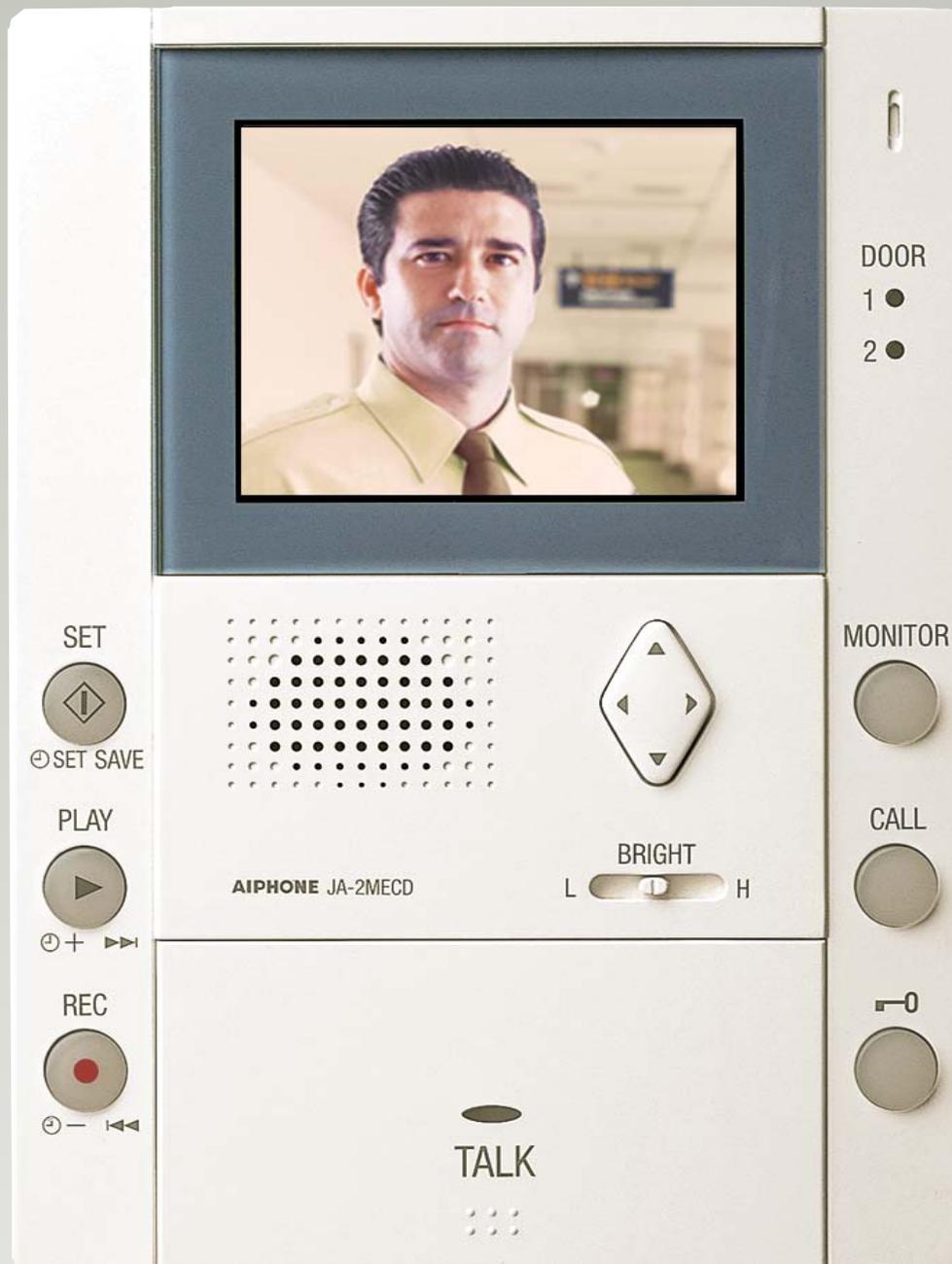# JA Series

Open Voice PanTilt Color Video

Shown: JA-2MECD

Integratable Entry Security Solution

The JA Series is designed to meet all your entry security needs. Hands-free communication, expanded capacity, seamless integration to CCTV systems, motion detector activation and built in selective door release are just a few of the standard features of this remarkable two-wire system. Adding an optional digital recorder style master ensures that all facets of a CCTV system can be covered in one convenient package.
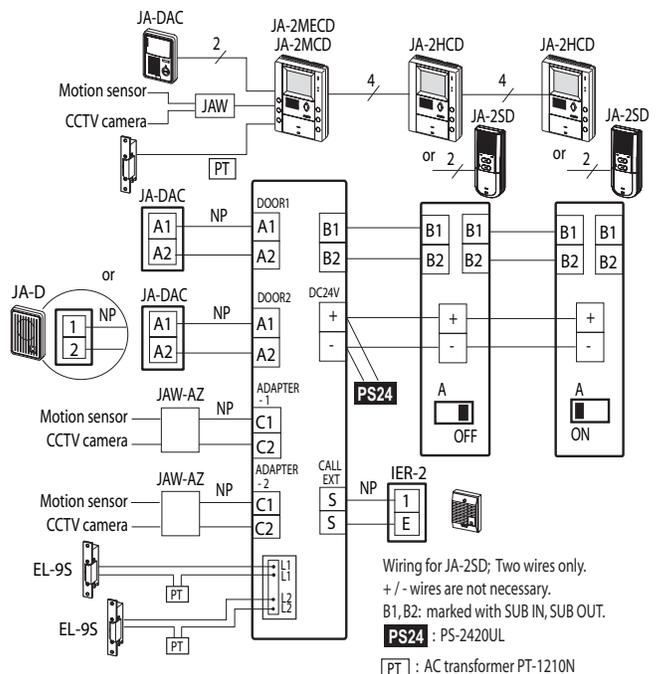
Stations & Accessories

PanTilt Video Door Station (Max. 2 per system)

JA-DAC
Surface Mount PanTilt Door Station

Features:
- Weather resistant
- Hands-free audio communication
- PanTilt color camera
- Mounts to a one-gang box
- Constructed of durable ABS plastic
- White illumination LEDs for low light conditions
- Illuminated call button

Audio Only Door Station (Max. 1 per system)

JA-D
Surface Audio Only Door Station

Features:
- Used in place of one JA-DAC
- Hands-free audio communication
- Constructed of durable ABS plastic
- Mounts to a one-gang box

CCTV Camera Adaptor (Max. 2 per system)

JAW-AZ
CCTV Camera and Motion Detector Adaptor

Features:
- Can be used in addition to JA-DAC for a total of four video inputs
- Can be used in place of a JA-DAC with a JA-D for audio communication
- Allows connection of standard CCTV camera
- Allows motion detector activation of camera
- Relay output for device activation

Master Monitors (1 Req. per system)

JA-2MECD/JA-2MCD
Open Voice Master Monitor with or without Image Recorder

Features:
- 4"TFT color video monitor
- Hands-free VOX or Push-To-Talk communication
- PanTilt controls
- Built-in image memory (JA-2MECD Only)
- Built-in video output
- All Call to other units in system
- Instant-on when called
- Can activate door stations or CCTV cameras
- Selective door release

Sub Monitors (Max. 2 per system)

JA-2HCD
Open Voice Sub Monitor

Features:
- 4"TFT color video monitor
- Hands-free VOX or Push-To-Talk communication
- PanTilt controls
- Built-in video output
- All Call to other units in system
- Instant-on when called
- Can activate door stations or CCTV cameras
- Selective door release

Sub Station (Max. 2 per system)

JA-2SD
Audio Only Sub Station

Features:
- Hands-free VOX or Push-To-Talk Communication
- All Call to other units in system
- Instant on when called
- Selective door release

Accessories

KAW-D
30 Degree mounting bracket for JA-DAC or JA-D

KMB-45
Mullion mounting bracket for JA-DAC or JA-D

SBX-ACE
Mounting box for JA-DAC or JA-D with access control device

RY-24L
Relay for Large Amp Door strikes or Mag locks

TAR-3
Relay for external device activation upon door call in
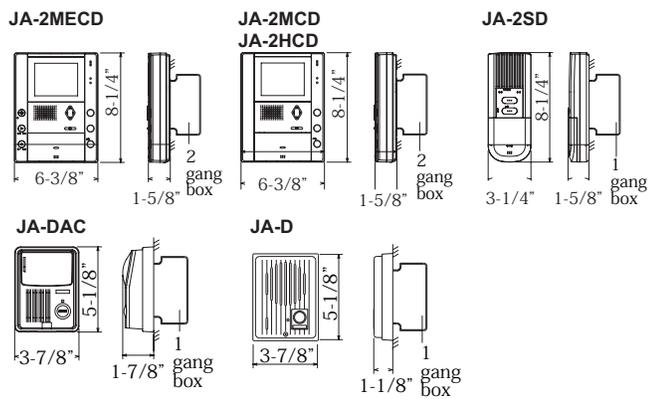
IER-2
Door call-in chime extension speaker

Specifications (JA-2MECD, JA-2MCD)

Power source	DC 24V (Use PS-2420UL)
Current consumption	JA-2MECD: max.750mA. JA-2MCD: 680mA. JA-2HCD: 290mA. JA-2SD: 120mA.
Calling	Chime. Image & voice,approx.30sec.
Communication	AUTO; Press TALK momentarily, then talk/listen is auto voice-actuated. MANUAL; Press TALK 1sec. or more. Then, press to talk, release to listen.
Video monitor	4" TFT color LCD
Scanning line	525 lines
Door release	AC 12V, 350mA (dry closure contact L,L)
Wiring	2-wire parallel, door to master 4-wire parallel, station to station (non-twisted nor shielded). Vinyl-jacket, PE insulation
Wiring distance	JA Master - Door 330' (18 AWG) JA Master - JA sub 330' (18 AWG) JA Master - Power 30' (18 AWG) JA Master - JAW-AZ 330' (18 AWG)

Wiring Diagram

Wiring for JA-2SD; Two wires only.
+ / - wires are not necessary.
B1, B2: marked with SUB IN, SUB OUT.
PS24 : PS-2420UL
PT : AC transformer PT-1210N

Unit Dimensions

JA-2MECD
8-1/4"
6-3/8"
2 gang box
1-5/8"

JA-2MCD / JA-2HCD
8-1/4"
6-3/8"
2 gang box
1-5/8"

JA-2SD
8-1/4"
3-1/4"
1 gang box
1-5/8"

JA-DAC
5-1/8"
3-7/8"
1 gang box
1-7/8"

JA-D
5-1/8"
3-7/8"
1 gang box
1-1/8"

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