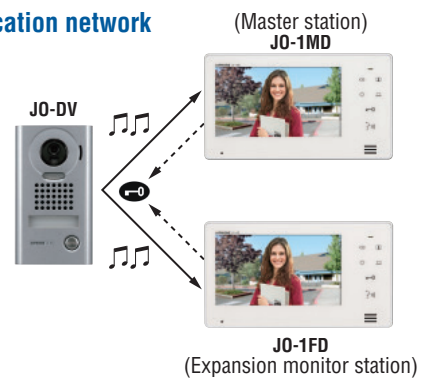
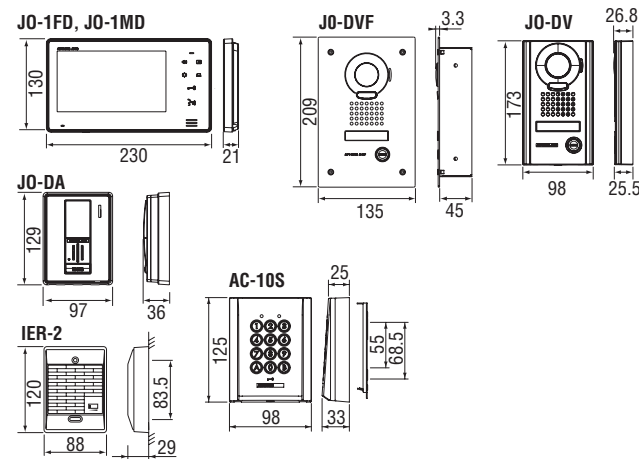


## JO Series Specifications, Dimensions and Communication Network

### Communication network



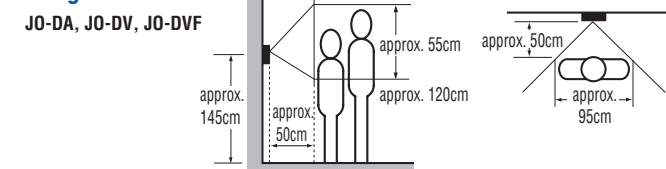
### Unit dimensions



### Specifications

Power source	18V DC
Consumption	Max. 440mA (JO-1MD), Max. 460mA (JO-1HD)
Calling	Chime. Image, 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 2 sec. or more.
Video monitor	7-inch color LCD screen
Pixels	1,150,000 pixels
Night viewing	"Up to 50cm from camera, with white LED projected, background beyond 50cm cannot be seen.
Door release	24V AC/DC, 500mA (N/O dry closure contact)
Option output	24V AC/DC, 0.5A (N/O dry closure contact)
Wiring	Door to master (or Expansion monitor) : 2-cond., mid cap solid, non-shielded. Expansion monitor to Master : 4-cond., mid cap. solid, non-shielded.
Wiring distance	Door to Master (or Expansion monitor station): 100m (1.0mm $\phi$ ) Expansion monitor to master monitor station : 100m (1.0mm $\phi$ )

### Image view area



## Access Control and Aiphone Approved Cable

The AC-10S Access Keypad provides Control at the touch of a button.

Stylized design, easy to install, up to 100 users codes, compact size, stand-alone capability.

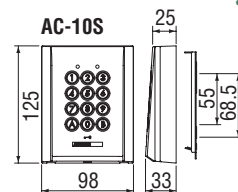
Aiphone genuine cable ensures the installation of your intercom meets specifications.



### AC-10S

Vandal resistant access control keypad.

- Surface mount IP 55
- Flush mount available AC-10F
- Matches JO-DV Door Station
- 2 Relay Outputs 24v AC/DC current rating 3A (resistive load) 1A (Inductive load)
- Programmable up to 100 access codes
- Illuminated Keypad easy to read.
- Power Source 12-24VAC or 12-24VDC



### AIPHONE Wire model name

Model	Length	Gauge	Insulation	Jacket color	Description
AE7090210B	100m	ø0.9mm	PE	BEIGE	2 conductor, PE solid, non-shielded
AE7090210G	100m	ø0.9mm	PE	GRAY	2 conductor, PE solid, non-shielded

Distributed by :

AIPHONE PTY LTD  
Unit 11A, 2 Eden Park Drive  
Macquarie Park, NSW 2113  
Australia  
Tel.: +61 2 8036 4507  
URL: <http://www.aiphonepty.com.au/>

# AIPHONE®



## RESIDENTIAL AUDIO & VIDEO INTERCOMS

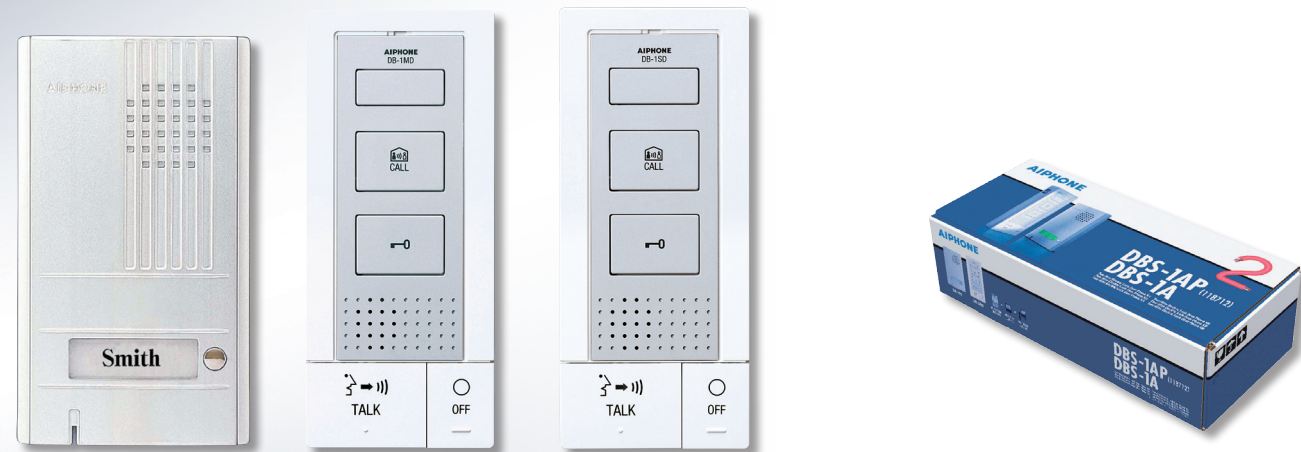




## DB Series Hands-free Audio Intercom

1 Door -> 5 Rooms

The DB series Audio Intercom is a modern audio only system designed for new installations or to replace existing door bells or audio systems. It provides door entry security and room to room communication, the DB series is a practical solution for access control in any home.



**DA-1DS**  
Door Station  
Surface Mount

**DB-1MD**  
Master Station

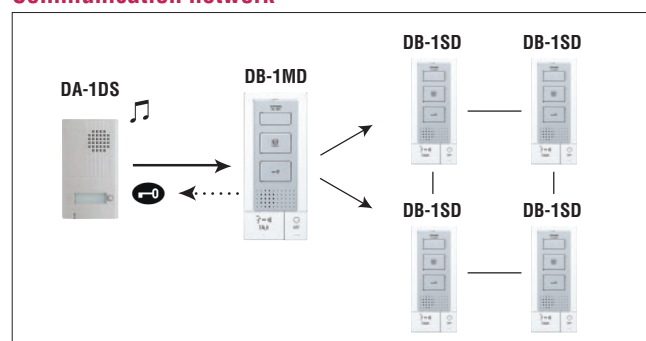
**DB-1SD**  
Sub-Master Station

**DB Series Boxed Kit:**  
**DBS-1AK:** 1 x Master (DB-1MD),  
1 X Door Station (DA-1DS)  
1 x Power Supply (16VAC)

### Features

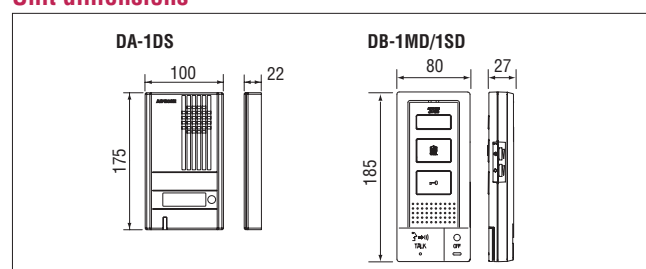
- Door release wired from door station, without additional transformer
- Two-wire system including door release
- Total hands-free communication, auto-voice actuation
- Press-to-talk operation available
- Up to 5 inside stations
- All call for internal communication
- User-optional function button
- Call tone MUTE with indicator
- Call extension sounder
- Directory backlighting
- Continuous chime tone (approx. 4 seconds)

### Communication network

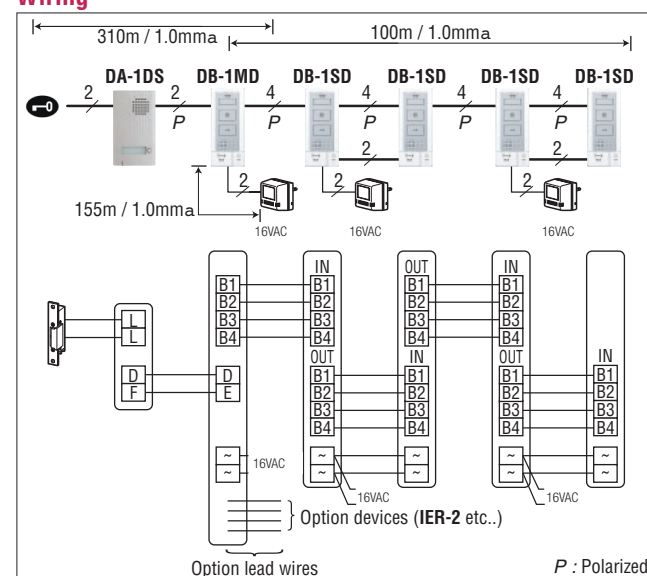


Press "call" button to ring inside station (s).

### Unit dimensions



### Wiring



### Specifications (DB-1MD, 1SD)

Power source	16VAC
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.
Door release	EL-12S or others (More than (AC) 70Ω, AC 9.5 ~ 20V)
Option contact (AC/DC)	Voltage Max. : 24V, Min. : 1V Current Max. : 1.6A, Min. : 10mA
Wiring	2 wires, throughout AC trans - Master - Door - Door release
Wiring distance	PSU ~ Door rise. 110m(0.65mmø) 200m(0.8mmø) 310m(1.0mmø) PSU ~ DB-1MD 55m(0.65mmø) 100m(0.8mmø) 155m(1.0mmø) DB-1MD ~ farthest DB-1SD 100m(0.65 ~ 1.0mmø)

## JO Series Colour Video Intercom 7- Inch Screen

1 Door -> 2 Rooms

The JO Series video intercom helps to identify visitors at an entrance providing security, convenience and style all rolled into one! The contemporary slim design complements any home.



**JO-1FD**  
Expansion Monitor Station



**JO-1MD**  
Master Station



### JO Series Boxed Kit options:

- JOS-1A:** 1 x Master (JO-1MD), 1 X Door Station (JO-DA)  
1 x Power Supply (18VDC)
- JOS-1V:** 1 x Master (JO-1MD), 1 X Door Station (JO-DV)  
1 x Power Supply (18VDC)
- JOS-1F:** 1 x Master (JO-1MD), 1 X Door Station (JO-DVF)  
1 x Power Supply (18VDC)



**JO-DVF**  
Vandal resistant video door station, flush mount



**JO-DV**  
Vandal resistant video door station, surface mount



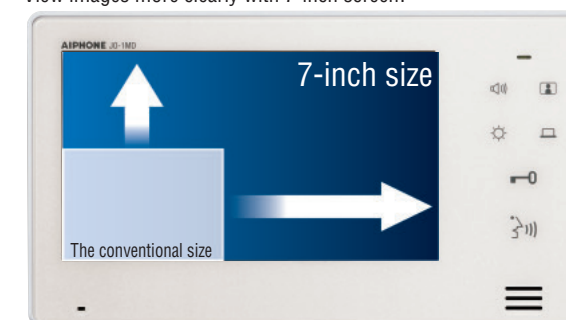
**JO-DA**  
Video door station, surface mount

### Features

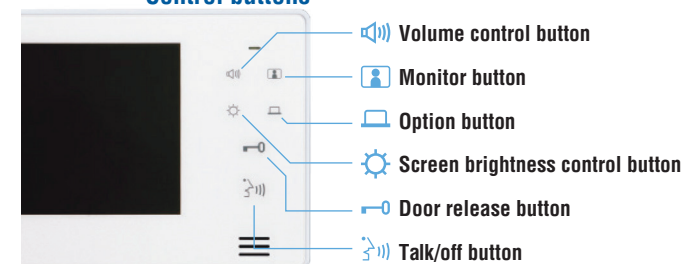
- Total hands-free communication
- Video image adjusting function
- Easy operation by buttons with picture indications
- Option output: Option button connectable to the master station and expansion monitor station.
- Room to room communication is not available

### 7-inch screen

View images more clearly with 7-inch screen!



### Control buttons



The design and specifications are subject to change without notice for improvement

### Wiring

