

# KB Series

Handset Video Intercom with Tilt



For Residential and Commercial Applications

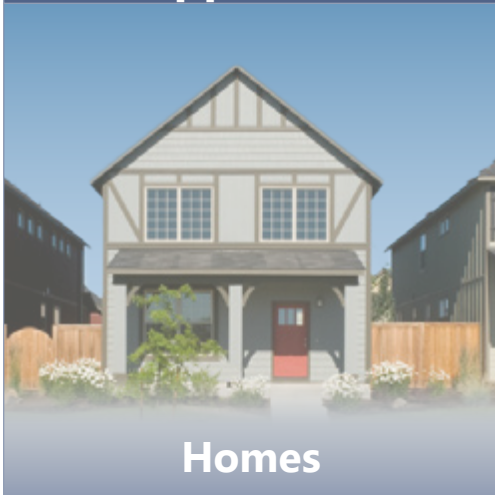
## Features & Benefits

- 3x5 station capacity**  
 Create the desired entry security and communication solution with up to 3 door stations and 5 master stations.
- Audio/Video monitoring**  
 Discreetly monitor activity in areas where door stations are installed.
- Visitor screening**  
 See and speak with visitors to determine their intent before letting them inside.
- Selective and All Call**  
 Choose to call one master or sub master station at a time or call all of them at once.
- Door release**  
 Conveniently unlock the door after visitors are confirmed – *with the push of a button!*
- Designed to last**  
 Install the KB Series system and have years of reliable quality.



*Easily add 2-way communication where it is needed!*

## Ideal Applications



Homes



Offices



Schools

## Components

**Door Stations** - Mix and match up to 3 (*max. 1 audio door station per system*)



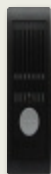
**KB-DAR**  
Video Door Station

- Tilt camera
- Plastic chassis
- Weather resistant
- Surface mount
- 5-1/2" H
- 4-1/8" W
- 1-3/4" D



**KB-DAR-M**  
Video Door Station

- Motion detector contact input
- Tilt camera
- Plastic chassis
- Weather resistant
- Surface mount
- 5-1/2" H
- 4-1/8" W
- 1-3/4" D



**AX-DM**  
Audio Door Station

- Plastic chassis
- Weather resistant
- Mullion surface mount
- 6-5/16" H
- 1-11/16" W
- 7/8" D



**IF-DA**  
Audio Door Station

- Plastic chassis
- Weather resistant
- Surface mount
- 5-1/8" H
- 3-7/8" W
- 1-1/8" D



**IE-JA**  
Audio Door Station

- Stainless steel cover
- Weather resistant
- Flush mount
- Fits 2-gang box
- 4-1/2" H
- 4-9/16" W
- 2-1/2" D (back box depth)



**IE-SS/A**  
Audio Door Station

- Stainless steel panel
- Weather and vandal resistant
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D (back box depth)



**IE-SSR**  
Audio Door Station

- Red mushroom call button
- Stainless steel panel
- Weather and vandal resistant
- Flush mount
- Fits 2-gang box
- 4-3/4" H
- 4-3/4" W
- 2-1/2" D (back box depth)

# Components

## Master Station & Power Supply *(required for system)*



**KB-3MRD**  
Video Master Station  
*(requires PS-2420UL)*

- 4" LCD screen
- Handset for privacy

7-11/16" H  
7-5/16" W  
3-5/16" D



**PS-2420UL**  
24V DC, 2A  
Power Supply  
*(required for KB-3MRD  
and for every 2 KB-3HRDs)*

6-9/16" H  
3-9/16" W  
2-1/16" D

## Sub Master Stations - Mix and match up to 4 *(max. 2 audio sub master stations per system)*



**KB-3HRD**  
Video Sub Master Station  
*(requires PS-2420UL  
for every 2 KB-3HRDs)*

- 4" LCD screen
- Handset for privacy

7-11/16" H  
7-5/16" W  
3-5/16" D



**KB-3SD**  
Audio Sub Master Station  
*(max. 2 per system)*

- Handset for privacy

8-1/4" H  
3-15/16" W  
2-7/8" D

## Accessories



**HID-SS**  
Card Access Station  
with HID® ProxPoint®  
Plus Proximity  
Card Reader



**SBX-2G**  
Surface Mount  
Box for IE-JA,  
IE-SS/A, or IE-SSR



**SBX-ACE**  
Surface Mount Box for  
AX-DM, IF-DA, KB-DAR,  
or KB-DAR-M and one  
Access Control Device



**KAW-D**  
30° Angle Box  
for KB-DAR or  
KB-DAR-M



**KMB-45**  
Mullion Mounting  
Bracket for KB-DAR,  
KB-DAR-M, or IF-DA



**KA-DGR**  
Surface Mount  
Housing Panel  
for KB-DAR or  
KB-DAR-M



**KA-FSH**  
Flush Mount Housing  
Panel for KB-DAR  
or KB-DAR-M

**DISCONTINUED**



**EL-12S**  
Electric  
Door Strike  
*(requires PT-1210N)*



**PT-1210N**  
12V AC  
Transformer  
*(required for EL-12S)*



**IER-2**  
Call Extension  
Speaker



**RY-24L**  
Form C Door  
Release Relay  
*(for 1 door)*



**RY-3DL**  
Selective Door  
Release Adaptor  
*(for 2 or 3 doors)*



**RY-ES**  
External  
Signaling Relay



**MAW-B**  
Auxiliary Light  
Control Relay



**MCW-S/A**  
Desk Stand  
for KB-3MRD  
or KB-3HRD

# Specifications

<b>Power Source</b>	24V DC – use PS-2420UL	<b>Communication</b>	Handset (full-duplex)
<b>Door Release</b>	N/O dry contact, 12V AC, 400mA – use EL-12S (use RY-24L for larger contact rating or RY-3DL for 2 or 3 doors)		
<b>Wire Type</b>	2-cond., mid cap, solid, non-shielded – use Aiphone #871802		
<b>Wire Distance</b>	Master Station to Door Station: 330'(22AWG) 650'(18AWG) Master Station to farthest Sub Master Station: 165'(22AWG) 330'(18AWG) Power Supply to Master Station or Sub Master Station: 16'(22AWG) 33'(18AWG)		

LOCAL AIPHONE EXPERTS ARE HERE TO HELP.  
**CONTACT US TODAY!**



KB Series Brochure

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