

## Master Stations: mix and match up to 8



**AX-8MV**  
Video Master Station

- 3-1/2" LCD screen
- Wall or desk mount

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**AX-8MV-W**  
Video Master Station  
*(recommended for an 8 x 8 system only)*

- 3-1/2" LCD screen
- White finish
- Wall or desk mount

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**AX-8M**  
Audio Master Station

- Wall or desk mount

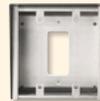
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## Accessories



**AX-16SW**  
16-Call Add-On Selector  
for AX-8MV or AX-8M  
*(max. 7 per master)*

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

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**KMB-45**  
45° Mullion Mounting  
Bracket for IF-DA

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**SBX-AXDV30**  
30° Angle Box  
for AX-DV

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**SBX-AXDVF**  
Surface Mount  
Box for AX-DVF

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**SBX-DVF-P**  
Surface Mount  
Box for AX-DVF-P

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**BBX-1E**  
Flush Mount  
Back Box for  
AX-B or AX-BN

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**AXW-AZ**  
CCTV Input Module

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**AXW-AVT**  
Audio/Video Transmitter

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**AXW-AVR**  
Audio/Video Receiver

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

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

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**AXW-PA1**  
Paging Adaptor

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**RY-ES**  
External  
Signaling Relay

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**IER-2**  
Call Extension  
Speaker

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**MCW-S/A**  
Desk Stand  
for AX-8MV,  
AX-8MV-W,  
or AX-8M  
*(mounting  
hardware included)*

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## Add-On Central Exchange Unit: select up to 3 (optional)



**AX-320C**  
Add-On Central Exchange Unit

- Supports up to 32 door/sub stations

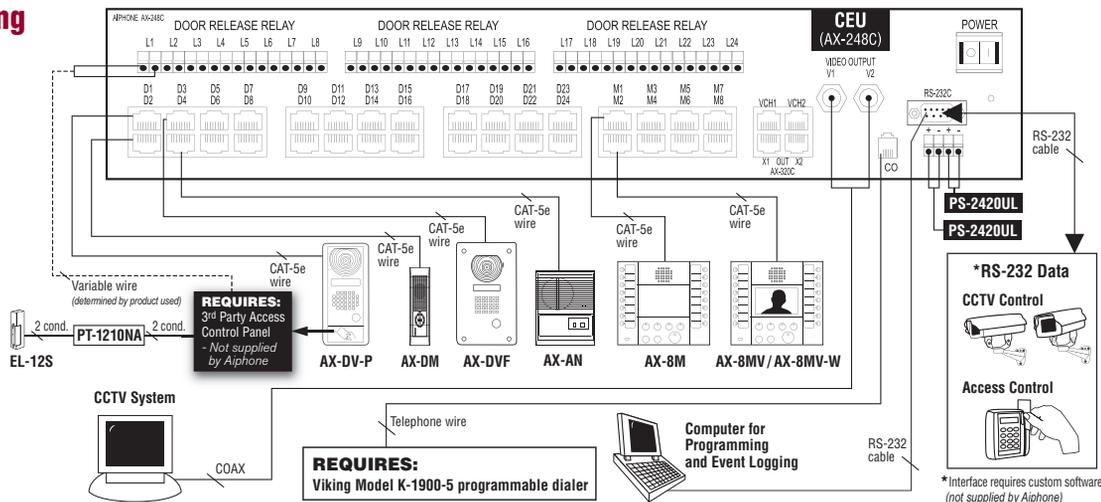
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Cat-5e wire  
N/A from Aiphone  
(max. 980')

Cat-5e wire  
N/A from Aiphone  
(max. 16')

Cat-5e wire  
N/A from Aiphone  
(max. 980')

## Wiring



## Specifications

- Power Source** 24V DC – use two PS-2420ULs
- Communication** Hands-free (VOX) or push-to-talk (simplex)
- Door Release** Programmable dry contact, 24V AC/DC, 500mA – use EL-12S (use RY-24L for larger contact rating)

**Wire Type** Between Door/Sub Station, Master Station, and Central Exchange Unit: Cat-5e

Power Supply to Central Exchange Unit and Add-On Central Exchange Unit: 2-cond., overall shield – use Aiphone 821802

**Distance** Door/Sub Station to Central Exchange Unit and Add-On Central Exchange Unit: 980'

Central Exchange Unit to Master: 980'

Central Exchange Unit to Add-On Central Exchange Unit: 16'

Power Supply to Central Exchange Unit and Add-On Central Exchange Unit: 16' (22 AWG) 33' (18 AWG)