

# MYW-BA-M

## Long Distance Video Adaptor For MY Monitors

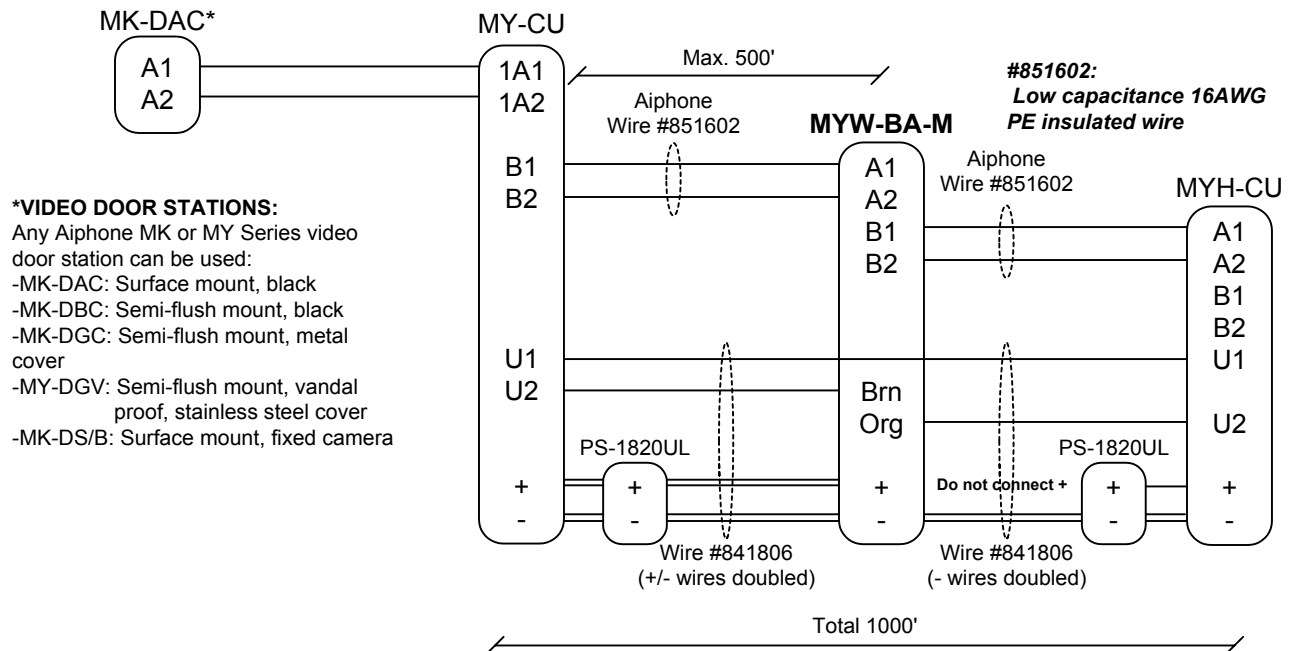
### - INSTRUCTIONS -

The MYW-BA-M adaptor extends the distance between the first and last monitor in an MY video entry system to 1000 feet. Any video system using the MYH-CU or MYH-CUB sub monitors, along with an IE, LEF, or TD-H audio intercom can be used. Aiphone cable #851602 is required for the video signal.

### WIRING DIAGRAMS:

#### 1. USING MY-CU and MYH-CU with IE or TD-H Audio:

(Audio system not shown)



#### Individual Components for System:

MYW-BA-M	Long distance adaptor for MY monitors
MY-CU	Master monitor, surface mount
MYH-CU	Sub monitor, surface mount
MYH-CUB	Sub monitor, flush mount
MYW-P1L	Single camera adaptor for LEF system
MYW-P3L	Three camera adaptor for LEF system
PS-1820UL	18V DC, 2A Power Supply
IE-1GD	1 Door, 4 Room master handset
IE-2AD	2 Door, 4 Room Master handset
IEH-1CD	Sub handset for IE-1GD and IE-2AD
IE-8MD	2 Door, 6 Room master handset
IE-8HD	Sub handset for IE-8MD
LEF-5	5 call open voice master, surface or desk mount
LEF-10	10 call open voice master, surface or desk mount
LEF-10S	10 call open voice master with All-call button, surface/ desk mount
LEF-5C	5 call open voice master, Semi-flush mount
LEF-10C	10 call open voice master, Semi-flush mount

#### NOTE:

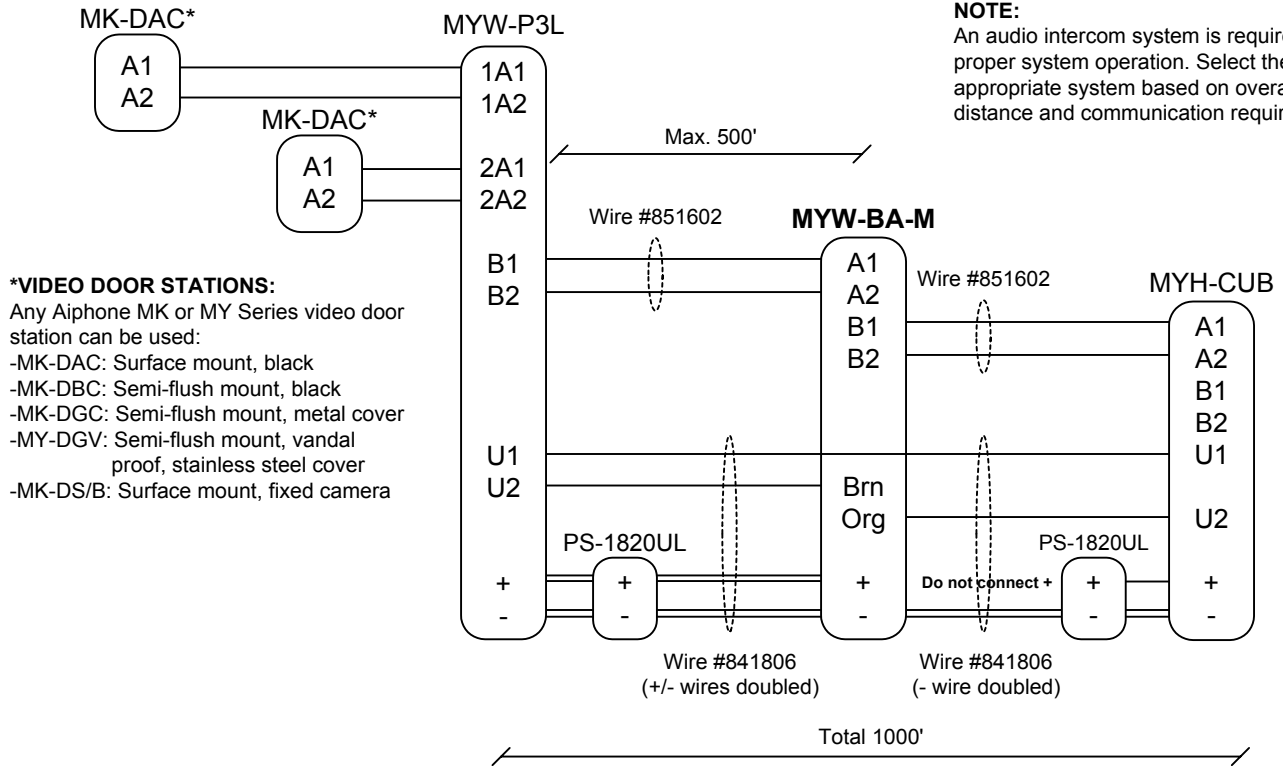
A separate audio intercom system is required for proper system operation. Select the appropriate system based on overall distance and communication requirements.

#### MYW-BA-M TERMINAL DEFINITIONS:

A1	Video signal input from
A2	MY monitor/adaptor
B1	Output to
B2	sub monitors
Brn	U2 input from MY monitor/adaptor
Org	Output to MYH sub monitor
+	Positive 18V DC
-	Negative

## 2. MYW-P3L with MYH-CUB and LEF-C Audio:

(Audio system not shown)



### NOTE:

An audio intercom system is required for proper system operation. Select the appropriate system based on overall distance and communication requirements.

### \*VIDEO DOOR STATIONS:

Any Aiphone MK or MY Series video door station can be used:

- MK-DAC: Surface mount, black
- MK-DBC: Semi-flush mount, black
- MK-DGC: Semi-flush mount, metal cover
- MY-DGV: Semi-flush mount, vandal proof, stainless steel cover
- MK-DS/B: Surface mount, fixed camera

### SPECIFICATIONS:

- Power Source: 18V DC. Use PS-18C for every three video units, including adaptor and monitors.
- Current consumption: 250 mA (standby)
- Scanning lines: 525 lines
- Wiring distance: MK Camera to MY-CU or MYW adaptor: Max. 330' with 18 AWG wire  
 MY-CU or MYW adaptor to MYW-BA-M: Max. 500' with Aiphone cables 841806 & 851602\*  
 Max. distance from first to last MY monitor is 1000' with Aiphone cables 841806 & 851602\*  
 \* Total distance from first monitor/adaptor to farthest sub monitor cannot exceed 1000 feet.
- Dimensions: 7-1/2"H x 3"W x 1-5/8"D

### CAUTION

- \* Do not connect any AC wires to any terminal on any unit, as damage may occur. Connect only specified power source to + and - terminals.
- \* Do not install more or different power sources than specified for the system.
- \* Do not attempt to install or connect wires on the MY system while the system's power supply is plugged in.
- \* MY monitors and related equipment, unless specified as "weather resistant", are designed for indoor use only.
- Video door stations (MK-DAC, MK-DBC, MK-DGC, MK-DS, MY-DGV) may be installed outdoors in a protected area. Do not expose any equipment directly to rain or extreme weather conditions.

### IMPORTANT

- \* Any other manufacturer's products installed with the system (power supply, external device, etc.) are not covered under Aiphone's warranty.
- \* Do not mount Aiphone equipment in the following places, as it may cause the system to malfunction:
  - High or extreme cold temperature areas: under direct sunlight, near equipment that varies in temperature, in front of air conditioner, inside a refrigerated area, etc.
  - Places subject to moisture or humidity extremes.
  - Places subject to environmental conditions, such as dust, oil, chemicals, salt, etc.
- \* All intercom and video units are electronic devices, which must not be subjected to water or any other liquid.
- \* Severe weather conditions, such as lightning storms, may cause damage to Aiphone equipment. We recommend that power surge protection be installed to minimize potential component level damage.
  - Install the SA-1 surge arrestor to protect the power supply from a surge.
  - Additional SA-1 surge arrestors should be installed on all communication lines (one SA-1 for every two connected to master.).

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