

AP-MS

High Powered Intercom System with Expanded Capacity

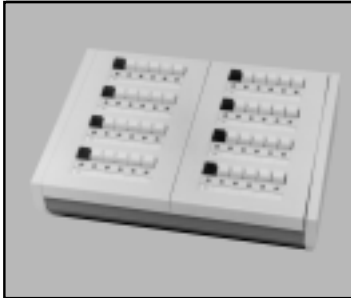
DESCRIPTION:

The expanded AP-MS system provides high powered two-way communication with up to 50 remote locations. One or two masters can be used, and a variety of remote stations are available. Choose from standard sub stations, horn speakers, vandal proof sub stations, or two call sub stations. Expand a 10-call master with a 10, 20, or 40-call add-on selector.

*NOTE: Add-on selectors cannot be connected to standard AP-5M or AP-10M masters.

FEATURES:

- Expands to 20, 30, or 50 stations
- Two master stations, with master-to-master communication
- 10 watts of output power to remote station
- Call tone and LED to indicate call from remote
- Two-way communication
- Hands free communication at remote
- Separate transmit and receive volume controls

AP-10MS**AP-40AS****SOME APPLICATIONS:**

- *Parking Garages or Lots*
- *Automotive Service Centers*
- *Warehouses*
- *Manufacturing Facilities*
- *Marinas*
- *High Noise Areas*

SPECIFICATIONS:

Power Source:	AC 110~125V, 50/60Hz. Cord on AP-10MS plugs into AC outlet.
Current Consumption:	Maximum 45W
Output:	10W (master to sub); 0.3W (sub to master)
Calling:	Mono-electronic tone while call button is pressed, plus LED for 20 seconds.
Communication:	Press-to-talk at calling master Hands free at remote station or responding master
Talk Channel:	Single talk channel
Wiring:	1 twisted pair homerun from each remote station Use Aiphone #832202 (22AWG)
Mounting:	Desk or wall mount
Wiring Distance:	490' w/ 22AWG; 1200' w/18AWG
Dimensions (HxWxD):	
AP-10MS:	9-15/16" x 10-7/8" x 5-1/2"
AP-10AS, AP-20AS:	9-15/16" x 6-15/16" x 5-1/2"
AP-40AS:	9-15/16" x 12-7/8" x 5-1/2"

AP-MS Expandable High Power System

SPECIAL ORDER PRODUCTS:

Master Station

AP-10MS 10-call Master station

Add-on Selectors

AP-10AS 10-call Add-on selector
 AP-20AS 20-call Add-on selector
 AP-40AS 40-call Add-on selector

Sub Stations

LS-NVP/A Vandal proof, weather resistant sub station

Accessories

BA-1P Paging adaptor

STANDARD PRODUCTS:

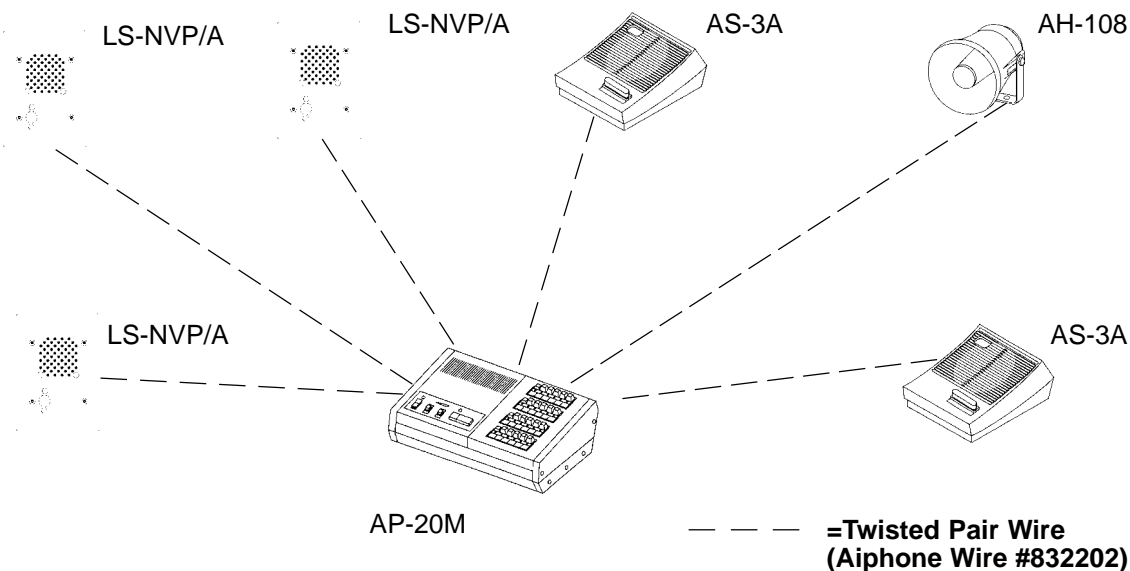
Sub Stations

AS-3A Sub station, surface mount
 AS-3WA 2-call sub station, surface mount
 AS-3N Ceiling speaker sub station
 AH-108 10W 8 ohm horn with built-in capacitor
 AH-16TN 16W 8 ohm horn (NP-25V capacitor or NP-B call button required)

Accessories

NP-B Call button
 NP-W Surface mount box for NP-B
 NP-25V 33mfd, 25V, non-polarized capacitor
 RY-AC External signaling relay
 NBZ-M Mounting frame for AS-3N
 N-EA Surface mount enclosure for AS-3N
 SBX-NVP Surface mount box for LS-NVP/A

SYSTEM LAYOUT EXAMPLE:



ARCHITECTS & ENGINEERS SPECIFICATIONS:

The intercom system shall be of an open voice, selective calling type, with 10 watts of output power when transmitting to a remote. Master station shall have capacity of 10 stations, and add-on selectors shall be available in 10, 20, and 40 call sizes.

Master station shall have individual selector buttons with associated LEDs for call-in indication, and a directory for station labeling. A call-in shall light the LED for approximately 20 seconds and activate a momentary call tone. The call shall be answered by pressing the station's selector button, then press TALK button to transmit, and release to listen. The person at the remote speaks hands free.

Master station shall be equipped with power ON/OFF switch, transmit and receive volume controls, CALL and TALK buttons. Station selectors shall be in rows of five, with an OFF button for each row. An "Occupied" LED shall indicate if the system is in use.

Compatible remote stations shall include 8 ohm horns or speakers, standard sub stations with one or two call buttons, and weather resistant vandal proof stations (able to be flush or surface mounted).

System shall be manufactured by Aiphone.