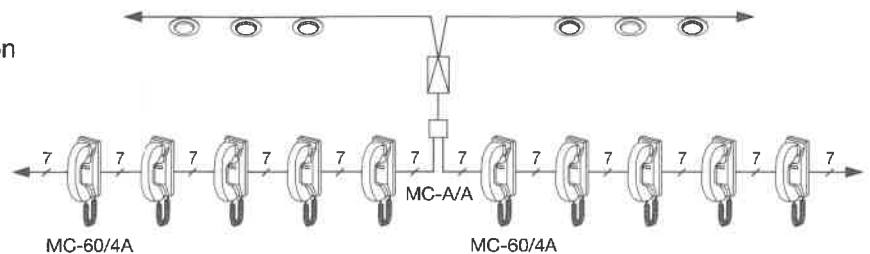# MC-60/4 MARKET-COM ADAPTOR

Model; MC-A/A

INSTALLATION & OPERATION MANUAL

1 SYSTEM OUTLINE & FEATURES

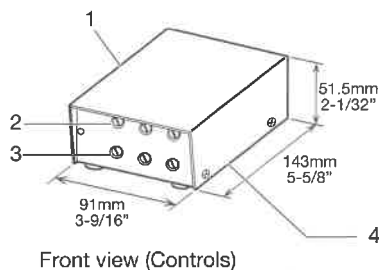MC-A/A is a Market-Com Adaptor for Aiphone's MC-60/4A paging & communication intercom system.
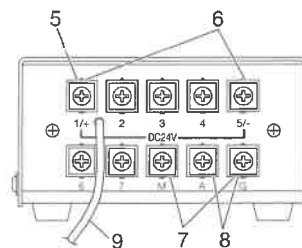

FEATURES

MC-A/A Market-Com adaptor handles max. 4 communication channels and a separate paging operation.
☆ One MC-A/A adaptor controls max. 60 MC-60/4A phone stations. Has inputs for background music.
☆ MC-A/A adaptor has treble, bass & volume controls for paging & background music.
☆ Pre-page chime tone, adjustable
☆ Connects to any standard paging amplifier.

2 NAMES AND FUNCTIONS

Front view (Controls)

Back view (Connections)

Check the package contents before installation
- MC-A/A unit .... 1 unit
- Mounting bracket .... 1 pc
- Screws for mounting to gang box .... 2 pcs
- Wood screws for surface-wall mounting .. 2 pcs
- Installation & Operation Manual

1 Case
2 Music volume, bass & treble controls
3 Paging volume, bass & treble controls
4 Page pre-tone volume control

5 Phone wiring input (# 1 ~ 7)
6 Plus & minus input
7 M & G (background music) input
8 A & G (paging amplifier) output

9 Lead wire (Brown)

3 INSTRUCTIONS ON INSTALLATION & WIRING

MC-A/A adaptor is designed for MC-60/4A Market-Com system.

Wiring
With cable run from each of max. 6 phone blocks, connect all the terminals together with matching wires, in strict accordance with color code designated for wire numbers 1 ~ 7.

Mounting
MC-A/A unit is provided with a mounting bracket, which mounts to single-gang box or wall surface with either of two screws supplied. Then, insert the prongs of the bracket into the holes of the chassis and pull down until it locks.
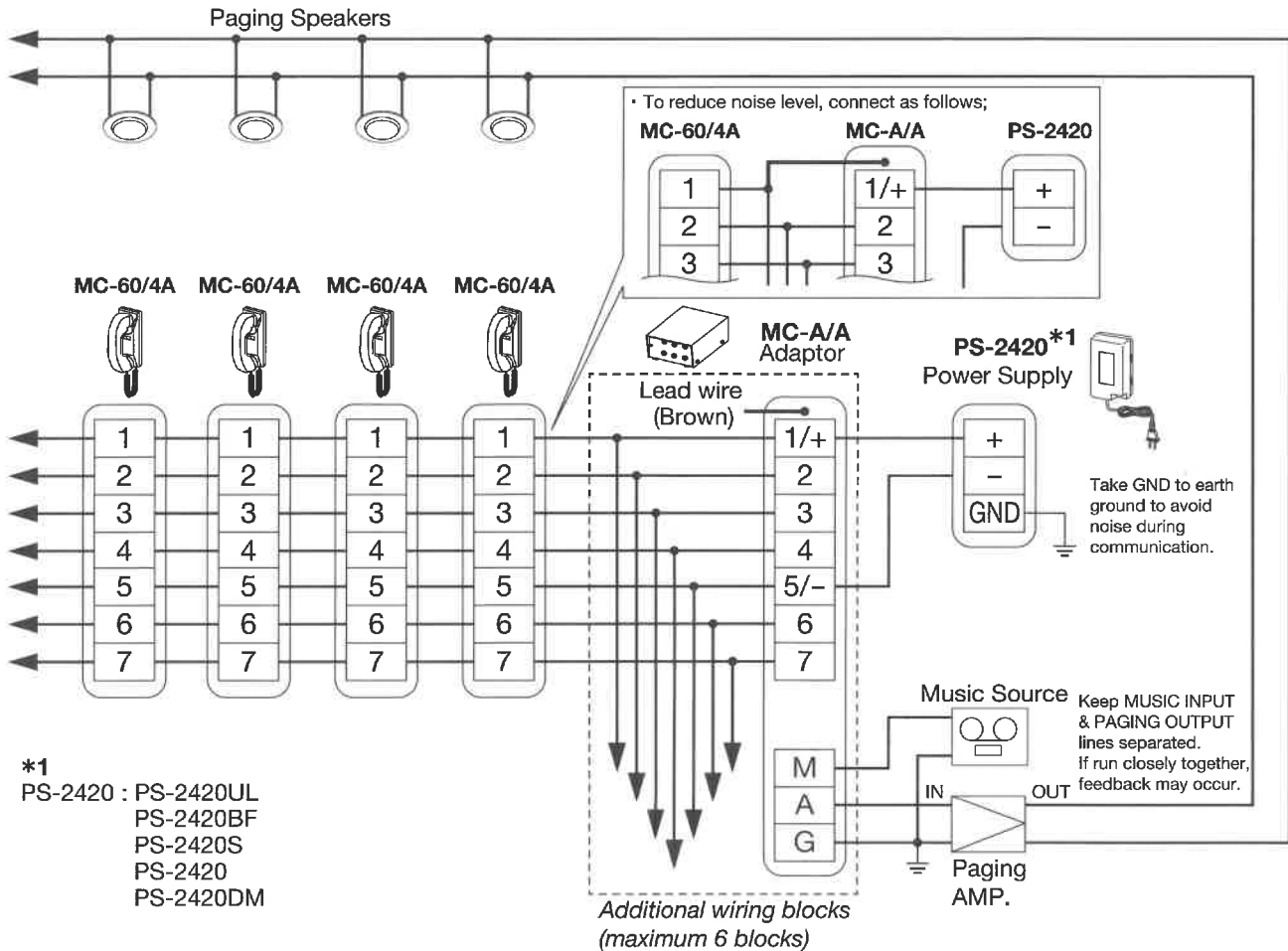
Pre-tone volume
Page pre-tone volume control is located on back of chassis. Adjusts chime volume over a pre-determined dB range.

Adjusting paging output
Adjust amplifier output control to mid-range. Adjust MC-A/A output volume, bass & treble control to mid-range. Test paging and adjust controls of MC-A/A to desired volume, bass & treble resolution.

4 WIRING DIAGRAM

1) Seven wires per MC-60/4A phone block.
2) Total of 60 MC-60/4A phones per system.
3) Maximum of 10 MC-60/4A phones per block.
4) PS-2420 power supply must be wired to MC-A/A, not to phones.
5) Connect A & G terminals of MC-A/A to Auxiliary input of a standard paging amplifier.
6) Connect M & G terminals of MC-A/A to output of background music source (Ground can be wired in common).

*1
PS-2420 : PS-2420UL
PS-2420BF
PS-2420S
PS-2420
PS-2420DM

5 SPECIFICATIONS

Power source:	DC 24V. Use a PS-2420 power supply.
Wiring:	See wiring diagram.
Amplifier input requirements:	AUX; 10K ohm, 0.3V ~ 0.5V
Music source output requirements:	Range; 100mV ~ 1.2V, 10K omh or less
Dimensions (H x W x D):	51.5 mm x 91 mm x 143mm, 2-1/32" x 3-9/16" x 5-5/8".
Weight:	Approx. 530g (1.17 lbs)

The illustrations used in this manual may differ from the actual product.

AIPHONE®
Providing Peace of Mind