
ATTENTION INSTALLER

BEFORE INSTALLING THIS EQUIPMENT, PLEASE READ THE INSTRUCTION MANUAL THOROUGHLY. IF YOU ARE NOT TOTALLY FAMILIAR WITH THE INSTALLATION OF THIS TYPE OF APPARATUS, PLEASE SECURE THE ASSISTANCE OF A QUALIFIED TECHNICIAN. IF THE UNIT IS NOT CONNECTED PROPERLY, DAMAGE MAY RESULT AND YOUR WARRANTY MAY BE VOIDED.



INSTRUCTION MANUAL

P-240A
240 WATTS RMS
POWER AMPLIFIER

FOR ASSISTANCE OR REPAIR SERVICE CONTACT



200 NEW HIGHWAY P.O. BOX 726
AMITYVILLE, N.Y. 11701 - 0726
631-957-8700 1-800-645-5516

C. S. I. PROFESSIONAL SERIES

Specifications

AMPLIFIER SECTION

Rated output.....	240W(RMS)
Frequency response	30Hz to 20KHz
Signal to Noise Ratio	90dB
Input Sensitivity/Impedance	1V/10K ohms
Speaker output/Impedance.....	.4 ohms, 8 ohms, 25V(2.6 ohms) (70V/(20.4ohms)

General

Power source	AC 110V/120V or 220V/240V 50/60Hz
Power Consumption	450W
Dimensions420W(16 ')x130H(5')x290D(11')
Weight(Net)	24 lbs.(11.5Kg)

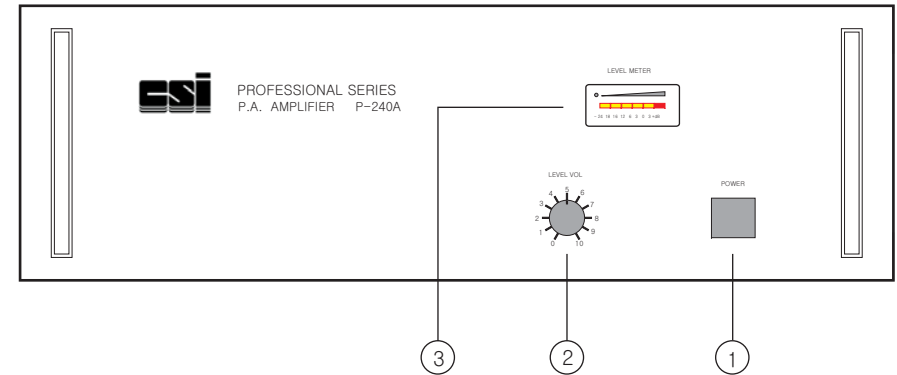
For rack mounting use RKMB-4 rack mount kit.

NOTE : Specifications and design subject to change without notice.

Unpacking and Installation

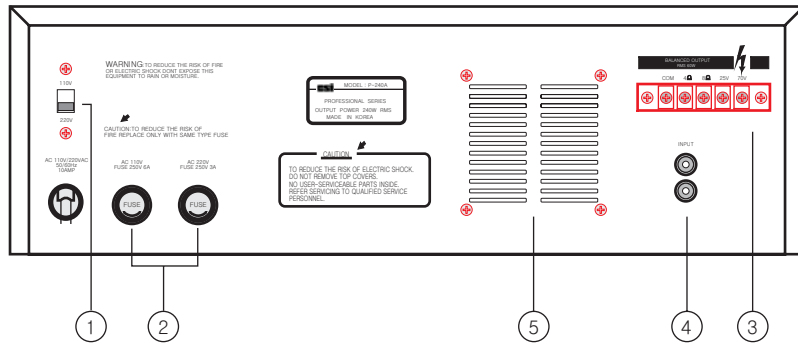
Although it is neither complicated to install nor difficult to operate your power amplifier, a few minutes of your time is required to read this manual for properly wired installation and becoming familiar with its features and how to use them. Please take great care in unpacking your set and do not discard the carton and other packing materials. They may be needed when moving your set or if it ever becomes necessary to return your set for service. Never place the unit near a radiator, in front of heating vents, in direct sunlight, or in excessively humid or dusty locations. Connect your complementary components as illustrated on the following pages.

Front Panel controls



1. POWER SWITCH
Pressing this switch to ON will light LED indicator and supply power to the unit.
2. MASTER VOLUME CONTROL
This control is used for adjusting the output volume.
3. OUTPUT LEVEL DISPLAY
This display indicates the peak output level.

Rear Panel Controls



1. Select 110V AC or 220V AC operation with this switch. Then plug AC cord into AC outlet.
2. FUSE HOLDER(AC)
This fuse holder contains the AC power fuse. Replace only with same type fuse when it is blown. If it continuously blows, stop replacing fuse and refer servicing to qualified personnel.

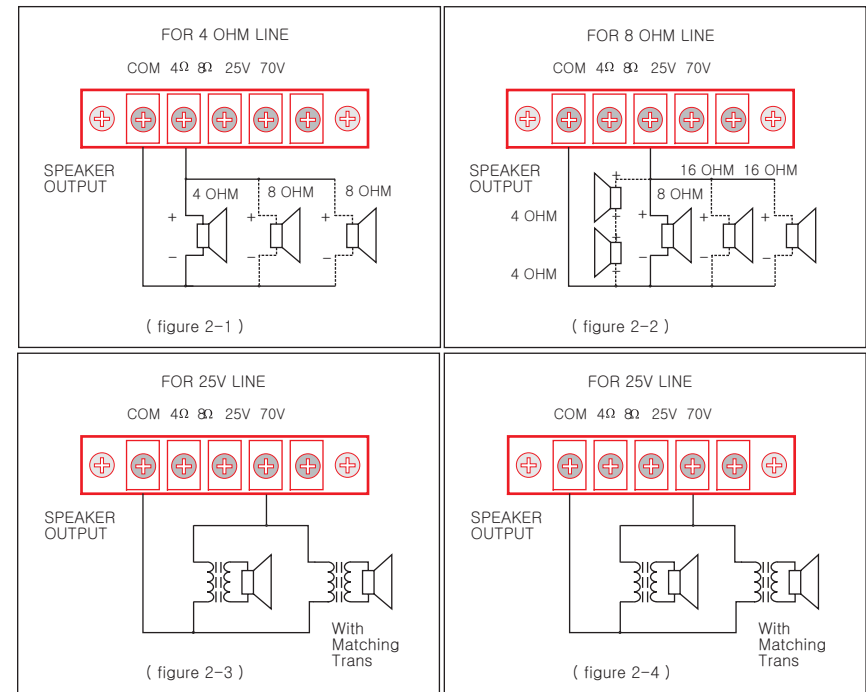
VOLTAGE	AC 110V/120V	AC 220V/240V
FUSE RATING	6A/250V	3A/250V

3. SPEAKER OUTPUT TERMINALS
These terminals are for speaker connection. You can select 4ohm or 8ohm or line outputs or 25V (2.6ohms) and 70V (20.4ohms). Be sure not to make the total impedance less than rated impedance on 25V or 70V. 4 ohm and 8 ohm must be matched exactly.
NOTE : Please note that only 25V or 70V terminals should be connected when using speaker/zone selector.
4. INPUT JACK
Right and left inputs are combined to serve as a " Y " connector (stereo to mono).
5. COOLING FAN
This Unit incorporates a cooling fan to reduce the operating temperature of the amplifier, affording better performance and longer operational life.

Installation of the Speakers

When connecting or changing speakers, always remove the power cord from AC outlet, and use the appropriate terminals as below. For 25V and 70V line, be sure that total impedance is not less than rated impedance. 4 ohm and 8 ohm must be properly impedance matched.

VOLTAGE	30.98V	43.8V	25V	70V
IMPEDANCE	4 Ω	8 Ω	2.6 Ω	20.4 Ω



NOTE : These are examples of possible wiring situations. Many other possibilities exists. Always maintain impedance matching for 4 and 8 ohm connection. Do not exceed the power rating of the amplifier by connecting more speakers than the unit is rated for. If you are in doubt, please consult a professional installer.