

OPERATION MANUAL

PP-9600 PRE AMPLIFIER



Contents




1. Unpacking	1
2. Installation	2
3. Features	3
4. Operation	3
5. Front Panel Controls	4
6. Rear Panel Controls	5,6
7. Applications	7
8. Specifications	8
9. Service	9
10. Warranty	9



Unpacking and Installation

Although it is neither complicated to install nor difficult to operate your set , a few minutes of your time is required to read this manual for a properly wired installation and becoming familiar with its many features and how to use them.

Please take a great care in unpacking our set and do not discard the carton and other packing materials. That may be needed when moving your set and are required if it ever becomes necessary to return your set for service. Never place the unit near radiators, in front of heating vents, excessive humid or dusty location to avoid early damage and for your years quality use. Connect your complementary component as illustrated in the following page.

 <p style="text-align: center;">CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p>	 <p>This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>
<p>CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS IN SIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
<p>WARNING</p> <p>To prevent fire or shock hazard, do not expose the unit to rain or moisture.</p>	<p>Caution : To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.</p> <p>Attentions : Pour prevenir les chocs electriques ne pas utiliser cette fuche polarisee avec un prolongateur, une prise de courant on une autre soruie de courant, sauf si les lames peuvent etre inserees a fond sans en laisser aucune partie a decouvert.</p>

Installation

Environment

Never place this product in an environment which could alter its performance or reduce its service life. Such environments usually include high levels of heat, dust, moisture, and vibration.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Features

- VERSATILE AND FEATURE-PACKED

Featuring 8 inputs, including three balanced Mic inputs, CD input, cassette, tuner and auxiliary input, chime input and balanced outboard mixer input.

- EASY ACCESS TO ALL CONTROLS

Front-panel volume slider controls for each input.

- SIGNAL PRESENCE INDICATORS

Front-panel signal LED meter for main inputs 1-8 and Master channel.

- TONE CONTROL

Individual Bass and Treble controls to tailor your sound.

- AC OR BATTERY POWERED

AC mains or 24VDC battery powered for maximum versatility.

- ULTRA-SLIM DESIGN

Streamlined design fits in a single RU space.

Accessories

One detachable AC power cord is provided for use with this product.

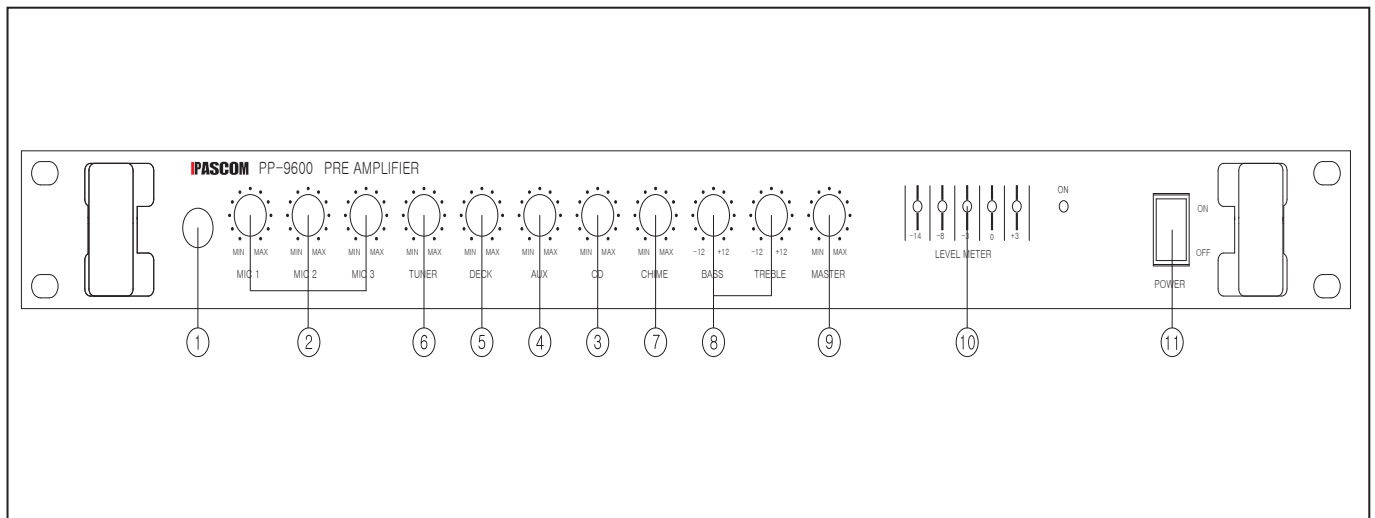
Operation

Make certain that speakers and input sources are properly connected before switching on.

Keep volume levels turned down before switching on.

NOTE : The system's operation is delayed by approximately three seconds after pressing the power switch. This is due to the built-in protection circuitry, designed to protect speakers and other system components.

Front Panel Controls



1. MIC 1 INPUT CONNECTOR

This connector is for balanced the volume of MIC 1.

2. MIC 1,2,3 LEVEL CONTROL

These controls are used for adjusting the volume of MIC 1,2,3 input signal.

3. CD INPUT LEVEL

This slider adjusts the level of the CD Input.

4. AUX INPUT LEVEL

This slider adjusts the level of the Aux Input.

5. DECK INPUT LEVEL

This slider adjusts the level of the Deck (Cassette) Input.

6. TUNER INPUT LEVEL

This slider adjusts the level of the Tuner Input.

7. CHIME INPUT LEVEL

This slider adjusts the level of the Chime Input.

8. BASS AND TREBLE CONTROLS

These knobs provide continuous control of the high and low frequency response, by adding up to 12dB of cut (decrease) or boost (increase).

9. MASTER LEVEL CONTROL

This control is used for adjusting the volume of finally mixed sound.

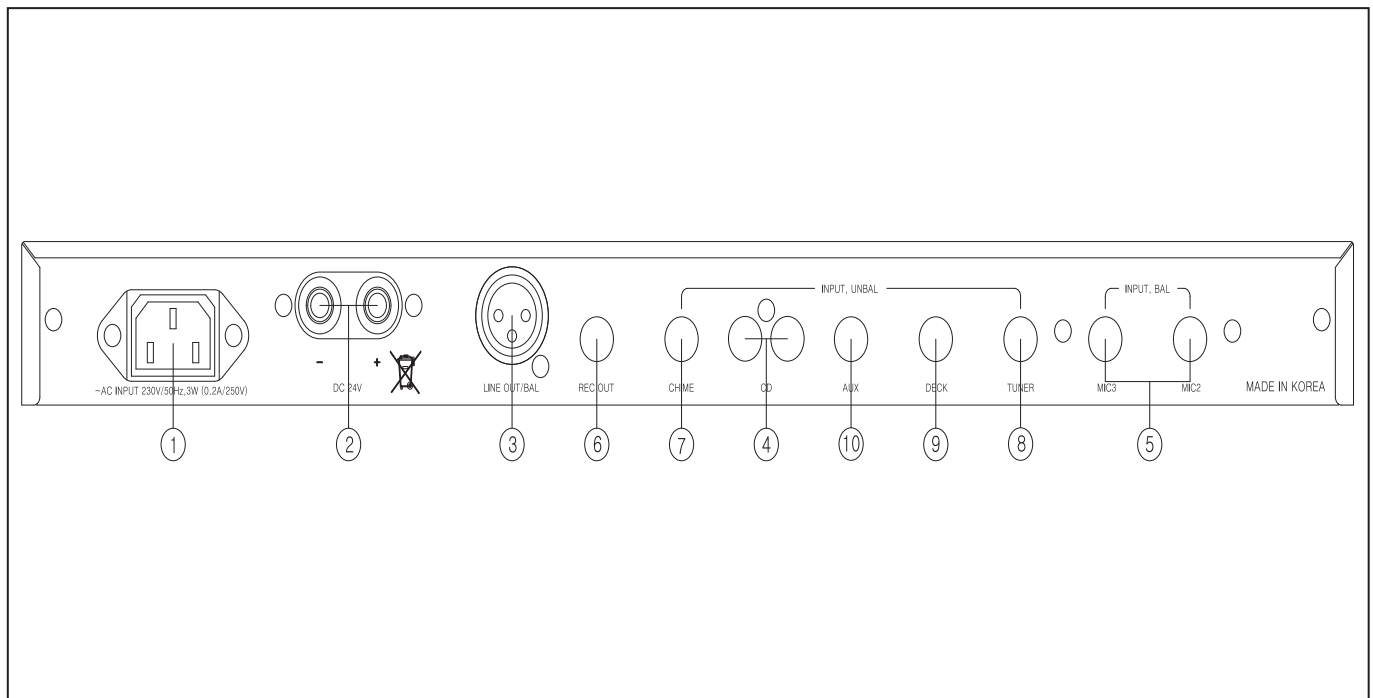
10. OUTPUT LEVEL METER

This meter indicate the output level of pre amplifier.

11. POWER SWITCH

This is the main POWER switch, Press to power ON the amplifier. Press again to power off.

Rear Panel Controls



1. AC POWER INPUT

Connect the supplied standard AC input cable here.

2. DC INPUT TERMINALS

These terminals are provided for the connection of backup battery. Connect a 24VDC battery source to these terminals. Make certain the red terminal is connected to the battery's positive (+) side, and the black terminal to the battery's negative (-) side.

3. LINE OUTPUT

This is a balanced output on three-pin XLR connector. Connect this output to the input of a power amplifier, signal processor, or external mixer.

4. CD INPUTS

These are unbalanced RCA jacks for input of line-level CD audio signal, such as the PASCOM MCD-9600 Media CD Player.

The two inputs are summed (combined).

5. MIC INPUTS 2,3

These are balanced jacks for input of Mic-level signal to Mic inputs 2-3. Mic Inputs 2-3 are provided on three-pin XLR connectors, while Mic Input 2 is provided on balanced 1/4" TRS connector.

PRE AMPLIFIER

6. RECORDING OUTPUT

This is an unbalanced output for connection to an external recording device. The signal present at this output is the preamp master output (final mix) signal.

7. CHIME INPUT

This is an unbalanced 1/4" input jack for input of line-level chime input signal. When signal is present on this input, the muting circuit is automatically activated, temporarily muting input from all other inputs except Mic 1, Mic 2 and Mixer inputs.

8. TUNER INPUT

This is an unbalanced 1/4" input jack for input of line-level tuner input signal, such as the PASCOM DRT-9600 AM/FM Tuner.

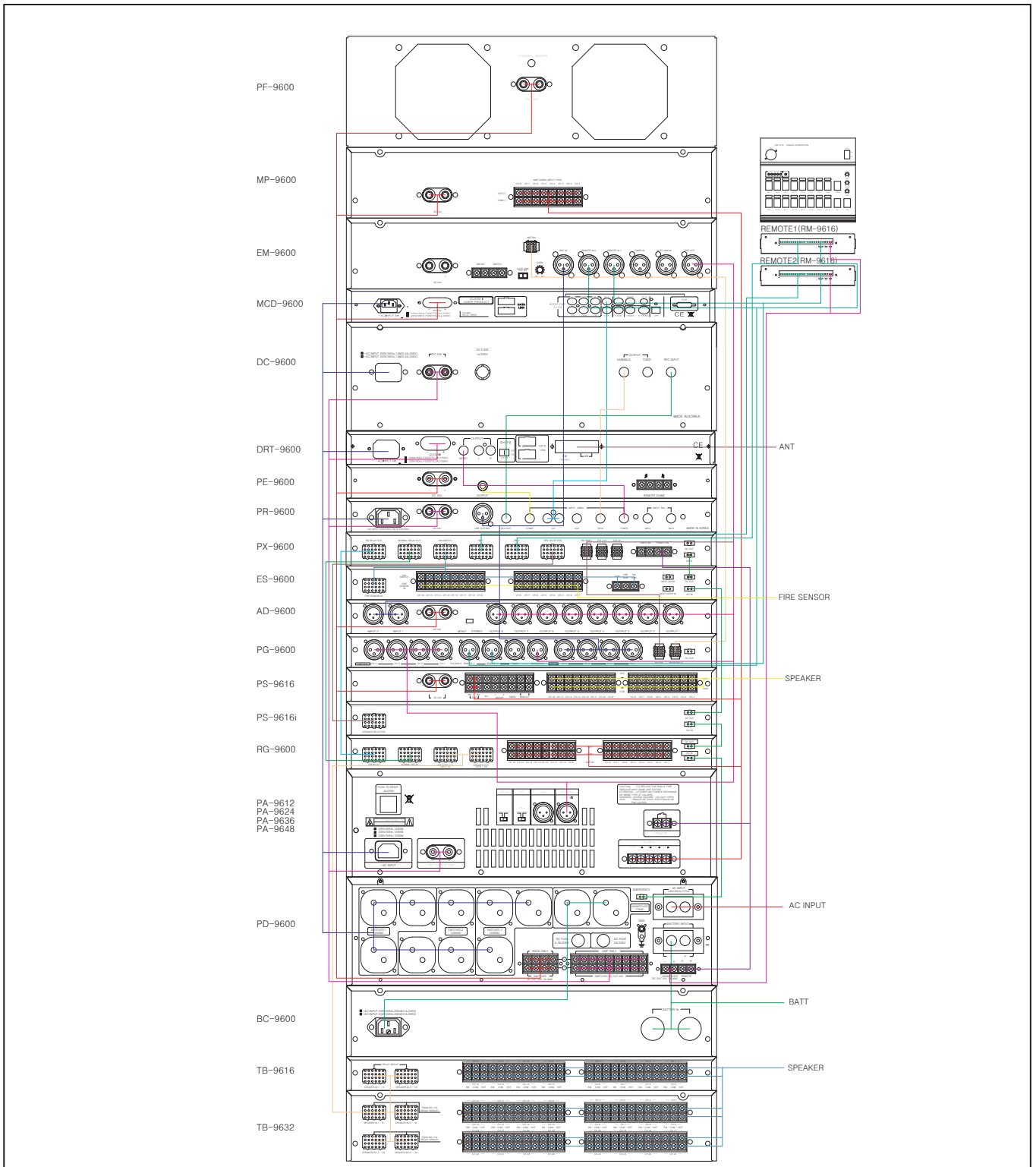
9. DECK INPUT

This is an unbalanced 1/4" input jack for input of line-level cassette/tape deck input signal, such as the PASCOM DC-9600 Dual-Cassette Deck.

10. AUX INPUT

This is an unbalanced 1/4" input jack for input of line-level auxiliary input signal.

Applications



Specifications

- ELECTRICAL

Frequency Response ($\pm 3\text{dB}$)	80Hz - 18kHz
Input Sensitivity/Impedance and Input Type	
Mic 1~3	1mV/600 Ω Balanced XLR
CD	1V/47k Ω Unbal, Dual RCA
Auxiliary	200mV/47k Ω Unbal, 1/4" Phone
Deck	200mV/47k Ω Unbal, 1/4" Phone
Tuner	200mV/47k Ω Unbal, 1/4" Phone
Chime	700mV/10k Ω Unbal, 1/4" Phone
T.H.D	Less than 1%
S/N	Better than 65dB
Tone Control	$\pm 12\text{dB}@100\text{Hz}$ (Bass) $\pm 12\text{dB}@10\text{kHz}$ (Treble)
Output Level	
Line Out	1.2V/600 Ω Balanced XLR
Recording Out	500mV/1k Ω Unbal, 1/4" Phone

- GENERAL

Power Source	AC 220V/ 50Hz
Power Consumption	3W
Weight	3.5Kg
Dimensions	482(W) \times 44(H) \times 280(D)mm

Note : Specifications and design subject to change without notice.

Service

Procedures

Ensure the problem is not related to operator error, or system devices that are external to this unit. Information provided in the troubleshooting portion of this manual may help with this process. Once it is certain that the problem is related to the product contact your warranty provider as described in the warranty section of this manual.

Schematic

A Schematic is available by contacting your warranty provider.

Parts List

A Parts List is available by contacting your warranty provider.

Warranty

Warranty terms and conditions vary by country and may not be the same for all products. Terms and conditions of warranty for a given product may be determined first by locating the appropriate country which the product was purchased in, then by locating the product type. To obtain specific warranty information and available service locations contact PASCOM directly in Korea or the authorized PASCOM Distributor for your specific country or region.

