

# **OPERATING MANUAL**

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**PUBLIC ADDRESS POWER**

**AMPLIFIER**

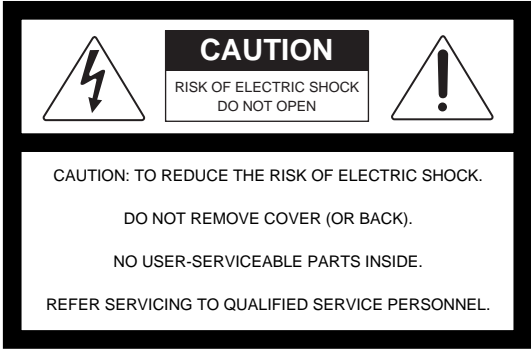


**PA-9336**

**interM**

## UNPACKING AND INSTALLATION

Although it is neither complicated to install nor difficult to operate your PA amplifier, 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 your amplifier and do not discard the carton and other packing materials. They 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, in excessively humid or dusty location to avoid early damage and for your years of quality use. Connect your complementary components as illustrated in the following page.

	 <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>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><b>WARNING</b></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 prévenir les chocs électriques ne pas utiliser cette fiche polarisée avec un prolongateur, une prise de courant ou une autre sortie de courant, sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.</p>
<p>To prevent fire or shock hazard, do not expose the unit to rain or moisture.</p>	

## FEATURES

- **THERMAL PROTECTION & AUTOMATIC IDLING CIRCUITRY**

To insure stability and reliability against over-current and over-heating, thermal protection circuitry is provided. In addition, automatic idling circuit is provided to protect against thermal run-away.

- **BALANCED INPUT**

A balanced input is provided to reduce hum picked up from a long distance input cable and to avoid ground loop problem when you build the system.

- **GAIN ADJUSTMENT**

You can adjust the input gain from  $-12\text{dB}$  to  $0\text{dB}$  (1V) by using of input gain adjust control.

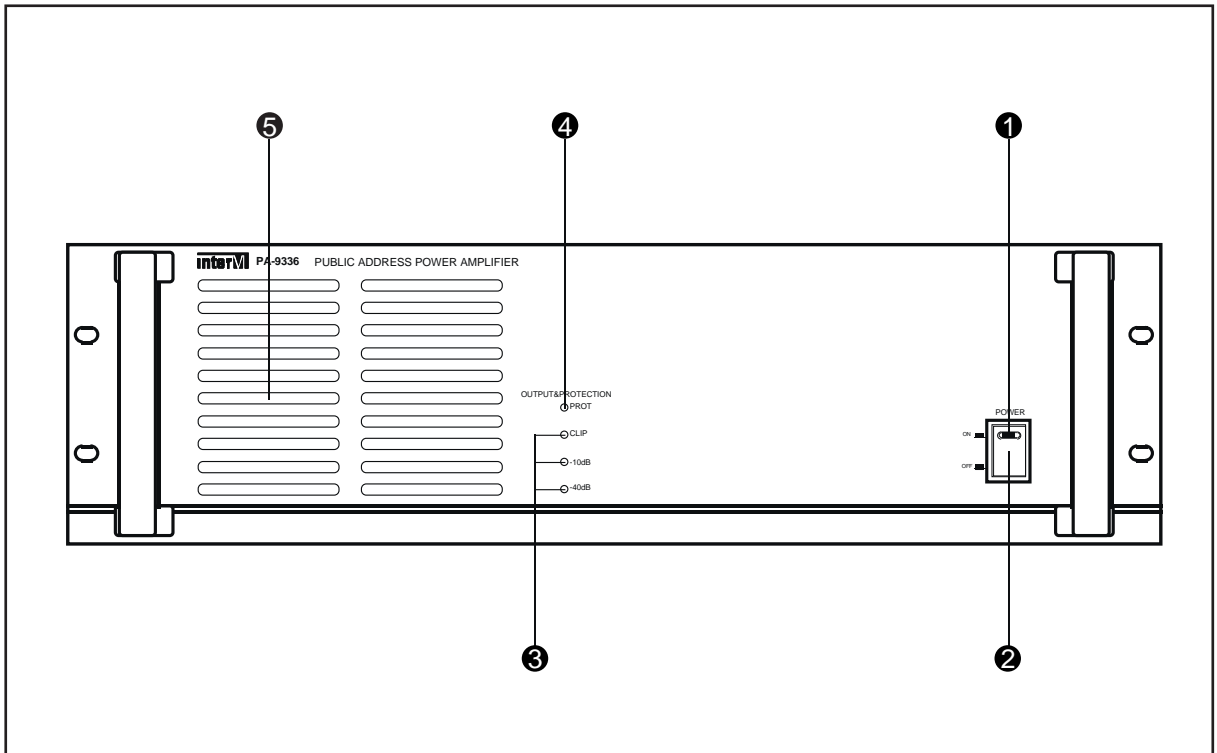
- **USE OF EMERGENCY BATTERY**

You can operate this PA amplifier by using emergency battery for unexpected AC power failure.

- **COMPACT SIZE**

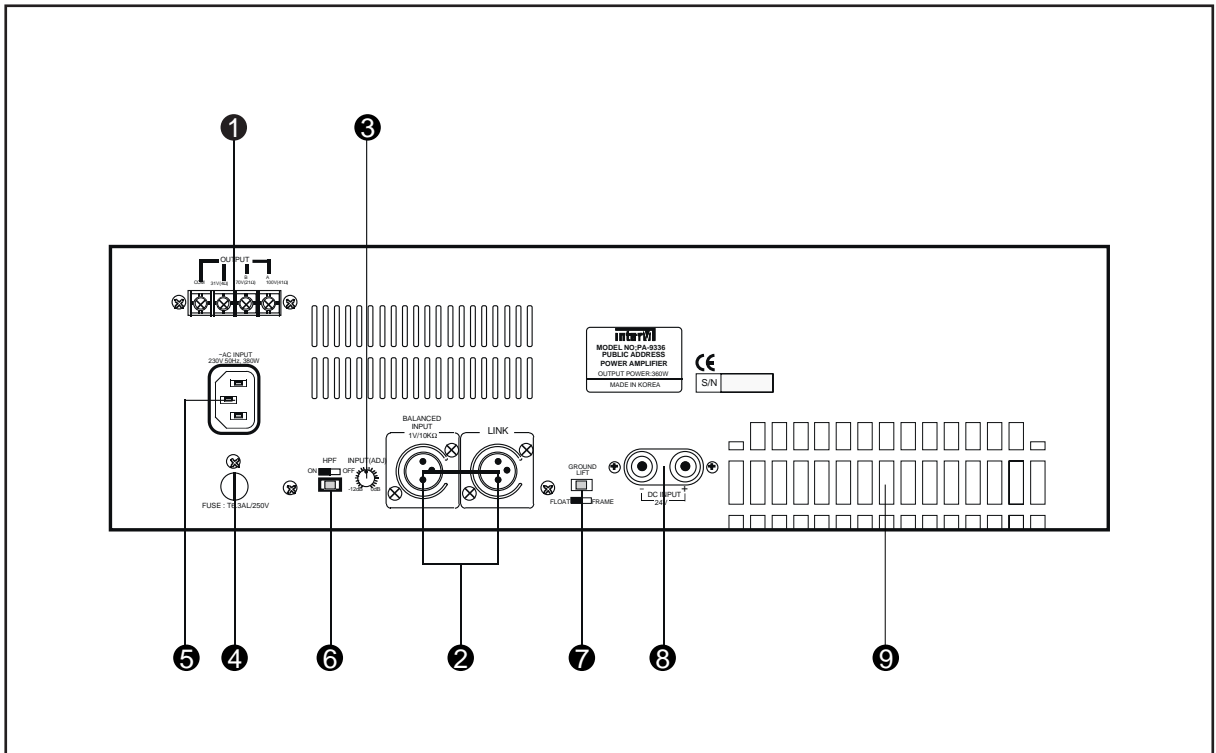
For valuable saving in rack space and slim exterior view, this amplifier is designed with a compact size of  $3\mu$ .

## FRONT PANEL CONTROLS



1. **POWER INDICATING LED**  
This LED indicates power is turned ON.
2. **POWER SWITCH**  
Pressing this switch to ON will make the power indicating LED ON and supply the power to unit.
3. **OUTPUT LEVEL INDICATORS**  
These LEDs indicates the output level of this amplifier. Be sure not to operate the unit with the clip LED ON continuously (RED).
4. **PROTECTION INDICATOR**  
This LED indicates the condition of the protection circuit. When the protection LED is "ON" the amplifier is not operating normally (power on delay, overheating and limiting), please check the INPUT/OUTPUT condition of the amplifier.
5. **FAN**  
The fans should be kept free of all obstructions and be accessible to cool fresh air when possible. It is important that the fans be used in a dust free environment.

## REAR PANEL CONTROLS



### 1. SPEAKER OUTPUT TERMINALS

These terminals are for connection of speaker lines to deliver power output to speakers. Impedance (voltages) of 4Ω, 8Ω, 70V and 100V are provided for convenience. In any case, use the speakers whose combined impedance is equal to or higher than the rated output impedance of amplifier.

- USA/CANADA & Associated Version

Impedance	4Ω	8Ω	13.6Ω
Output Voltage	38V	53V	70V

- EC & Associated Version

Impedance	4Ω	13.6Ω	27.8Ω
Output Voltage	38V	70V	100V

### 2. INPUT JACKS

These input jacks and terminals are for the balanced input signal. You can connect amplifiers in parallel by using XLR jack.

### 3. LEVEL ADJUST CONTROL

This control is for adjusting the level of amplifier from -12dB to 0dB with the reference input sensitivity of 0dB (1V). Rotating the control clockwise increases the level and counter-clockwise decreases the level.

### 4. FUSE HOLDERS

These fuse holders contain AC. Replace them with the same type fuse when they are blown out. If they continuously blow, stop replacing fuses and refer servicing to qualified personnel.

## 5. AC INLET

This terminal is connected AC input cord.

## 6. HIGH-PASS FILTER SWITCH

This switch is for activating the High-pass Filter circuit, to protect speakers from excessive low frequency power demands. The  $-3\text{dB}$  frequency of the High-pass Filter is 400Hz.

## 7. EARTH LINK SWITCH

This slide switch provides for separation of “safety” earth and “signal” earth to prevent from hum loops.

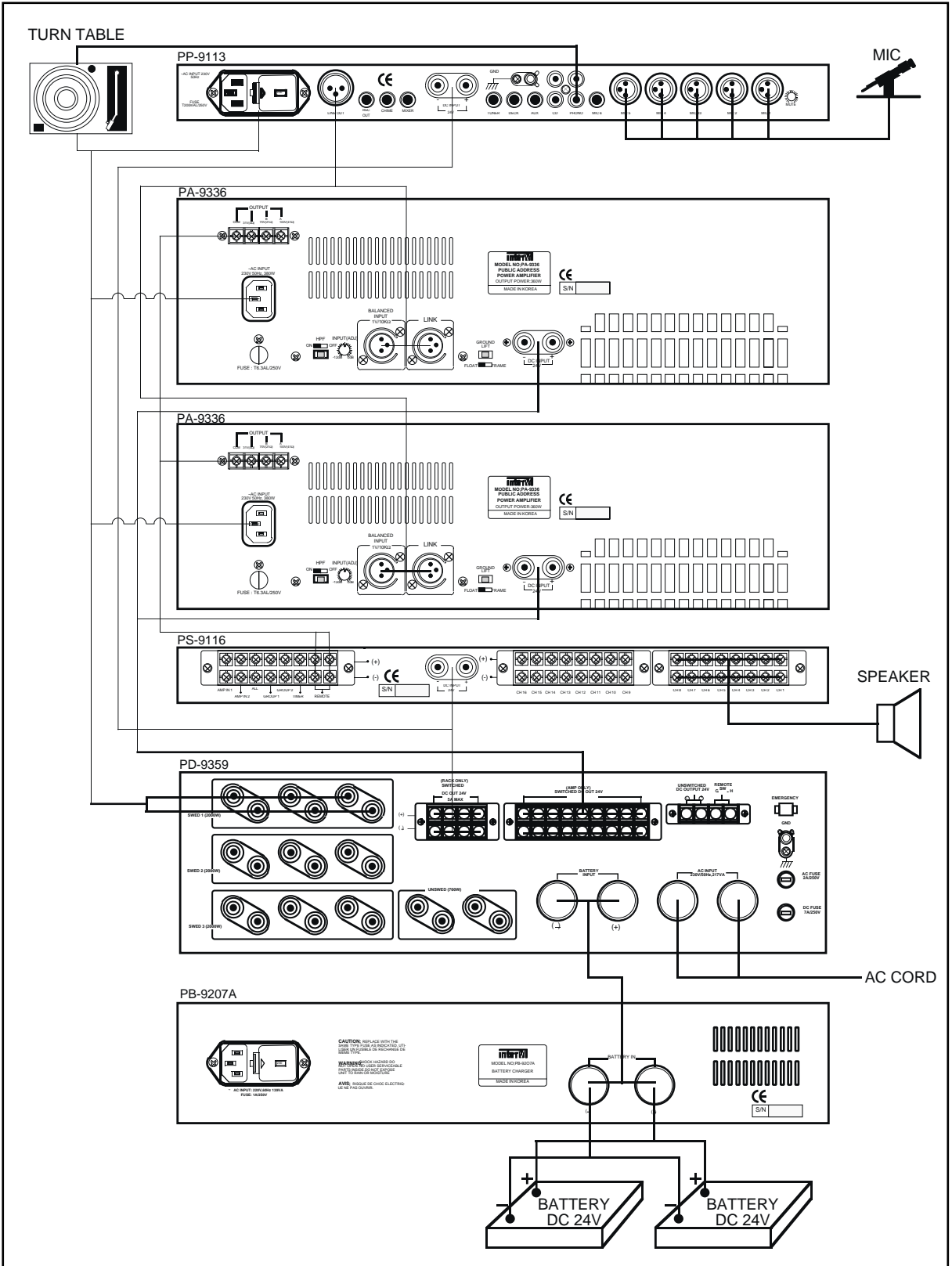
## 8. DC INPUT TERMINALS

These terminals are for connecting DC power supply of battery, Connect red colored terminal to positive lead of battery and black colored one to negative lead of battery.

## 9. VENTILATOR

This ventilator releases an heated air occurred inside the set.  
Be careful so that this ventilator is not closed by any obstruction.

**CONNECTIONS**





**interM**

MADE IN KOREA