

# PA-9312/9324

**interM**

## POWER AMPLIFIER



### FEATURES

- **THERMAL PROTECTION & AUTOMATIC IDLING CIRCUITRY**  
To insure stability and reliability against over-current and overheating, thermal protection circuitry is provided. In addition, automatic idling circuit is provided to protect against thermal run-away.
- **DUAL SPEED FAN COOLING**  
For good reliability, fan cooling is provided. And also, for low fan noise, fan driving is designed with dual speed circuit.
- **BALANCED INPUT**  
A balanced input is provided to reduce hum pick up from a long distance input cable and to avoid ground loop problem when you build the system.
- **PARALLEL CONNECTION**  
To increase power, XLR parallel connector is provided for multiple power amplifier driving.
- **INPUT LEVEL ADJUSTMENT**  
You can adjust the input level from -12dB to 0dB(1V) by using of input level adjustment control.
- **USE OF EMERGENCY BATTERY**  
You can operate this PA amplifier by using emergency battery for unexpected AC power failure.

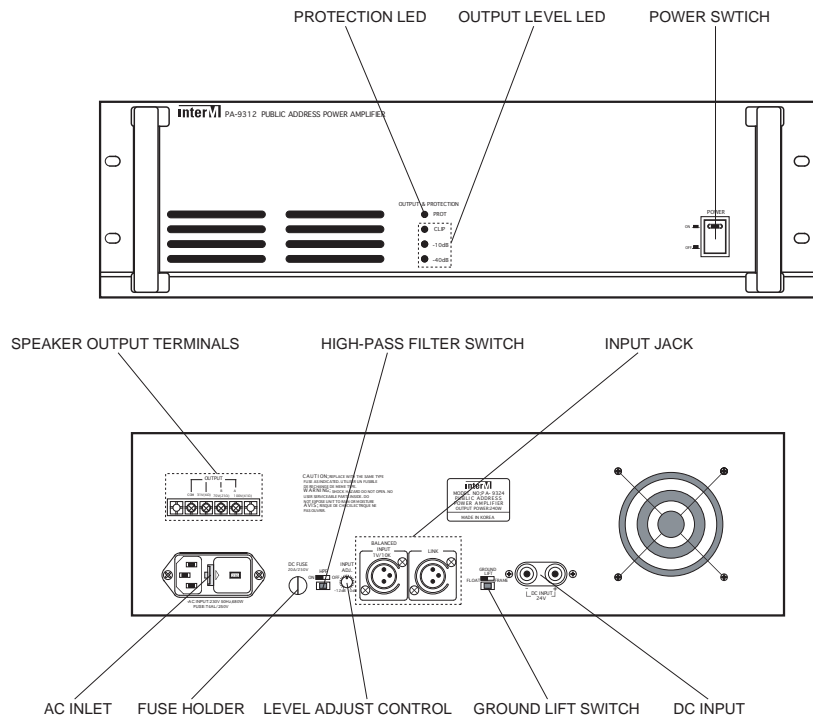
### SPECIFICATIONS

#### ■ ELECTRICAL

- Rated Output(THD 1%) \* 0dB=0.775Vrms  
.....PA-9312:120W(22V/4Ω,25V/5.2Ω,70V/41Ω,100V/83Ω)  
.....PA-9324:240W(31V/4Ω,25V/2.6Ω,70V/21Ω,100V/41Ω)
- Input Sensitivity/Impedance .....1V/10kΩ, BAL
- Frequency Response(+1/-3dB).....70Hz~18kHz
- T.H.D(at 1kHz Rated Output) .....Less than 1%
- S/N.....Better than 95dB
- High Pass Filter .....-3dB at 400Hz
- Input Level Adjustment.....-12dB~0dB

#### ■ GENERAL

- Power Source.....AC 110V-240V, 50/60Hz, DC 24V
- Power Consumption.....PA-9312:300W  
.....PA-9324:680W
- Weight.....PA-9312:14kg  
.....PA-9324:19kg
- Dimensions .....482(W)×132(H)×280(D)mm



BLOCK DIAGRAM

