

OPERATING MANUAL

G R A P H I C EQUALIZER

EQ-9231



interM

Unpacking and Installation

Although it is neither complicated to install nor difficult to operate your equalizer, 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 set 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 excessive 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.

Features

- **2 CHANNEL 31 BAND GRAPHIC EQUALIZER**

EQ-9231 contains 31 band for 2 channel, which intervals of each band has 1/3 octave from 20Hz to 20KHz.

- **40Hz LO-CUT SWITCH**

Switchable 40Hz Low Cut filter eliminates subsonic rumble and dangerous trashy low frequency.

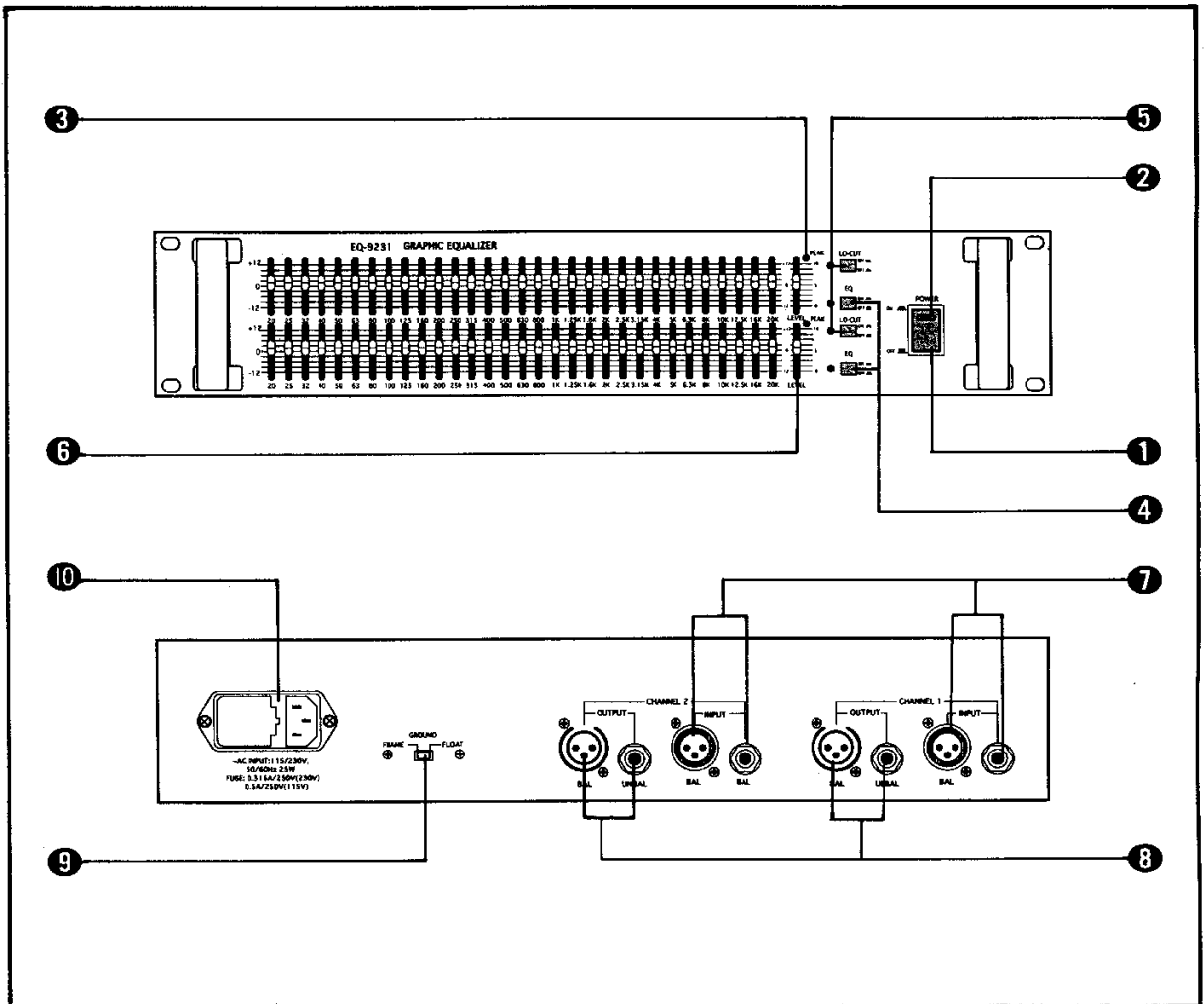
- **ACTIVE BALANCE CIRCUIT**

This unit utilizes an electronic balance circuit input and output, and it is designed to simultaneously use a XLR connector and phone jack.

- **EQ ON/OFF SWITCH**

When the EQ ON/OFF SWITCH is depressed, or AC power failure, the input signal is bypassed through the relay.

Front Panel & Rear Panel Controls



1. **POWER SWITCH**
Pressing this switch to on the power is supplied to this unit.
2. **POWER LED**
This LED indicates power is turned ON.
3. **PEAK**
The peak LED monitors the input signal level to make sure clipping or overload both before and after the EQ section.
4. **EQ SWITCH**
If you press it when the equalizer function is used, LED flashes. And you can use a EQ function.

5. LO CUT SWITCH

If you press it when the H.P.F function is used, LED flashes. This function is eliminates subsonic rumble and dangerous trashy low frequency.

6. LEVEL VOLUME

This control is used for adjusting the volume of input signal.

7. LINE IN

An input terminal which is connected with the output terminal of a preamplifier. You can use a phone jack together with a XLR (female) connector.

8. LINE OUT

An output terminal which is connected with the input terminal of a power amplifier. You can use a phone jack together with a XLR (male) connector.

9. GND SWITCH

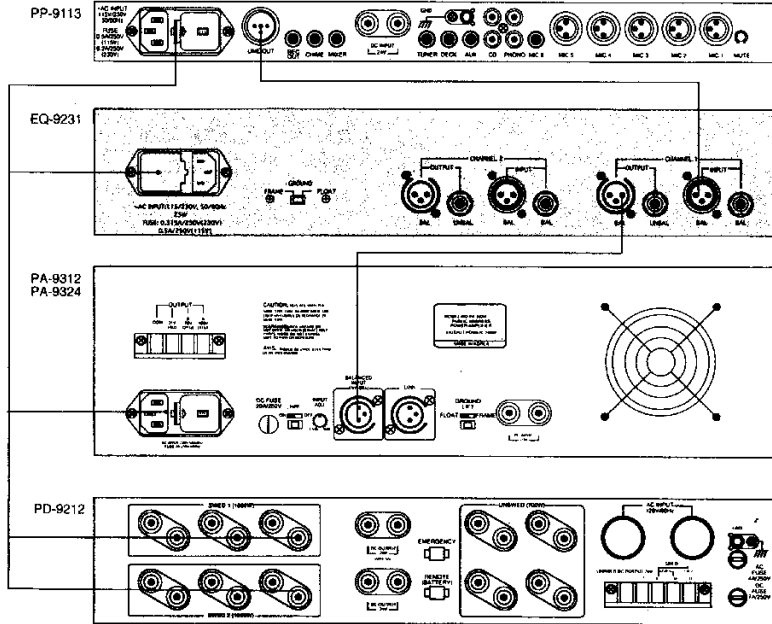
This SWITCH provides for separation of "safety" earth and "signal" earth to prevent from hum loops.

10. AC INLET

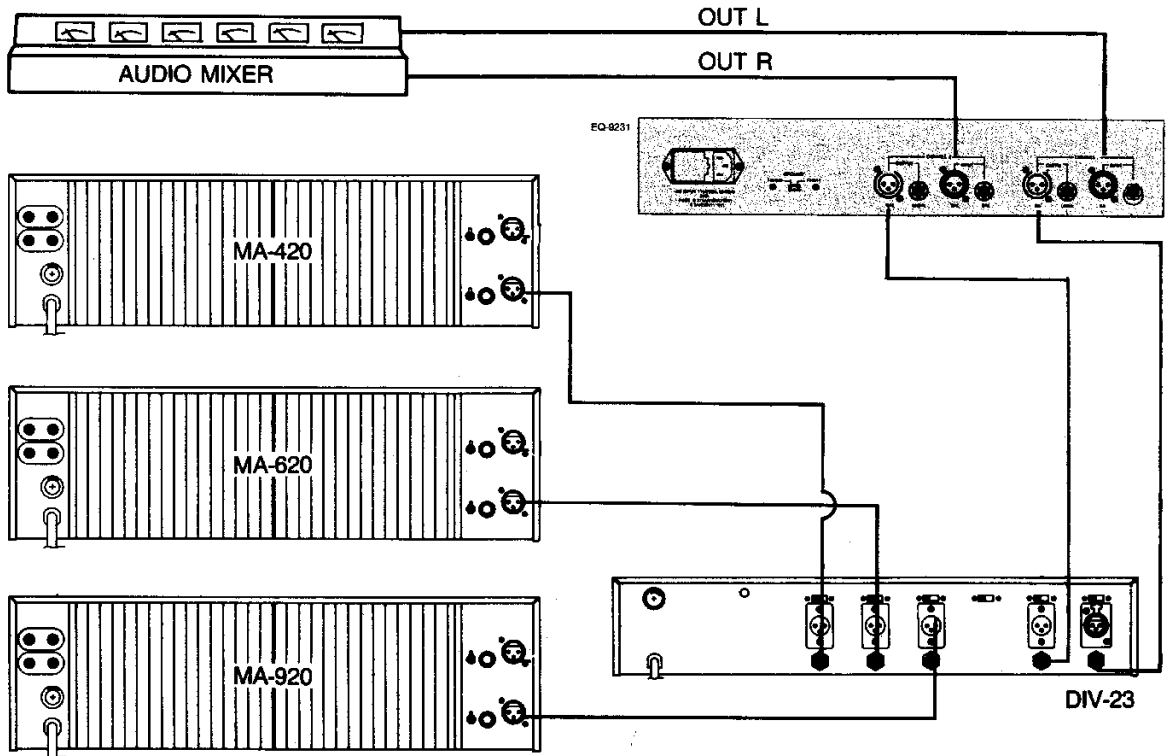
This terminal is connected AC input cord.

Connections

• FOR RACK SYSTEM INSTALLATION



• FOR MUSIC AMPLIFIER INSTALLATION



Specifications

- ELECTRICAL

Frequency Response	20Hz to 20KHz (± 1 dB)
Input Level	1V Balanced
Output Level	1V Balanced
Equalizer Level	± 12 dB
Equalizer Frequency	20, 25, 32, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, 1K, 1.25K, 1.6K, 2K, 2.5K, 3.15K, 4K, 5K, 6.3K, 8K, 10K, 12.5K, 16K, 20K
Low Cut Filter	- 12dB/oct
Signal to Noise	More than 80dB
T.H.D	Less than 0.01%

- GENERAL

Power Source	AC 115V/230V, 50/60Hz
Power Consumption	20W
Dimensions	482(W) \times 88(H) \times 280(D) mm
Weight	4kg

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MADE IN KOREA
NO : 9007965911