

POENVFPO POENVFPO9sp2ygmr4t

POENVFPO Stereo EQ Equalizer (Model: POENVFPO9sp2ygmr4t) Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your POENVFPO Stereo EQ Equalizer. This device is designed to enhance your audio experience by offering precise control over sound frequencies and balance.

KEY FEATURES

- **Hi-fidelity Sound:** Features TI NE5532 induction level operational amplifier for high fidelity and low noise audio.
- **Versatile Use:** Supports inputs for various electronics including turntables and guitars, with outputs suitable for speakers, headphones, AV receivers, and more.
- **Balance Adjustments:** Offers 3-band equalization with left and right channel balance, volume control, and high, medium, low three-segment balance adjustment.
- **Isolated Power Supply:** Equipped with an isolated booster power supply for signal purity and dynamic range, suitable for on-board use without common ground interference.
- **Mini Preattenuation:** NE5532 circuit provides pre-attenuation compensation (-15dB when power is off and 0dB gain when on), reducing noise interference for a pleasing sound.

PACKAGE CONTENTS

- 1 x POENVFPO Stereo EQ Equalizer
- 1 x Data Cable

SPECIFICATIONS

Item Type	Stereo EQ Equalizer
Power Supply	DC5V

Power Consumption	0.5W
Input Output Interface	Jack
Frequency Response	20HZ-20KHZ
Gain	12db
Equalization Range	+15db
Input Impedance	50KΩ
Output Impedance	600Ω
Material	Metal
Item Weight	12.4 ounces
Package Dimensions	7.09 x 4.72 x 2.36 inches
Model Number	POENVFPO9sp2ygmr4t
ASIN	B0DTJT2PPL

SETUP INSTRUCTIONS

Follow these steps to correctly set up your Stereo EQ Equalizer:

- Power Connection:** Connect the provided data cable to the DC5V power input on the rear of the equalizer. Ensure the power source is compatible.
- Audio Input:** Connect your audio source (e.g., electronics, turntables, guitars) to the "IN" jacks on the rear panel. Use appropriate RCA cables for left (L) and right (R) channels.
- Audio Output:** Connect your audio output device (e.g., speakers, headphones, AV receivers) to the "OUT" jacks on the rear panel. Use appropriate RCA cables for left (L) and right (R) channels.
- Power On:** Press the red "POWER ON/OFF" switch on the front panel to turn on the equalizer. A red indicator light will illuminate.



Figure 1: Rear panel connections for Input, Output, and DC5V Power Supply.



Figure 2: The equalizer unit shown with its included data cable for power.

OPERATING INSTRUCTIONS

Once connected, you can adjust the sound using the controls on the front panel:

Right and left channels balanced

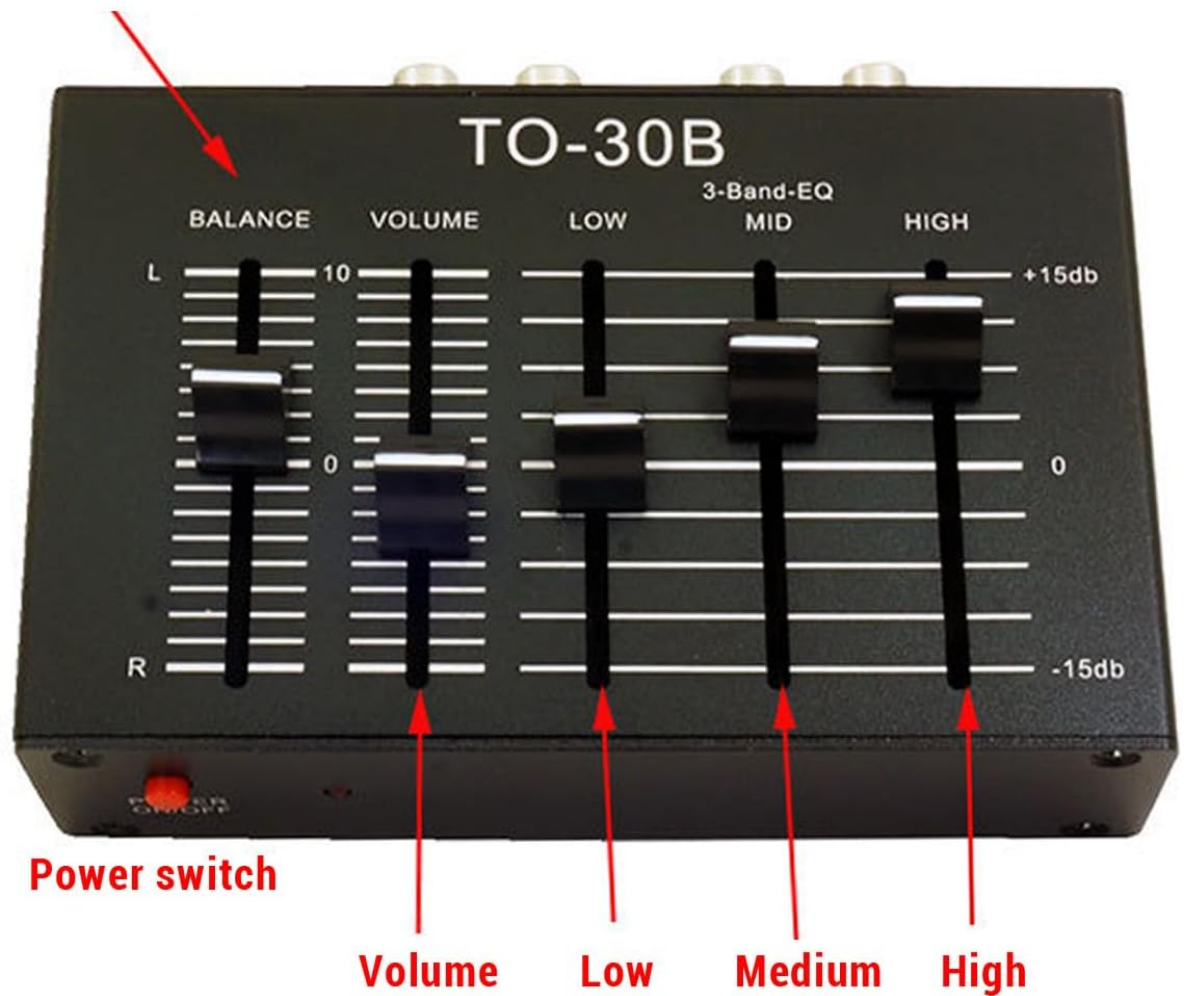


Figure 3: Front panel controls including Balance, Volume, Low, Mid, High, and Power switch.

- **Balance Control:** Use the "BALANCE" slider to adjust the audio level between the left (L) and right (R) channels. This allows you to compensate for imbalances in your audio setup or listening environment.
- **Volume Control:** The "VOLUME" slider adjusts the overall output volume of the equalizer.
- **3-Band EQ (Low, Mid, High):**
 - **LOW:** Adjusts the bass frequencies. Move the slider up to boost bass, or down to cut bass.
 - **MID:** Adjusts the mid-range frequencies, affecting vocals and many instruments. Move the slider up to boost mids, or down to cut mids.
 - **HIGH:** Adjusts the treble frequencies, affecting clarity and brightness. Move the slider up to boost treble, or down to cut treble.

These sliders allow for an equalization range of $\pm 15\text{dB}$.

- **Power On/Off:** The red button labeled "POWER ON/OFF" controls the main power to the unit.



Figure 4: The equalizer integrated into a home audio system, connected to a laptop and speakers.

MAINTENANCE

- Keep the unit clean by wiping it with a soft, dry cloth.
- Avoid using liquid cleaners or aerosols, as they may damage the finish or internal components.
- Ensure proper ventilation around the unit to prevent overheating.
- Store the equalizer in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

- **No Power:**
 - Check if the power cable is securely connected to both the equalizer and the power source.
 - Ensure the power outlet is functional.
 - Verify the "POWER ON/OFF" switch is in the "ON" position.
- **No Sound:**

- Confirm all audio input and output cables are correctly and securely connected.
- Check the volume levels on the equalizer and your connected audio devices.
- Ensure the audio source is playing and its volume is adequate.

- **Distorted Sound:**

- Reduce the volume on the equalizer or your audio source.
- Adjust the EQ sliders (Low, Mid, High) to ensure no single frequency band is excessively boosted, which can cause distortion.
- Check for loose or damaged audio cables.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0DTJT2PPL>

More documents and user manuals: <https://manuals.plus/>