Features
1. Two direct symmetric Combo XLR / TRS Inputs
2. Superior sound over wireless in ear systems
3. Switch-over for stereo to mix-mono mode 2 x 50mW
4. Controls for Level and Pan
5. Sturdy aluminum case with 5/8”-27 internal threads at the bottom, suitable for mounting on standard microphone stand or SA001 stand adapter
6. Operates with 9V Battery or included AC/DC adapter

Technical Data
Dimensions: 170x93x47mm
Net weight: 0.4kg
Input jacks: 2 x combos
Output jack: 3.5mm jack stereo
Frequency response: 30Hz - 20kHz +/-2dB
Min. impedance of the headphones: 16ohms per side
Input Impedence: 15 kohm
Nom. input level symmetric: 0dBV
Max. input level symmetric: +4dBV
Limit input level symmetric: +5dB
Max. output power into 20ohms: 50mW per channel
Max. operating current: 40 mA
Power supply: 9V battery
DC input socket: excl. input power DC 9V (PIN- RING+)

Caution:
Using this amplifier at too high sound levels may cause permanent hearing loss. Adjust the volume to a comfortable level. Ringing in the ears can indicate that the hearing level is too high. Using earbuds with the proper fit will help suppress the ambient noise and allow the user to adjust the volume to a lower level.
FRONT PANEL:

Description of the operating elements on the front panel:

1) 1/4” Stereo Output Jack
Connection for headphones or extension cable (such as EC-PRO-HEX10) [minimum impedance of 16 ohm per channel].
Maximum output power 50mW per channel
\[
\begin{align*}
tip &= \text{left signal} \\
ring &= \text{right signal} \\
sleeve &= \text{ground}
\end{align*}
\]

2) BATTERY LED’s
The green LED will be lit when the battery is at full power. When both red and green LED’s are lit it indicates that the battery is close to running down. When just the red LED is lit it indicates that it is time to change the battery.

3) VOLUME Control
Adjustment of the volume for both output channels.

4) PAN Control
STEREO Mode: Adjusts the balance between the L and R channels.
MIX-MONO Mode: Adjusts the ratio between L and R channels when independent signals (not stereo) are sent to the two input channels.

5) MODE Switch
STEREO Mode: The device outputs the signal fed into the left input to the left headphone and the right signal to the right headphone.
MIX-MONO Mode: Channel L and channel R are mixed and output to both headphones. By means of the Pan control the ratio between both channels can be adjusted.

REAR PANEL:

Operating elements at the rear panel:

1) POWER Switch
Switches the unit on and off.

2) XLR INPUTS (L) and (R)
These combination XLR/TRS balanced jacks connect to the input signal source.
\[
\begin{align*}
1 &= \text{ground} \\
2 &= \text{signal}+ \\
3 &= \text{signal}-
\end{align*}
\]
Maximum input level +5dB.

3) 9V DC socket
Please use the included AC/DC adapter or equivalent. Plugging in the adapter disengages the battery.
9V, 100mAH, -PIN +RING

MONO operation
To operate in MONO mode connect your input source to either R or L input, adjust the Pan to center position, and switch the MODE switch to MIX-MONO.

MIX-MONO operation
This operation mode is the easiest way to create a user-specific monitor mix. For example, an overall mono mix of the band is supplied to channel L while the signal of the particular musician is supplied to channel R. Thus the musician can individually adjust his optimum listening signal by means of the balance controller.