

PRO-SIGNAL



PSG3414

HI-RES HEADPHONE AMPLIFIER

IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before use and retain for future reference.

- Check that the voltage indicated on the PSU rating plate is correct for the local mains supply.
- Do not expose to excessive heat or locate where damp or moisture may enter the device.

OVERVIEW

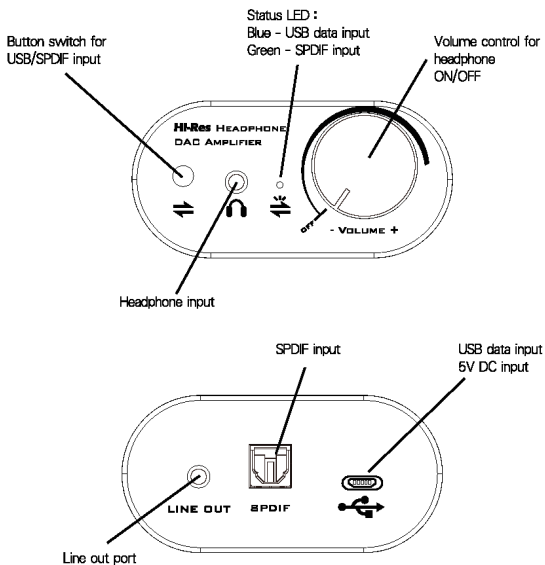
- This device amplifies source device audio via SPDIF or USB to Hi-Fi Headphones or line level output.

NOTE: Due to limitations in output current an external Lightning to USB converter may be required if the audio output from an iPhone is low quality or broken.

WHAT'S IN THE BOX

- 1 headphone amplifier.
- Instruction Manual.

FEATURES



OPERATION

- Press the USB/SPDIF button to select the input mode required.
- The LED will illuminate blue for USB and green for SPDIF input.

USB

- Connect the headphone amplifier to the input device (PC or USB equipped OTG phone).
- Connect your headphones to the output jack socket.
- Rotate the volume control to turn the amplifier on and your source device will recognise the amplifier as an external sound card.
- Adjust the volume level as required.

SPDIF

- Connect an SPDIF source device to the SPDIF input socket and provide a 5VDC power supply to the USB input using a suitable USB cable (not included).
- Connect your headphones to the output jack socket.
- Rotate the volume control to switch the amplifier on.
- Adjust the volume level as required.

- Alternatively to headphones, connect an external line level device to the output jack.

MAINTENANCE

- Use a soft cloth to wipe off any dust. If the device is very dirty, use a damp cloth and wipe dry.
- Do not use any chemicals, abrasives or solvents that could damage the casing.

SPECIFICATIONS

Power Requirement:	5VDC 0.25A via USB
Supported systems:	Windows 7 and up Apple MAC OS/IOS Android with OTG
Input interface:	USB in / Toslink in
Output interface:	3.5mm line level
Frequency response:	20Hz-20kHz
Distortion:	0.001%@1kHz (32 Ohm)
Headphone impedance:	16 Ohm - 600 Ohm
Output impedance:	<1 Ohm
Output power:	262mW @32 Ohm
Dynamic range:	127dB



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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