

**TECHNICAL SPECIFICATIONS**

Input sensitivity/impedance:	200 mV/10 kOhm
Power output:	300 mW (100 Ohm)
Signal-to-noise ratio (unweighted):	85 dB
Distortion (THD, 1 kHz, 100mW):	<0.05%
Frequency range:	10 Hz-50 kHz ( $\pm 0.5$ dB)
Power consumption:	<15 W
Dimensions:	9x6x22 cm (W/H/D)
Weight:	1.5 kg

**WARRANTY**

If within three years of the purchase date your Heed CanAmp proves to be defective for any reason other than accident, misuse, neglect, unauthorised modification or fair wear and tear, Heed Audio Ltd. will, at its discretion, replace the faulty parts without charge for labour. This factory warranty is valid only for units sold into countries with no appointed Heed distributor. **Service enquiries in countries with appointed distributor should be addressed first to the supplying dealer and or Heed distributor/importer. Warranties granted in these countries are entirely at the discretion of distributor.**

**DISTRIBUTOR CONTACT****FACTORY CONTACT**

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# HEED CanAmp

## headphone amplifier



*Dear Music Lover,*

Thank you for choosing our product!

In designing the Heed CanAmp, our objective was to produce a headphone amplifier that conveys all the emotional content and immediacy of your recordings faithfully, allowing the atmosphere, tension, and excitement of the original performance to shine through in an organic, true-to-life fashion.

We sincerely hope that you will agree, and that your CanAmp will provide you with many years of impeccable, trouble-free operation.

Happy listening!

*The Heed Team*

Your Heed CanAmp headphone amplifier is designed to offer the finest performance available by avoiding compromise, wherever possible. This guide contains advice specifically related to using this amplifier, as well as more general warnings about the use of domestic audio components.

**Please read them carefully.**

## precautions

**Instructions** — All safety and operating instructions should be read and adhered to exactly as written here or as depicted on the unit. Please retain for future reference.

**Water and Moisture** — The unit should not be used near water - that is, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or swimming pool, etc.

**Heat** — The unit should be situated away from heat sources such as radiators, stoves, or other appliances that produce heat.

**Power Sources** — The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.

**Power-Cord Protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

**Lightning** — For added protection during a lightning storm, or when left unattended and unused for long periods of time, unplug the unit from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

**Object and Liquid Entry** — Care should be taken so that objects do not fall into and liquids are not spilled into the inside of the unit. For this reason, no objects filled with liquid, such as vases or drinking glasses should be placed on the equipment

**Damage Requiring Service** — The unit should be serviced by qualified service personnel when:

- The power-supply cord or the plug has been damaged;
- Objects have fallen, or liquid has been spilled into the unit; or the unit has been exposed to rain respectively;
- The unit does not appear to operate normally or exhibits a change in performance;
- The unit has been dropped, or the cabinet damaged.

This amplifier does not have any user serviceable parts. It is essential that repairs and updates are only carried out by our authorised trade partners – distributors and dealers – , or at the factory by Heed Audio itself. Many components are custom made, tested or matched and appropriate replacements are often unobtainable from other sources.

**Therefore, users should not attempt to service the unit beyond those means described in the operating instructions, or under any circumstances allow anyone to modify it. Unauthorised repairs or modifications will invalidate the guarantee of the unit.**

**Grounding or Polarization** — Precautions should be taken so that the grounding or polarization is not defeated.

**Radio interference** — All Heed components are designed to provide reasonable protection against harmful interference in a domestic installation. However, there is no guarantee that interference will not occur in a particular installation. If your CanAmp does cause harmful interference to radio or television reception, which can be determined by turning off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between amplifier and receiver (radio tuner, television set, etc.);
- Connect the equipment into a power outlet on a circuit different from that to which the receiver is connected;
- Consult your Heed dealer or an experienced radio/TV technician for help.

**Maintenance / Cleaning** — It is recommended to dust the equipment from time to time with a soft dry cloth. Do not use cleaning solvents or abrasives for cleaning!

**Always switch off and unplug the unit from the power supply when cleaning!**

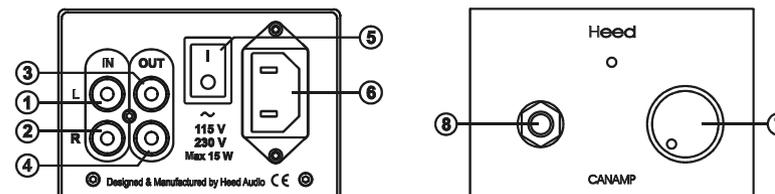
## installation

### CONNECTION TO MAINS SUPPLY

**Before performing any connections or disconnections ensure that the power on/off switch (5) of the unit is in "off" position.**

**Always check that the voltage and frequency of the mains supply corresponds to the specifications as labled on the unit!**

- ▼ Connect the power cord's IEC type plug into the power inlet connector (6) of the CanAmp.
- ▼ Connect the power cord's mains plug to your power outlet.



### CONNECTION TO SOURCE

You find 2 pairs of high quality phono sockets (RCA jacks) on the rear panel.

The sockets ((1, 2) marked **IN** are to take the signal either directly from a source component (CD/DVD-player, music server or an analogue turntable via phono stage), or indirectly via the **TAPE OUT** of an amplifier. When connecting the CanAmp ensure that the pair of interconnect cables you use are phased correctly i.e. "+" (red) to "+" and "-" (black) to "-" to the input sockets.

The second pair of sockets (3, 4) marked **OUT** are to chain link the signal on to the next component in the system, therefore can also be used to link the headphone amplifier signal to the input of a Tape or Digital Recorder.

**Once the unit is connected to mains supply, as well as to a source component or amplifier, remove the protective film from the front panel. You can detach it by peeling off and grabbing the film at any of the corners.**

### CONNECTION TO HEADPHONES

Plug your headphones into the socket on the front panel (8). You can use any quality headphones with the CanAmp, optimum results can be achieved, however, with types having an impedance from 32 ohms up to 600 ohms.

## operation

When all connections are correctly completed, your CanAmp is ready for action!

- ▼ **Turn the Volume Knob down** (7) counter-clockwise to the minimum setting.
- ▼ **Switch on your CanAmp** with power on/off switch (5) on the rear. The small blue LED on the front panel will light up. Though it is ready for use now, allow some time (min. 5-10 minutes) for warming up.

Please note: If your unit was transported or stored in cold environment allow it to warm up to room temperature before switching on!

- ▼ **Switch on your source component** (CD- or DVD-player, music server or turntable).
- ▼ **Begin playing** the source component.
- ▼ **Adjust the volume level** with the Volume Knob (7) to your preferred setting.
- ☺ **Sit back and enjoy!**

It is necessary for the CanAmp to be 'burned in' for at least 72 hours before its full sound quality potential can be realised. As the CanAmp draws very little power, unless it is out of use for a long period, it is recommended to leave it switched on permanently.

Should any problems be experienced with installing or operating the unit, contact your local dealer. If you are unable to do so, or problems persist, however, do not hesitate to contact our distributor in your country, or us directly at Heed Audio ...we're here for you! **see contacts**