

INSTALLATION & OPERATION OF NAD PP 1

- Please make sure all ancillary equipment is turned off, and that the NAD PP 1 is not yet connected to its dedicated Power Supply.
- Connect the leads from the turntable to the input sockets on the back of the NAD PP 1. Make sure you connect the Right channel to the Right input; the Left channel to the Left input; Normally, a Red connector denotes the Right Channel; White or Black denotes the Left channel.
- Connect a suitable lead from the NAD PP 1 to the amplifier or receiver. Always use a so-called 'Line-Lever' input, such as CD, AIDE, Tuner or Tape. *Never* connect the lead from the NAD PP 1 to an input marked Phono or turntable. Again, make sure to connect the Red plug to the Right channel, and the White plug to the Left channel of the amplifier or receiver.
- If the lead from your turntable is equipped with a separate earth lead, connect this directly to a ground connection on the amplifier or receiver. Usually, the metal back panel of an amplifier provides grounding by means of a small terminal. If this is not available, you can connect the earth cable directly to the back panel, by means of placing the wire under a screw in direct contact with the metal of the back panel; for instance, the screw holding the top cover to the back panel. Almost all receivers provide a ground terminal with the antenna input; this terminal is usually marked 'GND' or with the symbol " \perp ". If an antenna is connected, you can simply add the wire to this terminal.
- Connect the dedicated Plug-in Power Supply to the NAD PP 1 (marked 15V).
- Insert the Plug-in Power Supply to a live mains socket; the green LED on the NAD PP 1's front panel will light up.
- Installation is now complete. As the power consumption of the NAD PP-1 is negligible, it can always be left switched on. It is recommended however that you disconnect the Plug-in Power supply from the mains if you are not going to use the NAD PP 1 for a prolonged period of time (such as a holiday).

To play a record:

- Ensure that the volume on the amplifier or receiver is set to a low level.
- Select the input on the amplifier or receiver to which the NAD PP 1 is connected, use amplifier or receiver and turntable as normal, set to desired volume level.

Troubleshooting:

Always turn down the volume to a low level or turn off all equipment before checking.

| Problem | Cause | Solution |
|-----------------------------|---|---|
| • No sound | <ul style="list-style-type: none"> • (LED is not lit) Power Supply not connected to either NAD PP 1 or mains socket • (LED is lit) Wrong input on amplifier / receiver selected • Plugs from turntable and / or lead from PP 1 to amplifier / receiver sockets not properly fitted | <ul style="list-style-type: none"> • Plug in dedicated Power Supply • Select input to which NAD PP 1 is connected • Check all connections (make sure to turn off all equipment beforehand) |
| • Sound in one channel only | <ul style="list-style-type: none"> • Plugs from turntable and / or lead from PP 1 to amplifier / receiver sockets not properly fitted | <ul style="list-style-type: none"> • Check all connections (make sure to turn off all equipment beforehand) |
| • Hum or Buzz noise | <ul style="list-style-type: none"> • No connection from turntable to ground • Earth loop present • Interference from nearby equipment | <ul style="list-style-type: none"> • If present, connect earth lead from turntable directly to amplifier / receiver • If present, disconnect turntable's earth lead from amplifier / receiver • Move NAD PP-1 and cables further away from other equipment |

SPECIFICATIONS

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| Input impedance (R and C) | 47 k Ω + 220pF |
| Input sensitivity (ref. 200mV output) | 2.5mV |
| Signal to noise (A weighted, with cartridge connected) | 78dB |
| (Unweighted, with cartridge connected) | 72dB |
| Input overload (20Hz/1kHz/20kHz) | 55/63/580mV |
| Rated distortion (THD 20Hz - 20kHz) | 0.04% |
| RIAA response accuracy | ± 0.5 dB |
| Dimensions excl. Power supply (W x H x D) | 135 x 35 x 70 mm |

NAD ELECTRONICS LTD

DESIGNED AND ENGINEERED IN LONDON, ENGLAND

MODEL: PP 1 PHONO PRE-AMPLIFIER

CUSTOM MANUFACTURED TO NAD SPECIFICATIONS

NOTE: NAD reserves the right to change specifications or design at any time without notice. All specifications are those in effect at time of printing.
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