PP 4 Digital Phono/USB Preamplifier
PP 2e Phono Preamplifier

Show your vinyl collection some serious love. Offering superb measured and sonic performance, NAD's two simple solutions, the PP 4 Digital Phono/USB Preamplifier and the PP 2e Phono Preamplifier, make it easy to add phono to many of today's stereo amplifiers and AV receivers that have either eliminated the phono input or included a low quality circuit for attaching your turntable. As part of NAD's commitment to the environment, both the PP 4 and PP 2e feature a more efficient "green" power supply that reduces power consumption. The PP 4 goes one step further with a USB interface, shielded USB cable and recording level control which combine to reduce noise and improve the analogue-to-digital conversion process. The PP 4's Auto Power Down feature saves energy by automatically powering the PP 4 to OFF when not in use.

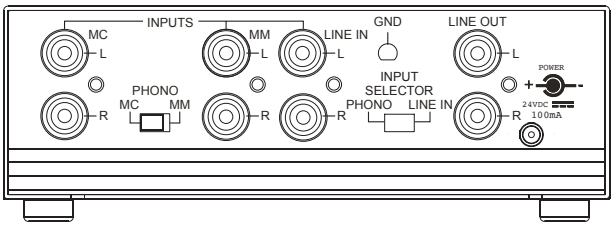
NAD PP 4

Our PP 4 Digital Phono/USB Preamplifier enables you to digitise your treasured vinyl collections to a PC or Mac. It features inputs for both MM (moving magnet) and low noise MC (moving coil) types for a wide variety of phono cartridges, and there is a line input to allow for the transfer of cassette tapes. The PP 4 also includes VinylStudio Lite Software for ripping LPs and burning audio CDs. The PP 4 Phono-to-USB Preamp offers a complete hardware and software solution with exceptional flexibility to record from LP or tape.

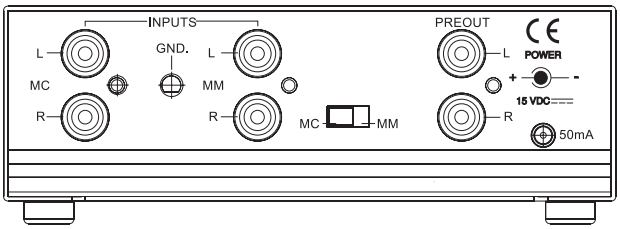
NAD PP 2e

The PP 2e Phono Preamplifier offers superb performance in a clean and simple package for a very reasonable cost. Perfect for the budget-conscious audiophile, the PP 2e's moving coil/moving magnet input selector provides different phono cartridge options. Our PP 2e is incredibly easy-to-use and is certain to bring years of enjoyment to any lover of vinyl LPs. The PP 2e's Auto Power Down feature saves energy by automatically powering the PP 2e to OFF when not in use.

PP 4



PP 2e



Specifications

MC		PP 4	PP 2e
Input Impedance (R and C)		100Ω + 180pF	100Ω + 180pF
Gain at 1kHz		58dB	60dB
Input sensitivity (ref. 200mV output)		0.38mV	0.3mV
Signal to noise	(A weighted, with cartridge connected)	78dB	78dB
Input overload (20Hz/1kHz/20kHz)		0.65/6.5/60mV	0.8/9/84mV
Rated Distortion (THD 20Hz - 20kHz)		<0.03%	<0.03%
RIAA response accuracy		±0.3dB	±0.3dB
Infrasonic filter	5Hz	-14dB	
	10Hz	-3dB	
Digital output (USB)		16 bit linear PCM	
Sampling frequency		48kHz	
Dynamic range		86dB	
MM			
Input Impedance (R and C)		47kΩ + 200pF	47kΩ + 200pF
Gain at 1kHz		35dB	35dB
Input sensitivity (ref. 200mV output)		5mV	2.5mV
Signal to noise	(A weighted, with cartridge connected)	76dB	80dB
Input overload (20Hz/1kHz/20kHz)		10/100/900mV	10/102/950mV
Rated Distortion (THD 20Hz - 20kHz)		<0.03%	<0.03%
RIAA response accuracy		±0.3dB	±0.3dB
Infrasonic filter	5Hz	-14dB	
	10Hz	-3dB	
Digital output (USB)		16 bit linear PCM	
Sampling frequency		48kHz	
Dynamic range		89dB	
Record Level		0dB to -6dB	
Dimensions excl. Power supply (W x H x D)*		135 x 49 x 72mm (5 5/16 x 1 15/16 x 2 7/8")	135 x 49 x 72mm (5 5/16 x 1 15/16 x 2 7/8")
Line In			
Input Impedance		47k + 180pF	
Rated Distortion (THD 20Hz - 20kHz)		<0.008%	
Signal to noise, A weighted		-115dB	
Maximum Input Level		5.3V	
Line Out			
Output Impedance		100Ω	100Ω
Maximum Output Level		5.3V	5.3V

*Gross dimensions include feet, extended buttons and rear panel terminals.

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