

# YBA

## PRODUCT INFORMATION

### GENESIS PH1 PHONO PREAMPLIFIER



The PH1 caters for MM, low output MC and high output MC cartridges. Never connect MM and MC cartridges at the same time as there will be a possibility with the high amplification factor that some noise could occur at the output stage. The selector control on the front panel of the PH1 has only two options (MM or MC) even though it accepts high output MC. The circuitry has been designed so that it will automatically sense which type of moving coil cartridge is being used and settings will adjust accordingly provided the correct selection is made from the toggle switch on the rear panel.

The power supply of the PH1 is provided by 10 NCR18650 batteries charged via a 24V power adaptor. The PH1 must be fully charged prior to use, a simple process with all necessary information clearly displayed. In full use conditions, the batteries can be charged up to 10,000 times with each full charge lasting for up to 8 hours.

Yves-Bernard André has designed a specific moving coil transformer for use in the PH1. Because of its design, the YBA transformer is uniquely suited to meet the different characteristics of moving coil cartridges. It allows for the finest details of a reading to be highlighted at a very high level.

#### YBA MC TRANSFORMER TECHNICAL CHARACTERISTICS

Cartridge impedance	3Ω to 100Ω
Output impedance	47kΩ
Bandwidth	10 HZ to 150 KHZ
Gain	26 dB
Shielding full mu-metal	Double

#### Input impedance and Gain

Moving Magnet (MM)	Input impedance 47 kOhm 45dB Gain
Moving Coil (MC)	Input impedance 2 - 100 Ohm 65 dB Gain
High Output Moving Coil	Input impedance 47 kOhm 50dB Gain
SNR	90dB (A weighted @ 40dB input gain)
THD	<0.005%
RIAA accuracy	Within 0.3dB/20Hz - 20kHz
Outputs	1 RCA 1 Balanced
Inputs	2 RCA Analog Signal Inputs
Display	OLED
Finish	Black brushed aluminium and acrylic
Power Supply	10 pcs NCR18650 with 24V DC power adaptor
Dimensions	215 x 335 x 115 mm
Weight	4 kg