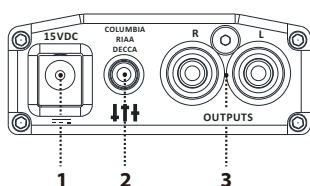


micro **BLACK LABEL** **iPhono3**



1. DC 15V Power input

The iPhono3 Black Label must ONLY be powered by 15 volts.

Tip: For best performance, use the included ultra-low noise iPowerX 15V power supply.

2. EQ Curves Selection

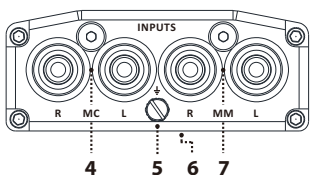
This is the EQ curves selection switch.



Tip: For best performance switch to the setting most suited to your LP's EQ curve.

3. RCA analogue output

This is an analogue output.



4. MC input

This is a MC input suitable for MC cartridges to an output voltage $\leq 1\text{mV}$.

5. Ground

This is iPhono3 Black Label's ground, please connect it to the turntable's grounding wire.

6. Settings Switches

The settings switches are located on the underside of iPhono3 Black Label.

Tip: For best sound performance adjust the gain, load and EQ curve settings in accordance with your preference, turntable's specifications and LP's EQ curve.

*Tip: EQ Curves
Columbia*: most Columbia/CBS, Epic, EMI (records originally issued under Columbia) etc.*

RIAA: standard EQ curve for all records issued after 1980s and some after 1950s. There are four different types of RIAA EQ available, e.g. eRIAA, IEC, RIAA, eRIAA+IEC. Adjust it via the micro switches located on the underside of iPhono3 Black Label.

Decca: most Decca, London, Deutsche Grammophon (DG), Archiv, EMI, Argo, NAB etc.*

** For pre-1980 records*

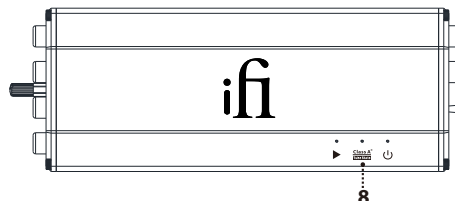
If an LP sounds overly bright, edgy, thin and lacking scale and body via RIAA EQ, please try Decca EQ.

If an LP sounds both too bright and with muddy overblown bass, please try the Columbia EQ.

Tip: For further guidelines please see the enclosed instructions or go to our website <https://ifi-audio.com/iphono-calculator/>.

7. MM input

Suitable for MM and high-output MC cartridges with an output voltage $> 1\text{mV}$.



8. LEDs



Technologies

- 6 x EQ curves: RIAA/eRIAA/IEC/eRIAA+IEC/Decca/Columbia
- Ultra-wide gain options: 36-72dB
- Direct-coupled, servoless Class A TubeState amplifier
- Nichicon audio-grade power supply capacitors
- ELNA Silmic II capacitors, Panasonic OSCON aluminum polymer capacitors
- High performance JFET opamps
- Hand-matched ultra-low noise bi-polar transistors

Specifications

Input voltage:	15V/1.2A, AC 100-240V, 50/60Hz (with iPower X)
Frequency response:	10Hz - 100KHz ($\pm 0.3\text{dB}$) 20Hz - 20KHz ($\pm 0.2\text{dB}$)
Dynamic range:	MM(36dB): $> 108\text{dB}$ (A-weighted) MC(60dB): $> 106\text{dB}$ (A-weighted)
SNR:	MM(36dB): $> 85\text{dB}$ (A-weighted re. 5mV) MC(60dB): $> 85\text{dB}$ (A-weighted re. 0.5mV)
Overload margin:	MM(36dB): $> 26\text{dB}$ (re. 5mV, @ 1% THD) MC(60dB): $> 22\text{dB}$ (re 0.5mV, @ 1% THD)
Crosstalk:	$< -71\text{dB}$ (1kHz)
Max undistorted output:	7V (Load $\geq 600\Omega$, THD $\leq 1\%$)
THD:	$< 0.005\%$ (MM 36dB 1V out 600 Ω Load)
Output impedance:	$< 100\Omega$
Power consumption:	$< 5\text{W}$
Dimensions:	178 x 64 x 26 mm 7.0" x 2.5" x 1"
Weight:	265 g (0.58 lbs)
Warranty period:	12 months

Specifications are subject to change without notice.

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Ver1.1