



144mm



239mm

iCAN PHANTOM

Analogue headphone amplifier + stereo preamplifier

XSpace

Dual-holographic analogue matrices for headphones and loudspeakers.

15,000

The T-Rex of headphone amplifiers

XBass II

10/20/40Hz analogue bass correction system.



Professional headphone amplifier and high-end preamplifier with NOS GE5670 tubes.



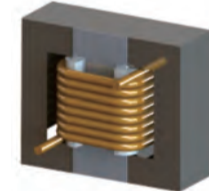
Capacitive Battery Power Supply



User-selectable amplification modes, the liveliness of Solid-State and the luxurious sound of Tubes.



Perfect Matching



Ultra-wide Bandwidth Hand-Wound Permalloy Core Transformer

144mm



SPECIFICATIONS

Gain: 0dB, 9dB and 18dB user-selectable

THD + N
Solid-State Tube: 0.002%
Tube: 0.012%

Frequency Response: 0.5Hz to 500kHz (-3dB)

SNR:
Balanced: 50.07%
UnBal: 50.06%

Output Power:
Balanced: $15.000mW$ (@ 16 Ω)
UnBal: $5.760mW$ (@ 16 Ω)

Output Voltage:
Balanced: 2.7V (@ 600 Ω)
UnBal: 1.4V (@ 600 Ω)

ESL Output Voltage:
Balanced: 14.0V (@ 600 Ω)
UnBal: 7.0V (@ 600 Ω)

Dimensions: 256 x 185 x 120 mm (10.1" x 7.3" x 4.7")

Power consumption: 2.7W (idle), 7.5W max.

Input voltage: DC 1.2V/4A or 1.5V/3A (Phantom iCAN)

Input voltage: AC 85 - 265V, 50/60Hz (Power Elite)

Weight: 4.2 kg (9.3 lbs)

Limited Warranty: 12 months*

*12 months repair or 40 percent replacement by local reseller laws. Headphones are subject to change without notice. Gain +0dB, 9.27VdBdual with 300 Ohm load unless stated otherwise. SNR Balanced = 50V, SNR SE = 13V

FEATURES

- The ultimate analogue headphone amp from world-leading head-fi manufacturer iFi Audio
- Also performs as a high-end stereo preamplifier to connect to a power amp and speakers
- PureWaveRC fully differential balanced circuit delivers ultra-low distortion
- Two discrete input stages – switch between solid state and CE5670 vacuum tubes in real time
- Remarkable power – up to 15,000mW to drive the toughest headphone loads with ease
- Delivers 14V in single-ended mode and 27V in balanced mode
- Adjustable gain and load impedance plus EMatch output attenuation to suit all headphone/EM types
- Pro ESL engineiser technology with six voltage settings for electrostatic headphones
- Capacitive battery power supply eliminates mains-borne noise from the audio signal
- Multi-level XSpace and XBassII analogue processing modes for headphones and speakers
- Exemplary build quality, comprehensive connectivity and informative colour display

CONNECTIVITY

- Source inputs: 1x balanced XLR (L/R); 3x RCA (L/R)
- Headphone outputs: 1x 3-pin balanced XLR (L/R); 1x 4-pin balanced; 1x 6.3mm (positive phase); 1x 6.3mm (inverted phase); 1x 3.5mm
- Electrostatic headphone outputs: 1x 5-pin normal bias; 1x 5-pin custom bias
- Preamplifier outputs: 1x balanced XLR (L/R); 1x RCA (L/R)

CONTENT

- iCAN Phantom
- RCA Cable
- Infrared Remote Control
- Quick Start Guide
- Instruction Card

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iCAN PHANTOM

The iCAN Phantom is the Rolls-Royce of headphone amplifiers. It exudes exemplary build quality, sophisticated technology, an unrivalled specification and remarkable versatility, expertly engineered to drive every headphone type to its full sonic potential. From high-performance IEMs, to the finest dynamic driver and planar magnetic headphones, to high-end electrostatic designs, the iCAN Phantom delivers a truly exceptional headphone experience – exquisitely tailored to the requirements of the listener.

332mm