Pro iCAN Signature

Tech Lowdown

Analogue Headphone Amplifier and Stereo Preamplifier

The Pro iCAN Signature is the upgraded addition of our reference-class Pro iCAN.

The Signature edition builds on the strengths of the original, multi-award winning Pro iCAN and features even more ultra-grade audiophile components designed to take your listening experience to a higher plane than ever before.

Enhancements Included

- Revised circuit design incorporates even more ultra-grade audiophile components
- Upgraded power supply circuits to eradicate even more noise and distortion
- Top of the range iPower Elite offboard AC/DC power supply included
- 4.4mm Pentaconn balanced-headphone output
- New aluminium remote control

Front Connections

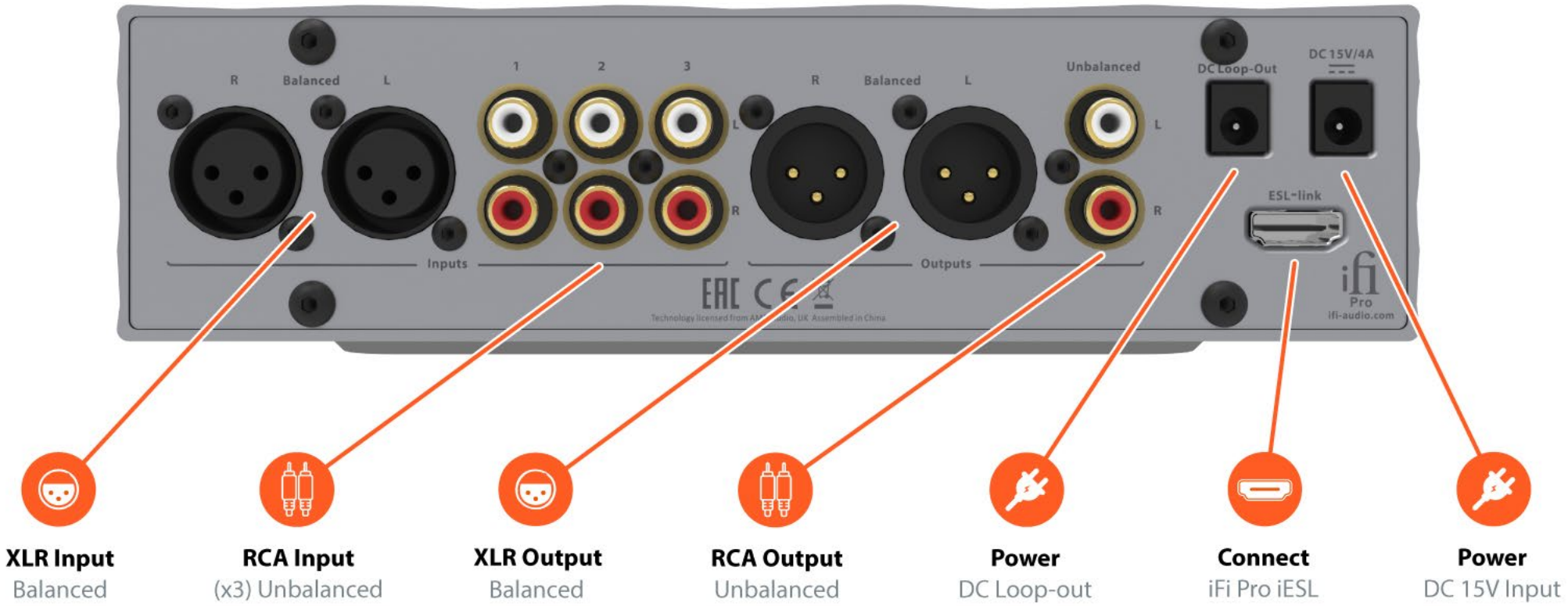
Headphones 3.5mm
Single-Ended with iEMatch

Headphones XLR/6.3mm
XLR 3 Pin x 2 (Balanced)
or 6.3mm TRS x 2 (Balanced
or Single Ended Compatible)

Headphones XLR
4-Pin Balanced

Headphones 4.4mm
TRRS standard, Balanced

Rear Connections



Power Personified

Exceptionally powerful - will drive any headphone on the planet.

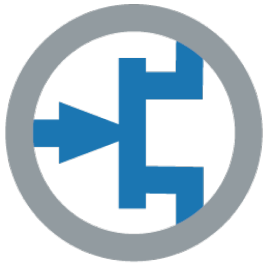
- Balanced output power: >14,000mW
- Single ended output power: >4,800mW

Variable gain – adjust to drive your headphone of choice

14,000mW

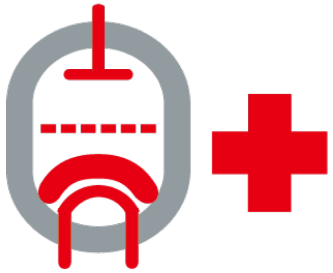
Solid State | Tube | Tube+

User-selectable amplification modes, the liveliness of Solid-State and the luxurious sound of tubes. Available at the flick of a switch.



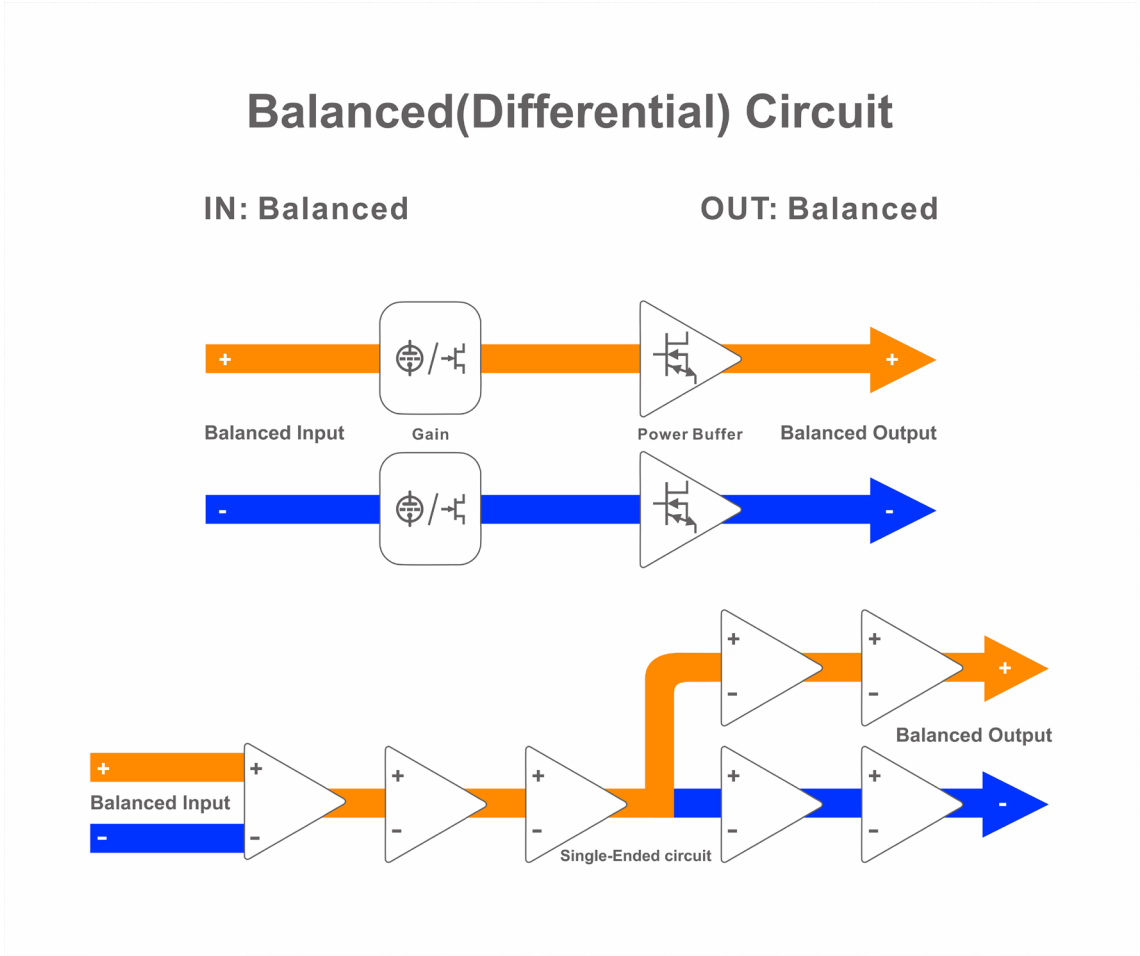
Solid-State
A purely solid-state J-FET based circuit of fully-discrete Class-A topology

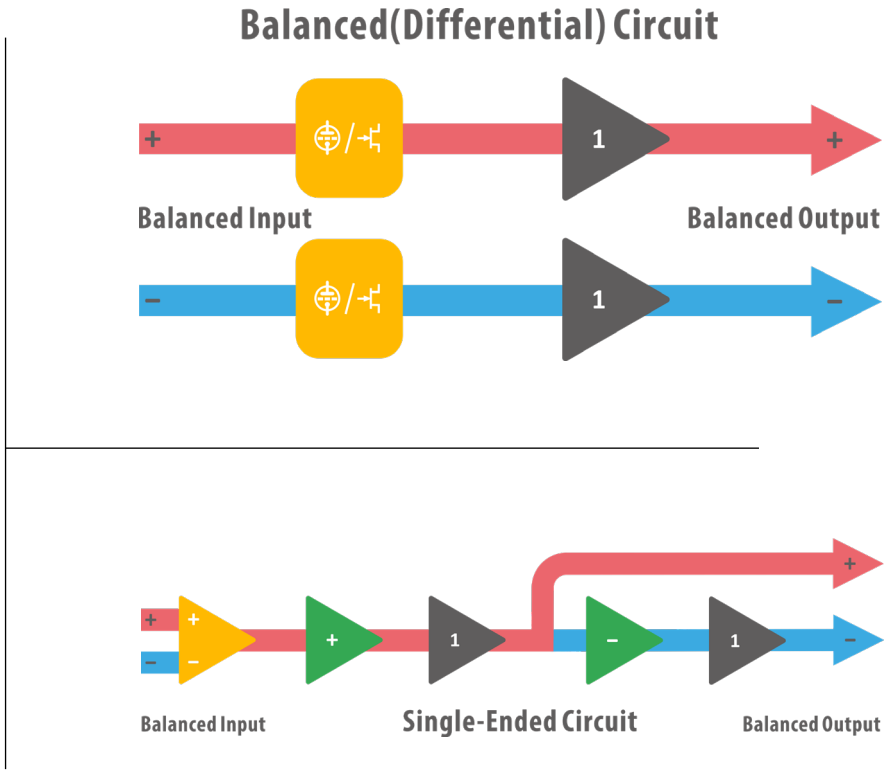
Tube
The J-FET circuitry is switched to the valve Class A section based on two GE5670



Tube+
Minimal negative feedback to a minimum for maximum natural harmonic distortion (even order harmonics dominate)

Fully Differential Balanced Circuit
= Ultra Low Distortion





Sonic Tweaks To Suit You

XBass®

Analogue ‘bass boost’ for maximum enjoyment.

Enhances low frequencies without muddying the mid-range.

3D Holographic for Headphones – ‘undoes’ the negative sonic impact of listening to recordings that were created for loudspeakers.

3D Holographic for Loudspeaker Systems – corrects spatial distortion and restores the natural soundstage.

PCB

Panasonic OS-CON

Excellent noise reduction capability and frequency characteristics

ifi Op-Amp V

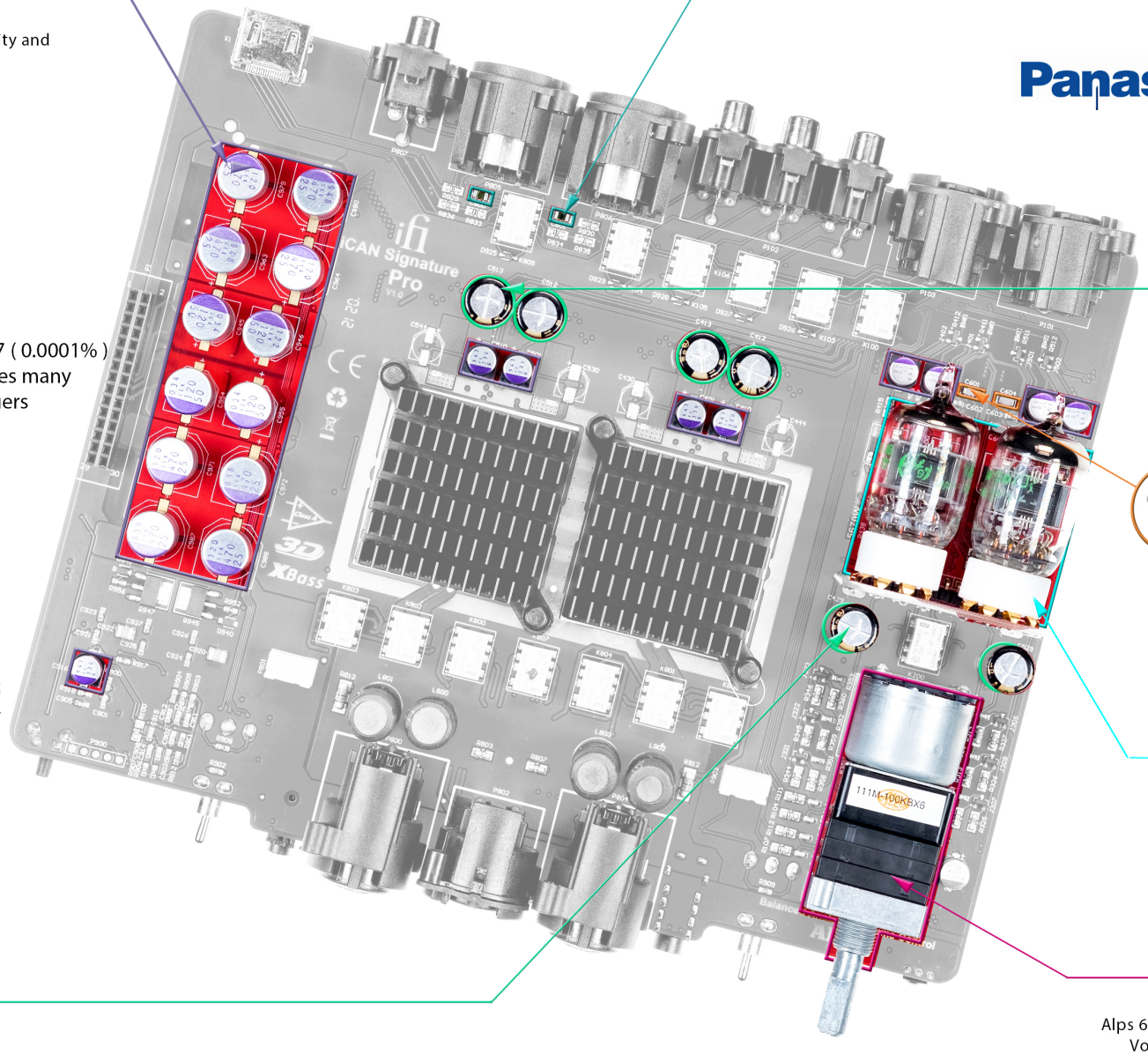
Low noise/distortion OV2627 (0.0001%)
Performance equals/surpasses many high-end headphone amplifiers

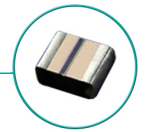
Texas Instruments

Precision low-noise power supply

ELNA®

Elna Silmic II capacitors





Panasonic ECPU

Panasonic film capacitors

ELNA®

Elna Silmic II capacitors

TDK

COG capacitors used

For audio use with extremely low distortion

Hand selected NOS 5670 Tubes

Perfecting the Art of Electronics
ALPS

Alps 6-Track fully balanced motorised Volume control with servo system

Specifications

Gain	0dB, 9dB and 18dB user-selectable		
Frequency Response	0.5Hz to 500kHz(-3dB)		
THD & N	Balanced	Solid-State	0.0015%
		Tube	0.002%
		Tube+	0.012%
	Single-Ended	Solid-State	0.005%
		Tube	0.005%
		Tube+	0.2%
SNR:	Balanced		>147dB(A)
	Single-Ended		> 137dB(A)
Output Power	Balanced		>14,000mW (@ 16)
	Single-Ended		>4,800mW (@ 16)

Output Voltage:	Balanced	>23V (@ 600)
	Single-Ended	>11.5v (@ 600)
Input voltage	DC 9V/6.7A – 18V/3.35A (Pro iDSD Signature)	
Input voltage	AC 85 – 265V, 50/60Hz (iPower Elite)	
Power consumption	< 22W idle, 50W max	
Dimensions	213 x 193 x 63 mm	
	6.2" x 3.9" x 1.4"	
Net weight	1.93 kg	
	4.3 lbs	

audio