

ifi



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

14,000
mW



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.



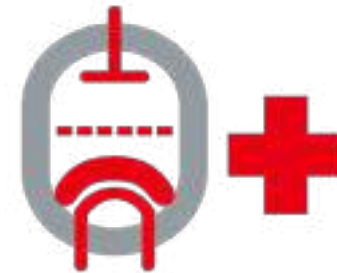
Solid-State

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

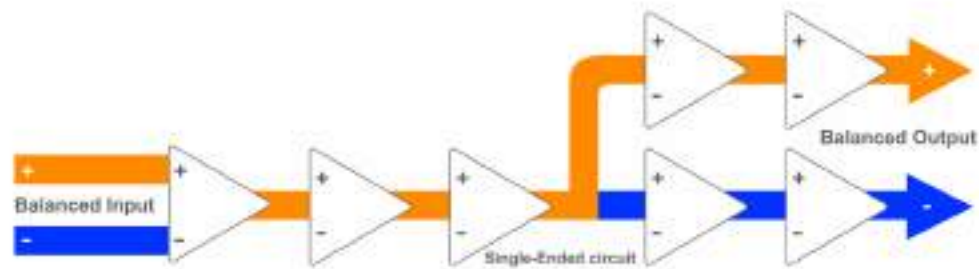
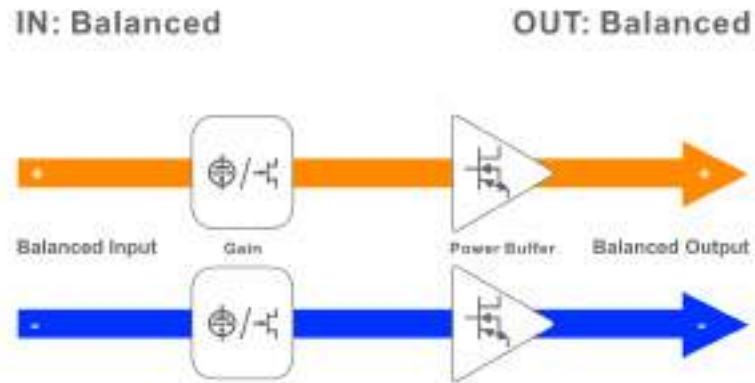


Tube+

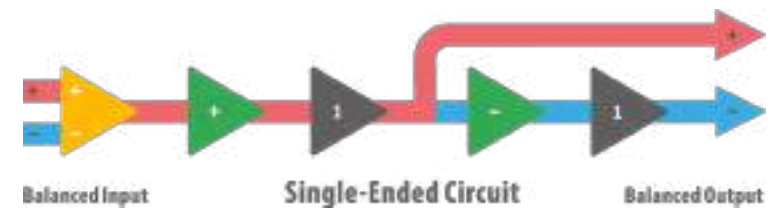
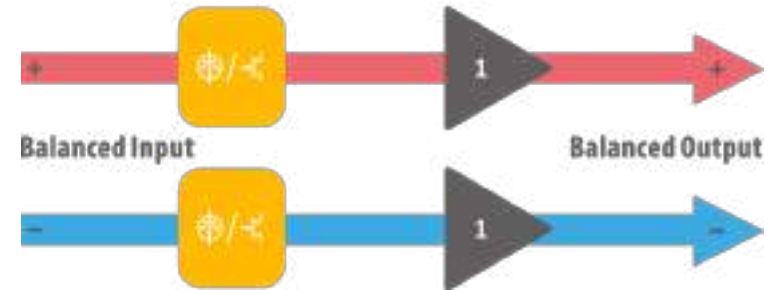
Minimal negative feedback to a minimum for maximum natural harmonic distortion (even order harmonics dominate)

Fully Differential Balanced Circuit = Ultra Low Distortion

Balanced(Differential) Circuit



Balanced(Differential) Circuit



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

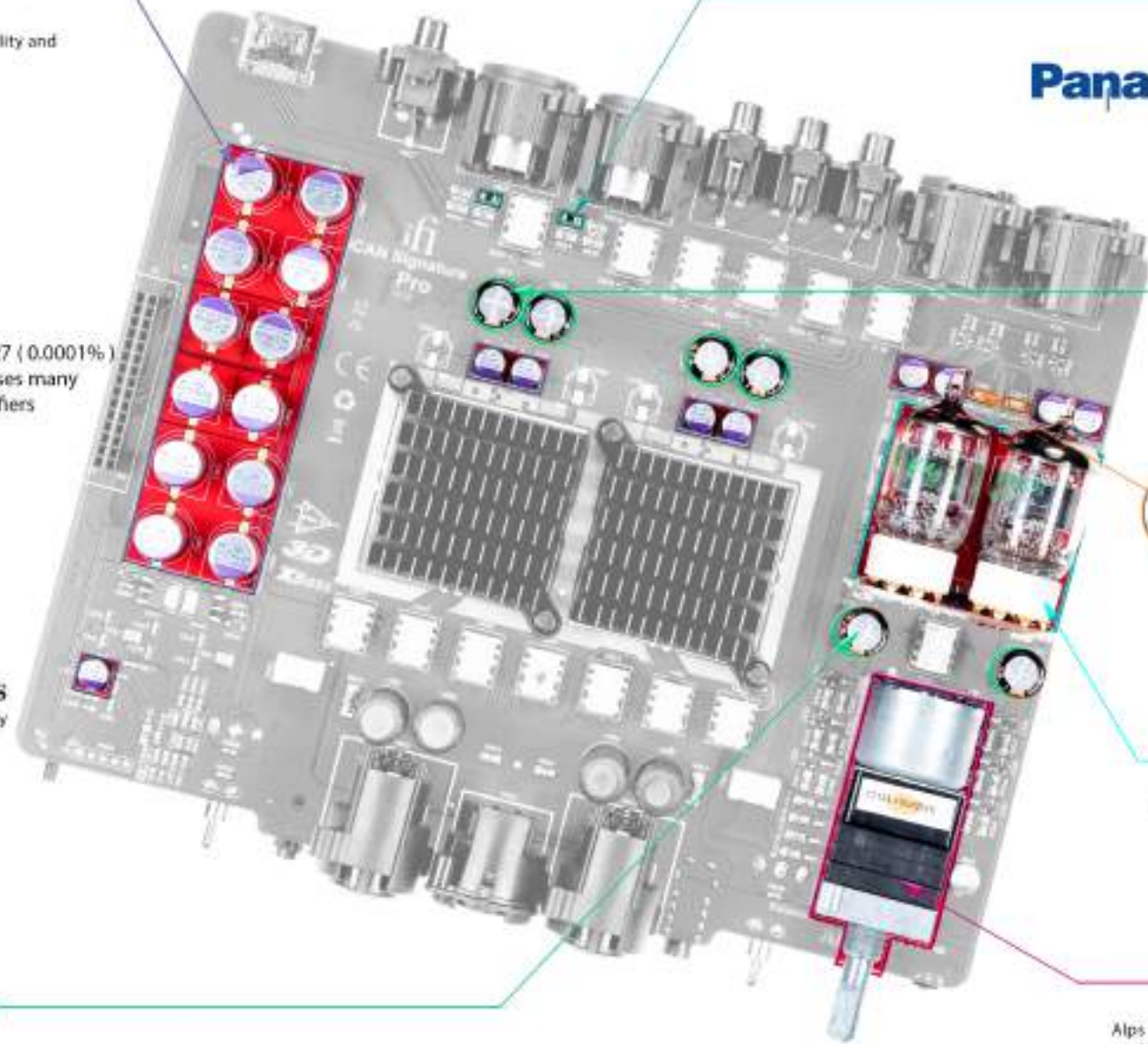


Low noise/distortion OV2627 (0.0001%)
Performance equals/surpasses many high-end headphone amplifiers



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	

ifi
audio