



## U4PRE



5 YEAR  
WARRANTY



HAND MADE IN DEVON  
UNITED KINGDOM

### Quad Output Audiophile Pre-Amplifier with integrated Phono Stage.

The Ultrafide U4PRE represents a pure analogue quad output pre-amplifier crafted for the seamless selection and control of signals from multiple sources. It's designed to effortlessly interface with high-performance audio power amplifiers and similar recording equipment.

Featuring 5 stereo inputs and 4 stereo outputs, it serves as the central hub and control centre for an expandable and future-proof audio system, ideal for the most discerning Hi-Fi enthusiasts and audiophiles.

[See reverse for Technical Specification >](#)



The U4PRE features an elegantly crafted aluminium remote control, allowing you to conveniently manage standby, mute, source selection, and volume levels—all from the comfort of your chair



# U4PRE: Technical Specifications

## Sonically Pure Source Management

Drawing upon decades of expertise from the team at MC<sup>2</sup> & XTA, the U4PRE achieves ultra-low noise levels – boasting a meticulously crafted signal path design that delivers unmatched performance, offering comprehensive digital control over source selection, gain offset, source naming, L-R balance, and volume adjustment. It also features quad outputs in parallel to allow ultimate flexibility in many different system configurations.

## Ultra-Premium Phono Stage

The U4PRE is not just a pre-amp – It also features a highly configurable ultra premium phono input, with an ultra-precise RIAA recovery stage – suitable for use with both moving magnet and moving coil cartridges, it offers users an unparalleled sonic experience with an extensive range of turntables/cartridges. Adjustment comes in the form of 8 switch selectable capacitances from 100pF to 470pF, and 7 resistances from 85R to 500R (with an 8th for a 47k moving magnet setting).

## Tried and tested Headphone Amplifier

The U4PRE offers a true audiophile grade headphone amplifier that will continue to impress and deliver endless enjoyment. Based on an industry leading proprietary MC<sup>2</sup> Audio class A/B design, it is driven by 12 discrete transistors to achieve super low distortion and extremely high damping factor. Optimised for 20 to 100R Headphones, but with ample power to drive both low and high impedance loads with ease.

## General Features

- All external balanced connections are impedance matched & DC coupled
- High performance NJR bi-polar op-amps used throughout, biased for class A operation
- Super accurate digitally controlled analogue level control
- 0.5dB step balance control with zero crossing detection
- Bulletproof super shielded (toroidal) linear PSU with careful segregation of mains & audio signal
- Dynamic Range >115dB (unweighted)
- 5 year warranty

Audio Channels (quantity)	2	Left and Right
Audio Inputs	10	6 RCA (Single Ended) 4 XLR (Balanced)
Input Impedance RCA	47k	
Input Impedance XLR	10k	
Input RFI Filtering Capacitance	RCA 100pF	XLR 500pF
Additional Phono Loads (adjustable)	7 steps 80R/500R	7 steps 150pF/470pF
Audio Outputs	10	4 RCA (Single Ended) 4 XLR (Balanced) 2 on ¼ inch H/Phone Jack
Output Impedance	Line 75R	Headphones 200mR
Maximum Output	Line 2.5Vrms	Headphones 7Vrms (1.5W)
Voltage Gain	Line nominal H/Phono nominal Phono nominal	0dB +10dB +35dB to +71dB in 3dB steps
Volume Control Range	-95dB to +10dB	1dB steps +-0.05dB
Sensitivity	Line Phono (1kHz)	316mV nominal (2.4V max) 0.16mV to 5mV for 316mV
Dynamic Range (line)	115dB	Un-Weighted 22-22kHz
Phono Johnson Noise	Hi gain 0R source	EIN -146dBu
Frequency Response	Line Phono (Inc RIAA)	5 to 20kHz +-0.1dB 20 to 20kHz +-0.2dB
Distortion	0.003%	
Power Supply Connector	6A IEC	
Fuse	1A	
Nominal Power Supply Voltage	115Vac (60Hz) or 230Vac (50Hz)	
Power Isolation Switch	On Rear Panel	
Standby Switch	On Front Panel	
Remote Standby	In and Out	Connectors on Rear Panel
Power Indicator	Green indicates out of standby	Red indicates fault.
Power Consumption	Operational 20W	Standby 1W