

ROTEL

STEREO PREAMPLIFIER

RC-1572



AKM premium 32-bit/
768kHz Digital to Analog
Converter



iOS control App



Moving magnet
phono input for
turntable connection



Bluetooth
with aptX



Balanced XLR
inputs and outputs

The heart of an uncompromising audiophile stereo “separates” system is the preamplifier. Separate components hold the promise of the best possible fidelity, since each device is optimized for its role in the sound reproduction chain. The new RC-1572 stereo preamplifier leverages the design of our flagship RC-1590 preamplifier including its 32 bit/768kHz AKM stereo digital-to-analog converter to handle critical signal conversion. Among many refinements, the RC-1572 utilizes relay switching for analog sources instead of an IC based switch to maintain the integrity of the signal path for RCA, phono and XLR inputs.

Beneath the clean lines and user friendly fascia of the RC-1572 lies highly sophisticated engineering. Both analog and digital sources have been given equal consideration as today’s listener often has several digital sources, but may also enjoy legacy formats like vinyl LPs. A large toroidal transformer and regulated power supply ensures stable current and voltage requirements to all stages under dynamic conditions. Premium circuit components have been selected only after extensive listening evaluations. Careful routing of all low level signals has been practiced to ensure impressive signal to noise levels. The result is effortless musical dynamics, impressive detail and scale.

The RC-1572 stereo preamplifier is also extremely flexible. Four digital inputs (2 coax and 2 optical), plus the rear PC-USB handle digital sources up to 32/384 resolution. The 4 inputs are designed for sources such as TV set-top boxes, flat panel TVs or Blu-ray players for stunning playback. Importantly, it is possible to fix the level and set an auto-on option with digital inputs for use with devices that provide their own volume control for convenient “hands-off” use. The PC-USB input supports DSD signals. Integrated Bluetooth aptX is provided. Analog inputs include balanced XLR connectors, perfect for connecting the RCD-1572 via its XLR outputs, in addition to four pair of conventional RCA inputs. A moving magnet phono stage rounds out the source capability. XLR and single ended outputs are provided along with a mono subwoofer output, as are two 12-volt triggers to control on/off operation of an amplifier and/or other components. For custom integration, control options include RS232 on a standard DB9 connector, as well as an Ethernet port for IP control and software updates. In short, the RC-1572 is a tremendous value and the perfect upgrade for owners of older analog-only preamplifiers.

Rotel preamplifiers
hold the promise
of the best possible
fidelity.
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SPECIFICATIONS

Total Harmonic Distortion (20Hz-20kHz)	< 0.004%	Digital Section	
Intermodulation Distortion (60 Hz : 7 kHz, 4:1)	< 0.004%	Frequency Response	20Hz - 20kHz (0 ± 0.5 dB Max)
Input Sensitivity / Impedance		Signal to Noise Ratio (IHF "A" weighted)	100 dB
Phono Input (MM)	3 mV / 47k ohms	Input Sensitivity/Impedance	0 dBFs / 75 ohms
Line Level Inputs (RCA)	200 mV / 100k ohms	Coaxial/Optical Digital Signals	SPDIF LPCM (up to 192kHz 24 bit)
Line Level Inputs (XLR)	300 mV / 100k ohms	PC-USB	USB Audio Class 1.0 (up to 96kHz 24-bit) USB Audio Class 2.0 (up to 384kHz 32-bit)*
Input Overload			*Driver installation required
Phono Input	62 mV	Power Requirements	DSD and DoP support
Line Level Inputs	4 V	USA	120 Volts, 60 Hz
Output Level		EC	230 Volts, 50 Hz
Line Level (RCA)	1 V	Power Consumption	35 watts
Balance (XLR)	2 V	Standby Power Consumption	< 0.5 watts
Frequency Response		BTU (at 13.5 watts)	65 BTU/h
Phono Input	20 Hz-20kHz, (0 ± 0.3 dB)	Dimensions (W x H x D)	431 x 99 x 338mm 17 x 3 7/8 x 13 1/4 in
Line Level Inputs	10 Hz-100kHz, (0 ± 0.3 dB)	Front Panel Height	2U / 88.1mm / 3 1/2 in
Tone Controls		Weight (net)	7.4 kg, 16.3 lb
Bass	±10 dB at 100Hz	Finish	Silver and Black
Treble	±10 dB at 10kHz		
Signal to Noise Ratio (IHF "A" weighted)			
Phono Input	80 dB		
Line Level Inputs	110 dB		
Channel Separation	> 64 dB		