

# 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.

See more at

[rotel.com](http://rotel.com)



# RC-1572



## SPECIFICATIONS

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