RC-1570
Stereo Preamplifier

MOG
PANDORA®
Rhapsody
Spotify

AirPlay

| Front panel USB for iOS devices | Digital connectivity for Apple TV®, Sonos®, Squeezebox™, TV digital audio output etc. | Analog inputs for CD player etc. | Front panel USB with Bluetooth™ dongle for Android/iPod®/MP3 devices | Phono input for turntable |

ROTEL

Separate components hold the promise of the best possible fidelity, since each device is optimized for its role in the sound reproduction chain. Rotel has been designing and manufacturing high performance components for dedicated enthusiasts for over 50 years. Those decades of experience, along with precise and efficient in-house manufacturing, are fully evident in Rotel separates. As countless reviewers have testified over the years, they rival and frequently exceed the performance of much higher priced offerings. The new RC-1570 stereo preamplifier, a blend of cutting edge digital circuitry with on-board Digital-to-Analog conversation and classic analog stages, is the latest example.

Beneath the clean lines and user friendly fascia of the RC-1570 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-1570 stereo preamplifier is also extremely flexible. Four digital inputs (2 co-ax and 2 optical), plus the rear PC-USB handle digital sources up to 24/192 resolution. The 4 inputs are designed for sources such as TV set-top boxes, flat panel TVs or Blu-ray players for stunning playback. The PC-USB input makes use of audio playback software such as iTunes or Windows Media Player to replay music from your computer digital library. A Bluetooth dongle is provided to be used with the front USB input. A premium Wolfson stereo D/A converter handles critical conversion from digital data to analog. Analog inputs include balanced XLR connectors (perfect for connecting the RCD-1570 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, as are two 12-volt triggers to control on/off operation of an amplifier and/or other components and RS-232 on a standard DB-9 connector. In short, the RC-1570 is a tremendous value and the perfect upgrade for owners of older analog-only preamplifiers.

SPECIFICATIONS

Total Harmonic Distortion (20Hz-20kHz)	< 0.004%
Intermodulation Distortion (60 Hz : 7 kHz, 4:1)	< 0.004% at 1V output
Input Sensitivity / Impedance	
Phono Input (MM)	2.5 mV / 47k ohms
Line Level Inputs (RCA)	150 mV / 24k ohms
Line Level Inputs (XLR)	300 mV / 100k ohms
Input Overload	
Phono Input	65 mV
Line Level Inputs	4.3 V
Output Level / Impedance	
Output (RCA)	1V / 100 ohms
Output (XLR)	2V / 100 ohms
Frequency Response	
Phono Input	20 Hz-20k Hz, 0 (±0.3 dB)
Line Level Inputs	4 Hz-100k Hz, 0 (±0.3 dB)
Tone Controls	
Bass	±10 dB at 100Hz
Treble	±10 dB at 10kHz

Signal to Noise Ratio (IHF "A" weighted)	
Phono Input	80 dB
Line Level Inputs	110 dB
Digital Section	
Frequency Response	10Hz - 95k Hz (±3dB)
Signal to Noise Ratio (IHF "A" weighted)	100 dB
Input Sensitivity/Impedance	0 dBFs / 75 ohms
USB/iPod® Digital Signals	AIFF, AAC (m4a), WAV, MP3, WMA (up to 48kHz 16 bit)
Coaxial/Optical Digital Signals	SPDIF LPCM (up to 192kHz 24 bit)
PC-USB	USB Audio Class 1 (up to 96kHz 24 bit) USB Audio Class 2 (up to 192kHz 24bit)* *Driver installation required
PC-USB File Decoding	Plays all file types supported by PC software player up to 24bit 192kHz
Power Requirements	
USA	120 Volts, 60 Hz
EC	230 Volts, 50 Hz
Power Consumption	15 watts
Standby Power Consumption	< 0.5 watts
Dimensions (W x H x D)	431 x 99 x 320mm 17 x 4 x 12 5/8 in
Front Panel Height	2U / 88.1mm / 3 1/2 in
Weight (net)	7kg, 16 lb