



50th ROTEL
ANNIVERSARY

RA-12 Integrated Amplifier



Connectivity without compromise

Music has changed. Today we can stream it, download it, play whatever we like, whenever we like. But all too often, this convenience has come with a price: sound quality. That is, until now. Our new RA-12 has all the connectivity you need to make the most of your digital music. And the advanced audiophile technology to really bring it to life. The RA-12 – uncompromising sound, for a connected world.



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 Blue Tooth
dongle

Phono input for
turntable



RA-12

Specifications



Continuous Power Output

60Watts/ch (20-20kHz, < 0.03%, 8Ω)

Total Harmonic Distortion (20Hz-20kHz)

< 0.03% at rated power

Intermodulation Distortion

(60 Hz:7 kHz, 4:1)
< 0.03% at rated power

Frequency Response

Phono input 20Hz-15kHz, ± 0.3 dB
Line Level Inputs 10Hz-100kHz, ± 1 dB

Input Sensitivity / Impedance

Phono input 2.5mV / 47 k Ω
Line Level Inputs 150mV / 24 k Ω

Input Overload

Phono input 180mV
Line Level Inputs 5V

Preamp Output / Impedance

1V / 470 Ω

Tone Controls - Bass / Treble

± 4 dB at 100Hz / 10kHz

Signal to Noise Ratio

(IHF "A" weighted)

Phono input 80dB
Line Level Inputs 100dB

DIGITAL SECTION

Frequency Response

10Hz-95kHz ± 3.0 dB (MAX)

Signal to Noise Ratio

(IHF "A" weighted)
100dB

Input Sensitivity/Impedance

0 dBfs/75V

Pre-out/Impedance

1.2V/470V (at -20dB)

Decodable Front USB/iPod Digital Signals

AAC (m4a), WAV, MP3, WMA (up to 48K 16bit)

Coaxial/Optical Inputs

LPCM up to 192kHz 24bit

File Formats

(depend on the source PC in use)
Real Audio, MP3, OGG Vorbis, WAV, AIFF, AU

GENERAL

Power Requirements (AC)

120V, 60Hz (USA)
230V, 50Hz (Europe)

Power Consumption

300Watts

Standby Power Consumption 0.5W

0.5Watts

Dimensions (W x H x D)

430 x 92 x 342mm
17 x 3 5/8 x 13 1/2 in

Panel Height

80mm (3 1/16 ins)

Weight (Net)

8.02kg (18lbs)

Finishes

Black
Silver