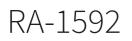


## INTEGRATED AMPLIFIER





2 x 200 Watts of robust power



Integrated Bluetooth aptX

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

Balanced XLR inputs

There has never been a better time to be a music lover. Today's source options provide limitless audiophile quality music. CD-or-better quality streaming, high resolution download sites, inexpensive mass storage devices, the still resilient CD and the resurgence of classic vinyl are all providing a wealth of content at impressively high fidelity. To hear all this music as the artist intended requires an extraordinarily flexible, sonically capable component.

The RA-1592 Integrated Amplifier is exactly that component. It leverages the strengths of our award winning RC-1590 preamplifier and RB-1582 MkII power amplifier in a sleek single chassis design. With a powerful 200 watt per channel Class AB amplifier using performance audio grade components, the RA-1592 can effortlessly drive large speaker systems. The impressive Rotel manufactured toroidal transformer is a key element in the power supply design which also includes custom slit-foil storage capacitors and a dual-monoblock topology. All of this helps to ensure the amplifier performance stands up to even the most complex music and real world playback conditions. To complement the amplifier section, the RA-1592's preamplifier incorporates the superb 32 bit 768kHz AKM digital-to-analog converter (DAC) and analog stages of the highest quality. The DAC and surrounding circuitry supports a vast array of source inputs including DSD capable PC-USB (24bit/192kHz), 3 coaxial, 3 optical, integrated aptX<sup>®</sup> Bluetooth and front mounted USB iPod input. In recognition of the faithful analog music lovers, there is a phono stage input (MM), XLR balanced input and 3 analog RCA source inputs.

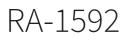
User selectable A-B speaker outputs with 5-way binding posts, RCA pre-output and dual subwoofer outputs provide the ultimate flexibility in installation. The amplifier protection circuits monitor DC offset, overcurrent, short circuit and temperature to protect both the electronics and attached speakers.

Custom integration features include RS232 and Ethernet IP control, 2 trigger outputs, remote IR input and automated digital signal sense power control for easy integration with streaming sources and control systems.

The RA-1592 is the finest integrated amplifier yet in Rotel's 55 year history of producing performance audio components.



## INTEGRATED AMPLIFIER





## SPECIFICATIONS

	Continuous Power Output 20 - 20kHz, < 0.03%, 8 ohms)	200 watts/channel
	Total Harmonic Distortion 20 Hz - 20kHz, 8 ohms)	< 0.03%
	ntermodulation Distortion 60 Hz : 7kHz, 4:1)	< 0.03%
F	Frequency Response Phono Input Line Level Inputs	20 Hz - 20 kHz, 0 ± 0. 10 Hz - 100 kHz, 0 ± 0
	Damping Factor 20 Hz - 20 kHz, 8 ohms)	600
I	nput Sensitivity / Impedance Phono Input (MM) Line Level Inputs (RCA) Line Level Inputs (XLR)	5.2 mV / 47k ohms 340 mV / 100k ohms 540 mV / 100k ohms
I	nput Overload Phono Input (MM) Line Level Inputs (RCA) Line Level Inputs (XLR)	52 mV 3.5 V 5.5 V
	Preamplifier Output / mpedance	1.9 V / 100 ohms
	Signal to Noise Ratio IHF A-weighted) Phono Input (MM) Line Level Inputs	80 dB 103 dB

	200 watts/channel	Digital Section	
5)	< 0.03% < 0.03%	Frequency Response	10 Hz - 90 kHz (0 ± 2 dB, Max)
		Signal to Noise Ratio (IHF A-weighted)	102 dB
		Input Sensitivity / Impedance	0 dBfs / 75 ohms
	20 Hz - 20 kHz, 0 ± 0.5 dB 10 Hz - 100 kHz, 0 ± 0.5 dB	Preamplifier Output Level	1.4 V (at -20 dB)
		Coaxial / Optical Digital Signals	SPDIF LPCM (up to 192kHz 24 bit)
ce	600 5.2 mV / 47k ohms	PC-USB Power Requirements:	USB Audio Class 1.0 (up to 96kHz 24bit) USB Audio Class 2.0 (up to 384kHz 32bit)* *Driver installation required DSD and DoP support
	340 mV / 100k ohms 540 mV / 100k ohms	USA: EC:	120 volts, 60 Hz 230 volts, 50 Hz
	52 mV 3.5 V 5.5 V	Power Consumption	500 watts
		Standby Power Consumption	< 0.5 watts
	5.5 V 1.9 V / 100 ohms	BTU (4 ohms, 1/8th power)	1239 BTU/h
		Dimensions (W x H x D)	431 x 144 x 425mm 17 x 5 7/8 x 16 in
	80 dB 103 dB	Front Panel Height	3U (132.6mm, 5 1/4 in)
		Weight (net)	16.8kg, 37.04 lbs.