





# Bring your music to life.

For over half a century, Rotel has been manufacturing award winning hi-fi components that set new levels of audio performance within and often above its class. The 14 Series represents the very essence of Rotel's world renowned Balanced Design Concept. It is the stunning embodiment of audio performance, sleek industrial design and exceptional value. Rotel's approach to the 14 Series ensures that only critically selected electronic components are used throughout the audio path, whilst doing away with all unnecessary features that can only get in the way. So while performance is paramount, the 14 Series features simple and intuitive controls for quick access to what is after all the most important piece: the music.

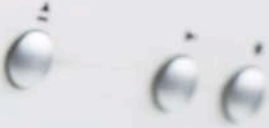
The result of Rotel's painstaking attention to detail is a range of exceptional hi-fi components built by music enthusiasts for music enthusiasts. Whether your inclination tends towards vinyl or streaming high resolution digital files from your phone, the 14 series will connect with your favorite music sources to deliver stunning realism.

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Tracks: 11 ◻ 0:42:41

COMPACT  
disc  
DIGITAL AUDIO



## A14

The flagship A14 has the highest power and widest set of features in the range. The A14 is rated at 80 watts per channel RMS into 8 ohms, both channels driven. Yet ratings alone do not reflect real world usage. The A14 features a rugged power supply comprising a Rotel-manufactured toroidal transformer plus slit-foil capacitors to effortlessly handle difficult speaker loads and dynamic signal peaks. This is an impressively flexible audio component, designed to accommodate both classic analogue and the latest digital source components supported by the on-board AKM 32 bit/768kHz DAC. But its greatest strength lies in its ability to render a musical performance exactly as the artist intended.

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80 watts per channel

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Bluetooth with aptX

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iOS / Android control App

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AKM 32 bit / 768 kHz DAC

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PC-USB with DSD support

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Signal sensing power control

Inputs:	ANALOG	DIGITAL
	Aux (2)	Coax (2)
	CD	Optical (2)
	Tuner	PC-USB with DSD (32 bit/384kHz)
	Phono (MM)	Apple iOS USB
		Bluetooth with aptX

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## A12

The A12 integrated amplifier displays the same clean lines and intuitive operation as the A14 with output power rated at 60 watts per channel RMS into 8 ohms. Rotel engineers begin their quest for uncompromising audio performance at the power supply. This is the heart of an amplifier and an area where considerable time and investment is spent. Rotel manufactures its own toroidal transformers in-house to high tolerances using raw materials selected from proven, trusted suppliers. The result is a rugged power supply that won't easily distort the music under dynamic conditions or with difficult speaker loads.

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60 watts per channel

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Bluetooth with aptX

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Wolfson high performance DAC

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PC-USB 24 bit / 192 kHz

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4 line graphic display

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Signal sensing power control

Inputs:	ANALOG	DIGITAL
	Aux (2)	Coax (2)
	CD	Optical (2)
	Tuner	PC-USB (24 bit/192kHz)
	Phono (MM)	Apple iOS USB
		Bluetooth with aptX

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## CD14

In 1989, Rotel confirmed its digital audio expertise with the launch of the RCD-855 CD player. The press was overwhelming in its praise, one critic going so far as to call it “The steal of the century”, and since then Rotel has never looked back. The CD14 design begins with a carefully engineered power supply to ensure separate, ripple-free voltage and current to both digital and analogue circuits. It maintains the same clean lines and intuitive operation as the other 14 series models, while demonstrating an uncanny ability to resolve even the smallest musical details in a recording.

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Precision CD mechanism

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Wolfson high performance 24 bit / 192 kHz DAC

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Independent digital / analogue power supplies

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iOS / Android control App\*

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Disc metadata display

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Coaxial digital and analogue outputs

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\*requires connection to A14



A14



A12



CD14

<b>Continuous Power Output</b> (20 - 20kHz, < 0.03%, 8 ohms)	80 watts/ch	60 watts/ch	<b>Total Harmonic Distortion + Noise</b>	0.002% @ 1kHz
<b>Total Harmonic Distortion</b> (20 Hz - 20 kHz at rated power)	< 0.03%	< 0.03%	<b>Intermodulation Distortion</b>	0.002% @ 1kHz
<b>Intermodulation Distortion</b> (60 Hz : 7kHz, 4:1)	< 0.03%	< 0.03%	<b>Frequency Response (± 0.5 db)</b>	20-20,000Hz
<b>Frequency Response</b>			<b>Channel Balance</b>	± 0.5 db
Phono Input	20Hz - 15kHz, ± 0.5dB	20Hz - 15kHz, ± 0.5dB	<b>Phase Linearity</b>	± 0.5 degree
Line Level Inputs	10Hz - 100kHz, ± 0.5dB	10Hz - 100kHz, ± 0.5dB	<b>Channel Separation</b>	> 115 dB @ 10 kHz
<b>Damping Factor</b> (20 - 20,000 Hz, 8 ohms)	220	220	<b>Signal to Noise Ratio</b> ("A" weighting)	> 118 dB
<b>Input Sensitivity / Impedance</b>			<b>Dynamic Range</b>	> 99 dB
Phono Input	3.4 mV / 47k Ohms	3 mV / 47k Ohms	<b>Digital to Analog Converters</b>	Wolfson 24 bit/192kHz DAC
Line Level Inputs	230 mV / 24k Ohms	200 mV / 24k Ohms	<b>Analog Output Impedance</b>	100 Ohms
<b>Input Overload</b>			<b>Digital Output</b>	0.5 Volt, Peak to Peak
Phono Input	50 mV	50 mV	<b>Load Impedance</b>	75 Ohms
Line Level Inputs	4 V	4 V		
<b>Preamp Output / Impedance</b>	1.2 V / 470 Ohms	1 V / 470 Ohms		
<b>Tone Controls - Bass / Treble</b>	± 10 dB at 100Hz / 10kHz	± 10 dB at 100Hz / 10kHz		
<b>Signal to Noise Ratio</b> ("A" weighting)				
Phono Input	90 dB	90 dB		
Line Level Inputs	100 dB	100 dB		

<b>Digital Section</b>		
<b>Frequency Response</b>	10Hz - 80kHz (± 3.0dB, MAX)	10Hz - 80kHz (± 3.0dB, MAX)
<b>Signal to Noise Ratio</b> (IHF "A" weighted)	103 dB	103 dB
<b>Input Sensitivity/Impedance</b>	0 dBfs/75 Ohms	0 dBfs/75 Ohms
<b>Preamplifier Output Level</b>	1.3 V (at - 20dB)	1.3 V (at - 20dB)
<b>Digital Inputs</b>	SPDIF LPCM (up to 192kHz / 24 bit)	SPDIF LPCM (up to 192kHz / 24 bit)
<b>PC-USB</b>	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	USB Audio Class 1.0 (up to 96kHz 24bit) USB Audio Class 2.0 (up to 192kHz 24bit)* *Driver installation required

<b>General</b>			<b>General</b>	
<b>Power Requirements</b>			<b>Power Requirements (AC)</b>	
Europe	230V, 50Hz	230V, 50Hz	Europe	230V, 50Hz
USA	120V, 60Hz	120V, 60Hz	USA	120V, 60Hz
<b>Power Consumption</b>	280 watts	230 watts	<b>Power Consumption</b>	15 watts
<b>Standby Power Consumption</b>	< 0.5 watts	< 0.5 watts	<b>Standby Power Consumption</b>	< 0.5 watts
<b>Finishes</b>	Silver and Black	Silver and Black	<b>Finishes</b>	Silver and Black
<b>Dimensions (W x H x D)</b>	430 x 93 x 345mm 17" x 3 5/8" x 13 1/2"	430 x 93 x 345mm 17" x 3 5/8" x 13 1/2"	<b>Dimensions (W x H x D)</b>	430 x 98 x 312mm 17" x 3 7/8" x 12 5/16"
<b>Front Panel Height</b>	80mm, 3 1/8"	80mm, 3 1/8"	<b>Front Panel Height</b>	80mm, 3 1/8"
<b>Weight (net)</b>	8.2kg, 18 lb	8kg, 17.6 lb	<b>Weight (net)</b>	5.9kg, 13 lb

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