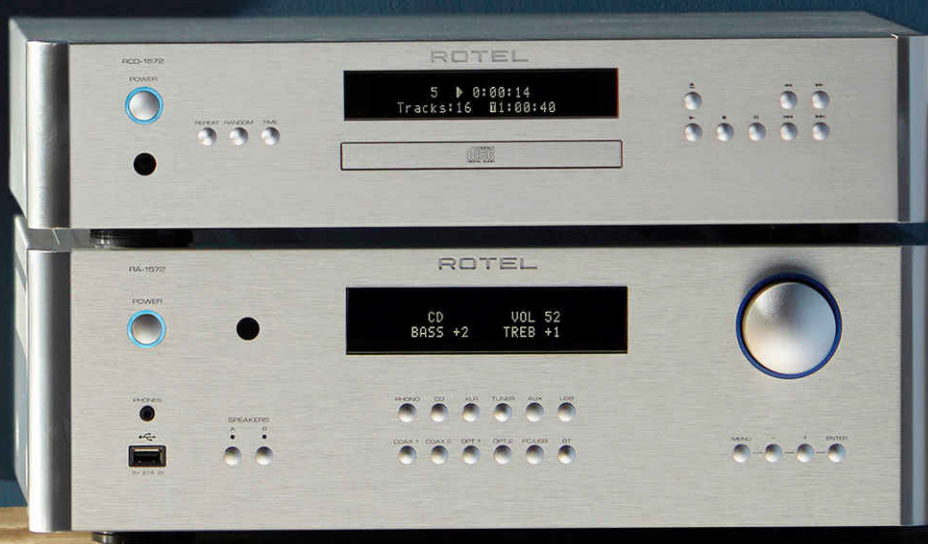


# ROTEL®

PRODUCT CATALOG  
2021



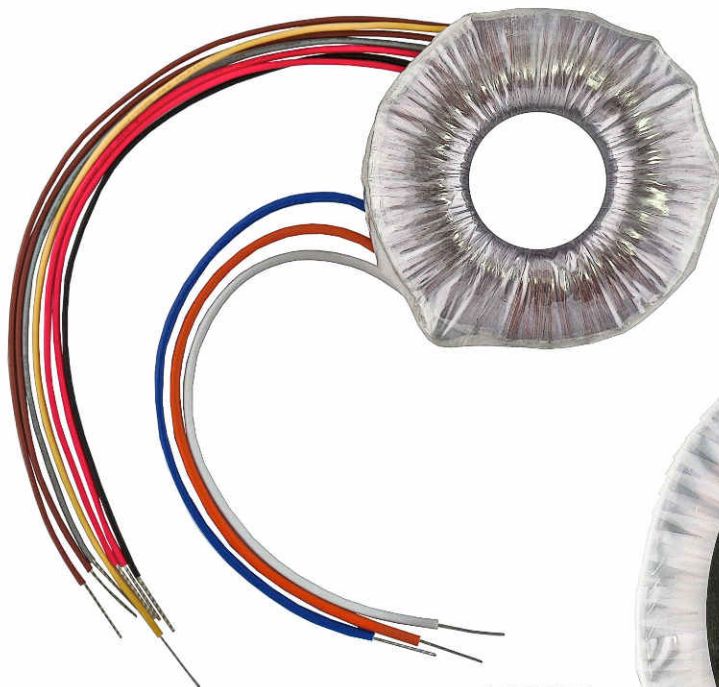
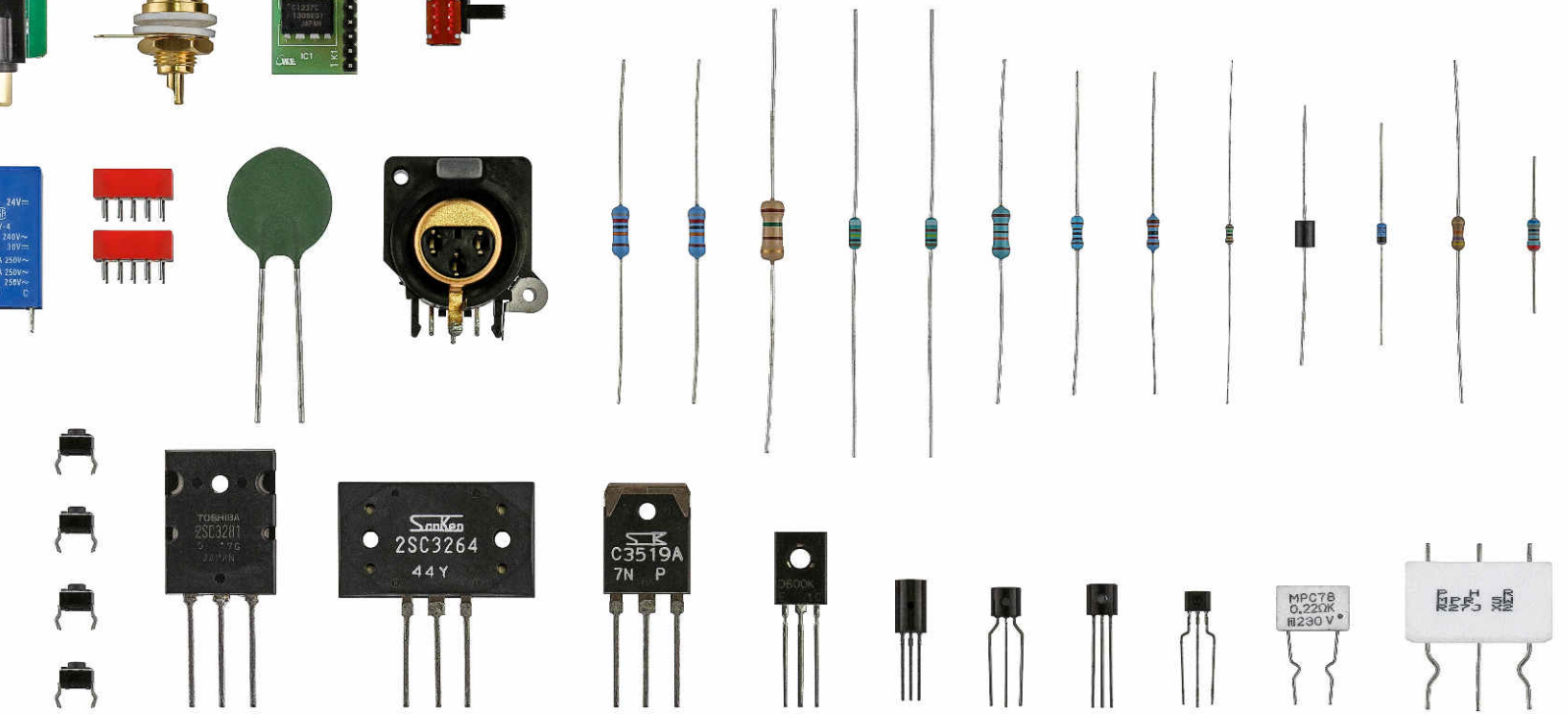


**A11 Tribute** Integrated Amplifier

**CD11 Tribute** CD Player

# A Passion for Performance

- 6 HOME THEATER
- 14 MUSIC SYSTEMS
- 24 WHOLE HOUSE AUDIO
- 28 SPECIFICATIONS



# WELCOME TO Rotel

There is no substitute for experience. More than fifty-five years of designing, engineering, and manufacturing audio/video components has put us at the top of the audio field. We have always been a family owned business. That is why we take the time to build, test, and critically evaluate each new model before it goes into production. Our reputation is personal.



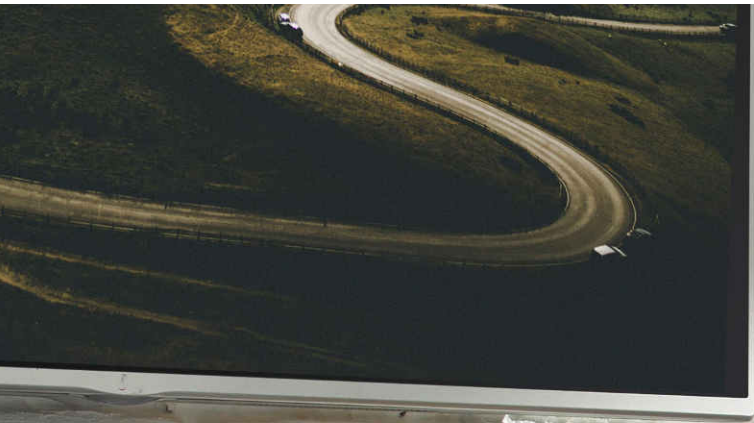
*The transformer is the fundamental building block of a solid power supply. Rotel transformers are made in house ensuring we have complete control over the quality of this critical component.*

## HOME THEATER

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# Immerse Yourself



# Ultra-high performance.

The RAP-1580MKII features separates performance in a single chassis.



## RAP-1580MKII

The RAP-1580MKII is the ideal home theater solution delivering uncompromised audio and video performance supporting 7.1.4 Dolby Atmos and DTS:X processing with 7 channels of 140 Watts of Class AB output power into 4 ohm loads all channels driven and licensed for Dirac Live room correction ensuring optimal performance in any setting.

- 
- Supports Dolby® Atmos 7.1.4 processing
  - Decodes DTS:X 7.1.4 processing
  - Supports Dirac Live LE Room Correction
  - 8 HDMI 2.0b inputs capable of 4K/UHD video pass-through
  - 3 HDMI inputs and both HDMI outputs support HDCP 2.2
  - Bluetooth with apt-X
  - PC-USB input supporting 24-bit/192kHz audio
  - Moving Magnet Phono Stage Input
  - 6 x Wolfson premium 24-bit/192kHz Digital to Analogue Converters
  - 7 x 140W class AB amplification
  - Available in Black and Silver
-



**RAP-1580MKII** Surround Amplified Processor



**RSP-1576MKII** Surround Processor

**RMB-1555** Multichannel Amplifier

# Maximum fidelity.

Envelops you in dramatic cinematic sound, but also does full justice to pure music listening.



## RSP-1576MKII

The RSP-1576MKII has been custom engineered for music and movie lovers alike supporting 7.1.4 Dolby Atmos and DTS:X in vivid resolution. Replete with features including 14 audio inputs, 7x2 HDMI 4K/HDR video connections and fully licensed Dirac Live room correction this processor is sure to bring countless hours of entertainment.

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Supports Dolby® Atmos 7.1.4 processing

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Decodes DTS:X 7.1.4 processing

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Supports Dirac Live Full Room Correction

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7 HDMI 2.0b inputs capable of 4K/UHD video pass-through

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7 HDMI inputs and both HDMI outputs support HDCP 2.2 and HDR 10

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Bluetooth with apt-X

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PC-USB input supporting 24-bit/192kHz audio

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Balanced XLR inputs

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Moving Magnet Phono Stage input for turntable connection

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6 x Wolfson premium 24-bit/192kHz DACs

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Rack ears included

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Available in Black and Silver

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# Exceptional sound.

Rotel amplifiers excel at extracting all of the drama, suspense and action from your favorite movies and concerts.



## RMB-1585

The pinnacle of performance in our superb multichannel power amplifier range, the RMB-1585 features 5 x 200 Watts to drive even the largest home theater speaker systems.

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5 x 200 Watts of robust power

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Class AB amplifier design

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Massive power supply using  
Dual Toroidal Transformers

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High quality slit foil capacitors made in Britain

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Rack ears included

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Available in Black and Silver

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## RMB-1555

With only slightly less power than its big brother, the RMB-1555 retains a very robust power supply to deliver 5 x 120 Watts per channel to medium and large home theaters.

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5 x 120 Watts of robust power

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Class AB amplifier design

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High quality slit foil capacitors made in Britain

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12 volt trigger input

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Rack ears included

---

Available in Black and Silver

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## MUSIC SYSTEMS



**CD11 Tribute** CD Player

**A11 Tribute** Integrated Amplifier

A minimalist interior scene featuring a large window with a dark frame. The window looks out onto a bright, overexposed outdoor area. In the bottom right corner, a portion of a modern, curved chair with a light-colored, possibly white or light grey, finish is visible. The overall aesthetic is clean and modern.

Sound  
at its best

# Made for the modern listener.

All the connectivity you need and the advanced audiophile technology to really bring it to life.



## RA-1592

The RA-1592 Integrated Amplifier leverages the strengths of our award winning RC-1590 preamplifier and RB-1582MKII power amplifier in a sleek single chassis design delivering 200W per channel.

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2 x 200 Watts of robust Class AB power

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Moving Magnet Phono Input

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Bluetooth with aptX

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

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Balanced XLR inputs

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Available in Black and Silver



## RA-1572

The RA-1572 combines proven analogue design with sophisticated digital circuits to bring all of your sources to life with amazing fidelity with 120-watts of Classic Rotel Class AB power.

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2 x 120 Watts of robust Class AB power

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Bluetooth with aptX

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

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Moving Magnet Phono Input  
for turntable connection

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Available in Black and Silver



## A14

The A14 is a high performance 80-watt per channel integrated amplifier delivering superb music reproduction featuring connections for both analogue and digital sources including aptX Bluetooth streaming.

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2 x 80 Watts of robust Class AB power

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Integrated Bluetooth aptX

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

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Moving Magnet Phono Input  
for turntable connection

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Available in Black and Silver



**RA-1572** Integrated Amplifier



## A12

Rotel's A12 integrated amplifier offers impressive audio performance with Class AB 60 watts per channel. Input connections include both analogue and digital, along with aptX Bluetooth streaming capability.

2 x 60 Watts of robust Class AB power
Front panel USB input for iOS devices
Bluetooth with aptX
Wolfson premium 24-bit/192kHz Digital to Analogue Converter
Moving Magnet Phono Input for turntable connection
Available in Black and Silver



## A11 Tribute

The A11 Tribute is a Class AB 50W Integrated Amplifier developed in cooperation with the audio engineering legend Ken Ishiwata as a Tribute to his legacy.

2 x 50 Watts of classic Rotel Class AB power
Moving Magnet Phono Stage Input
4 RCA analog inputs
Bluetooth with aptX and AAC
Texas Instruments 24-bit/192kHz Digital to Analog Converter
Dual A-B selectable speaker outputs
Available in Black and Silver



## A10

The A10 is a 40-watt per channel integrated amplifier that will satisfy the audio purist who doesn't require digital source inputs.

2 x 40 Watts of robust Class AB power
High current power supply
3.5mm analogue media input
Moving Magnet Phono Input for turntable connection
Available in Black and Silver

#musiclover



RA-1592 Integrated Amplifier





STEREO PREAMPLIFIERS

# Control & flexibility.

From bluetooth to analogue turntables, CD players to digital streams, Rotel Preamplifiers allow you unprecedented control and flexibility to listen how you like.

RC-1572 Stereo Preamplifier  
RB-1552 MKII Stereo Amplifier



## RC-1590

For music enthusiasts who won't accept compromise, the reference RC-1590 preamplifier is in a class by itself.

- AKM premium 32-bit/768kHz Digital to Analogue Converter
- Moving Magnet Phono Stage Input for vinyl lovers
- Bluetooth with aptX
- Dual toroidal transformers isolate the analogue and digital signal paths
- Balanced XLR inputs and dual outputs
- Available in Black and Silver



## RC-1572

The RC-1572 provides an entryway into higher performing separate components with all of the analogue and digital inputs required by today's sources.

- AKM premium 32-bit/768kHz Digital to Analogue Converter
- Bluetooth with aptX
- Moving magnet phono input for turntable connection
- Balanced XLR inputs and outputs
- Available in Black and Silver



CD PLAYERS

# Elevating performance.

Refined technology and evolved circuitry will bring your CDs to life.

A11 Tribute Integrated Amplifier  
CD11Tribute CD Player



## RCD-1572

The culmination of more than three decades of Rotel CD technology refinement, the RCD-1572 is the flagship CD player in Rotel's 15 Series.

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Wolfson premium 24-bit/192kHz  
Digital to Analogue Converter

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Smooth action tray loading  
CD mechanism

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Includes remote control

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Balanced XLR outputs

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Available in Black and Silver

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## CD14

Enjoy your CD collection investment with Rotel's CD14 compact disc player. As with all 14 series components, it features a high performance power supply and intuitive operation.

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Wolfson premium 24-bit/192kHz  
Digital to Analogue Converter

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Coaxial digital output connection

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Includes remote control

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12 volt trigger input

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Available in Black and Silver

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## CD11Tribute

Rotel's CD11 Tribute CD player was engineered with hands-on support from audio legend Ken Ishiwata utilizing a custom selection of acoustically tuned components delivering an even higher level of performance and acoustic clarity.

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Texas Instruments 24-bit 192kHz  
Digital to Analog converter

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Tray loading CD mechanism

---

RCA analogue and Coaxial digital output

---

RS232 and 12V trigger input

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Available in Black and Silver

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# Power & refinement.

Engineered to be robust, yet able to extract every last nuance out of even the most complex musical score.



## RB-1590

The RB-1590 is at the top of its class as a 2 x 350 Watts stereo amplifier with dual toroidal transformers and high efficiency slit foil capacitors.

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2 x 350 Watts of robust power

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Class AB amplifier design

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Massive power supply using  
Dual Toroidal Transformers

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High quality British slit foil capacitors

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Balanced XLR inputs

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Available in Black and Silver

---



## RB-1582 MKII

At 2 x 200 Watts per channel and utilizing Rotel's Balanced Design Concept for superior performance, the RB-1582 MKII is a compelling stereo amplifier.

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2 x 200 Watts of robust power

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Class AB amplifier design

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High performance, low ESR British slit foil capacitors

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Balanced XLR inputs

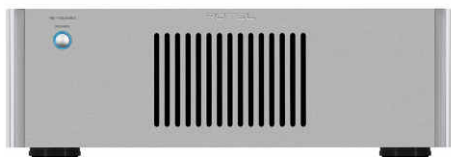
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Rack ears included

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Available in Black and Silver

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## RB-1552 MKII

RB-1552 MKII is built upon the same platform as the RB-1582 MKII with a power output capability of 2 x 130 Watts.

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2 x 130 Watts of robust power

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Class AB amplifier design

---

High quality British engineered slit foil capacitors

---

Balanced XLR inputs

---

Rack ears included

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Available in Black and Silver

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# Top notch listening.

Rotel tuners provide a wealth of high quality listening choices.



## T14

The T14 provides a wealth of high quality listening choices, from over the air FM/DAB+ broadcasts to a wide variety of internet streaming services over Wifi courtesy of DTS Play-Fi.

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DTS Play-Fi technology for wireless audio streaming

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DAB+ tuning

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iOS control App

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TI 32 bit / 384 kHz DAC

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RDS (Radio Data System) capability for FM broadcasts

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Available in Black and Silver

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**T11** Tuner  
**A10** Integrated Amplifier



## T11

Rotel's T11 is a high quality FM/DAB+ tuner with up to 30 station presets. It provides a wealth of free music listening options.

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DAB+ tuning

---

RDS (Radio Data System) capability for FM broadcasts

---

Includes remote control

---

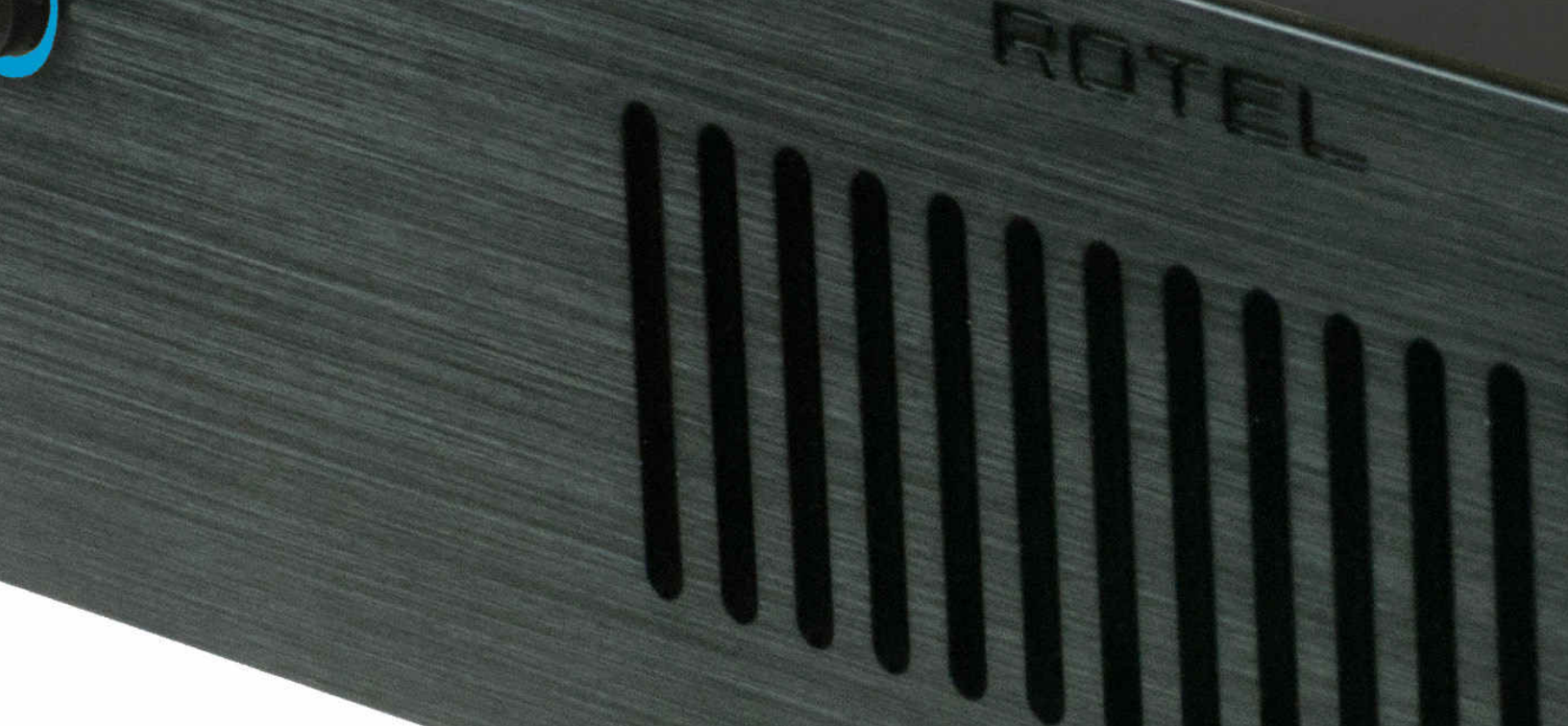
Available in Black and Silver

## WHOLE HOUSE AUDIO



Music  
everywhere





## RMB-1512

No longer do you need to purchase several large amplifiers to obtain a high performance multizone audio system. The RMB-1512 features an advanced Class D design that provides plenty of power (12 x 100 Watts into 8 ohms) for the most demanding multizone audio systems, but never runs the danger of overheating itself or other electronic components placed in the same vicinity.

The RMB-1512 features everything needed for remote operation and custom installation including 12 volt trigger, signal sensing, input bussing, sum-to-mono, buffered link output, front panel attenuation controls, five-way binding posts and screw terminals.

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12 x 100 Watts of robust power

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Class D amplifier design

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Automatic signal sensing

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12 volt trigger input

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Available in Black

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## RMB-1506

The RMB-1506 is perfect for less elaborate multizone audio systems and can be mated with our surround receiver or our preamp/processors to add music throughout three additional living areas or “zones” of your home. A buffered link output allows you to link additional amplifiers for larger multizone applications.

As with all Rotel custom amplifiers it includes the most wanted custom installation features such as front panel attenuation control, input linking, 12-volt trigger, buffered link output, five-way binding posts and an IEC detachable power cord.

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6 x 50 Watts of robust power

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Class AB amplifier design

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Automatic signal sensing

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12 volt trigger input

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Available in Black

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## RMB-1504

The RMB-1504 Class AB 4-channel amplifier delivers on the ongoing commitment of performance without compromise building on over 55 years of Rotel amplifier design and in-house manufacturing of Hi-Fi electronics. This amplifier provides the power and refinement suited for home theater installations as well as custom installation multi-room audio solutions.

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4 x 70 Watts of robust power

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Class AB amplifier design

---

Automatic signal sensing

---

12 volt trigger input

---

Available in Black

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## SPECIFICATIONS

### RAP-1580MKII

#### Audio

##### Continuous Power Output

1k Hz, THD < 0.05%, 4 ohms	200 watts / channel (2 channels driven)
1k Hz, THD < 0.05%, 4 ohms	140 watts / channel (7 channels driven)
1k Hz, THD < 0.05%, 8 ohms	135 watts / channel (2 channels driven)
20 - 20k Hz, THD < 0.05%, 8 ohms	100 watts / channel (7 channels driven)

**Total Harmonic Distortion** < 0.05%

**Intermodulation Distortion** < 0.05%  
(60 Hz : 7k Hz, 4:1)

##### Frequency Response

Phono Input	20 Hz - 20k Hz, ± 1 dB
Analog Bypass	10 Hz - 100k Hz, ± 1 dB
Digital Input	20 Hz - 20k Hz, ± 0.5 dB

**Damping Factor** (1k Hz, 8 ohms) 230

##### Signal to Noise Ratio (IHF A-weighted)

Analog Bypass	100 dB
Digital Input	96 dB

##### Input Sensitivity / Impedance

Phono Level	3.85 mV / 47k ohms
Line Level	300 mV / 100k ohms
Balance Level	600 mV / 100k ohms

**Preamp Output Level** 1.2 V

**Digital Audio** LPCM (up to 24-bit / 192kHz)  
Dolby® Surround, Dolby® TrueHD,  
Dolby® Atmos, DTS-HD Master  
Audio, DTS:X, Dirac Live LE

#### Video

**Input Resolutions** 480i/576i, 480p/576p, 720p, 1080i,  
1080p, 1080p 24Hz, 3D, 4K, UHD

**Output Resolution** 480i/576i, 480p/576p, 720p, 1080i,  
1080p, 1080p 24Hz, 3D, 4K, UHD

**Color Space Support** sRGB, YCbCr 4:2:2, YCbCr 4:4:4

**Deep Color Support** 24-bit, 30-bit, 36-bit

**HDMI Inputs / Outputs** 8 inputs with 3 supporting HDCP 2.2  
2 outputs supporting HDCP 2.2  
Audio Return Channel

### RSP-1576MKII

#### Audio

**Total Harmonic Distortion** 0.0006% (Analog Bypass)  
0.003% (Digital Input)

**Intermodulation Distortion** < 0.005%  
(60 Hz : 7k Hz, 4:1)

##### Frequency Response

Phono Input	20 Hz - 20k Hz, ± 0.5 dB
Analog Bypass	10 Hz - 100k Hz, ± 1.0 dB
Digital Input	20 Hz - 20k Hz, ± 0.5 dB

##### Signal to Noise Ratio (IHF A-weighted)

Analog Bypass	112 dB
Digital Input	112 dB

##### Input Sensitivity / Impedance

Phono Level	3.5 mV / 47k ohms
Line Level	270 mV / 100k ohms
Balance Level	500 mV / 100k ohms

**Preamp Output Level** 1.0 V (Line Level)

**Channel Separation** > 75 dB (at 10k Hz)

**Digital Audio** LPCM (up to 24-bit / 192kHz)  
Dolby® Surround, Dolby® TrueHD,  
Dolby® Atmos, DTS-HD Master Audio,  
DTS:X, Dirac Live Full

#### Video

**Input Resolutions** 480i/576i, 480p/576p, 720p,  
1080i, 1080p, 1080p 24Hz,  
3D, 4K, UHD, 4K 60Hz, 4K HDR10

**Output Resolution** 480i/576i, 480p/576p, 720p,  
1080i, 1080p, 1080p 24Hz,  
3D, 4K, UHD, 4K 60Hz, 4K HDR10

**Color Space Support** sRGB, YCbCr 4:2:2, YCbCr 4:4:4

**Deep Color Support** 24-bit, 30-bit, 36-bit

**HDMI Inputs / Outputs** 7 inputs supporting HDCP 2.2, HDMI2.0b  
2 outputs supporting HDCP 2.2, HDMI2.0b  
Audio Return Channel

### RMB-1585

**Power Output** 200 watts x 5 channels  
(all channels driven)  
(20 Hz-20k Hz, < 0.03% THD, 8 ohms)

**Intermodulation Distortion** < 0.03%  
(60 Hz : 7k Hz, 4:1)

**Damping Factor** (8 ohms) 260

**Gain** 26.5 dB

##### Input Sensitivity / Impedance

Unbalanced (RCA)	1.9 V / 12k ohms
Balanced (XLR)	3.8 V / 100k ohms

**Frequency Response** 10 Hz - 100k Hz (± 3.0 dB)

**Signal to Noise Ratio** (IHF A-weighted) 116 dB

### RMB-1555

**Power Output** 120 watts x 5 channels  
(all channels driven)  
(20 Hz-20k Hz, < 0.03% THD, 8 ohms)

**Intermodulation Distortion** < 0.03%  
(60 Hz : 7k Hz, 4:1)

**Damping Factor** (8 ohms) 180

**Gain** 26.5 dB

**Input Sensitivity / Impedance** 1.5 V / 12k ohms

**Frequency Response** 10 Hz - 100k Hz (± 3.0 dB)

**Signal to Noise Ratio** (IHF A-weighted) 116 dB

# RA-1592

<b>Continuous Power Output</b> (20 Hz - 20k Hz, < 0.03%, 8 ohms)	200 watts / channel
<b>Total Harmonic Distortion</b> (20 Hz - 20k Hz, 8 ohms)	< 0.03%
<b>Intermodulation Distortion</b> (60 Hz : 7k Hz, 4:1)	< 0.03%
<b>Frequency Response</b>	
Phono Input	20 Hz - 20k Hz, ± 0.5 dB
Line Level Inputs	10 Hz - 100k Hz, ± 0.5 dB
<b>Damping Factor</b> (20 Hz - 20k Hz, 8 ohms)	600
<b>Input Sensitivity / Impedance</b>	
Phono Input (MM)	5.2 mV / 47k ohms
Line Level Inputs (RCA)	340 mV / 100k ohms
Line Level Inputs (XLR)	540 mV / 100k ohms
<b>Input Overload</b>	
Phono Input (MM)	52 mV
Line Level Inputs (RCA)	3.5 V
Line Level Inputs (XLR)	5.5 V
<b>Preamplifier Output / Impedance</b>	1.9 V / 100 ohms
<b>Signal to Noise Ratio</b> (IHF A-weighted)	
Phono Input (MM)	80 dB
Line Level Inputs	103 dB
<b>Digital Section</b>	
<b>Frequency Response</b>	10 Hz - 90k Hz (± 2.0 dB, Max)
<b>Signal to Noise Ratio</b> (IHF A-weighted)	102 dB
<b>Input Sensitivity / Impedance</b>	0 dBfs / 75 ohms
<b>Preamplifier Output Level</b>	1.4 V (at -20 dB)
<b>Coaxial / Optical Digital Signals</b>	SPDIF LPCM (up to 24-bit / 192k Hz)
<b>PC-USB</b>	USB Audio Class 1.0 (up to 24-bit / 96k Hz) USB Audio Class 2.0 (up to 32-bit / 384k Hz)* *Driver installation required DSD and DoP support

# RA-1572

<b>Continuous Power Output</b> (20 Hz - 20k Hz, < 0.03%, 8 ohms)	120 watts / channel
<b>Total Harmonic Distortion</b> (20 Hz - 20k Hz, 8 ohms)	< 0.03%
<b>Intermodulation Distortion</b> (60 Hz : 7k Hz, 4:1)	< 0.03%
<b>Frequency Response</b>	
Phono Input	20 Hz - 20k Hz, ± 0.5 dB
Line Level Inputs	10 Hz - 100k Hz, ± 0.5 dB
<b>Damping Factor</b> (20 Hz - 20k Hz, 8 ohms)	300
<b>Input Sensitivity / Impedance</b>	
Phono Input (MM)	2.1 mV / 47k ohms
Line Level Inputs (RCA)	270 mV / 100k ohms
Line Level Inputs (XLR)	440 mV / 100k ohms
<b>Input Overload</b>	
Phono Input (MM)	32 mV
Line Level Inputs (RCA)	4 V
Line Level Inputs (XLR)	5.5 V
<b>Preamplifier Output / Impedance</b>	1.5 V / 470 ohms
<b>Signal to Noise Ratio</b> (IHF A-weighted)	
Phono Input (MM)	80 dB
Line Level Inputs	100 dB
<b>Digital Section</b>	
<b>Frequency Response</b>	10 Hz - 90k Hz (± 2.0 dB, Max)
<b>Signal to Noise Ratio</b> (IHF A-weighted)	100 dB
<b>Input Sensitivity / Impedance</b>	0 dBfs / 75 ohms
<b>Preamplifier Output Level</b>	1.3 V (at -20 dB)
<b>Digital Inputs</b>	SPDIF LPCM (up to 24-bit / 192k Hz)
<b>PC-USB</b>	USB Audio Class 1.0 (up to 24-bit / 96k Hz) USB Audio Class 2.0 (up to 32-bit / 384k Hz)* *Driver installation required DSD and DoP support

# SPECIFICATIONS

	A14	A12	A11 Tribute	A10
<b>Continuous Power Output</b> (20 Hz - 20k Hz, < 0.03%, 8 ohms)	80 watts / channel	60 watts / channel	50 watts / channel	40 watts / channel
<b>Total Harmonic Distortion</b> (20 Hz - 20k Hz, 8 ohms)	< 0.03%	< 0.03%	< 0.03%	< 0.03%
<b>Intermodulation Distortion</b> (60 Hz : 7k Hz, 4:1)	< 0.03%	< 0.03%	< 0.03%	< 0.03%
<b>Frequency Response</b>				
Phono Input	20 Hz - 20k Hz, ± 0.5 dB	20 Hz - 20k Hz, ± 0.5 dB	20Hz - 20k Hz, ± 0.5 dB	20 Hz - 15k Hz, ± 0.3 dB
Line Level Inputs	10 Hz - 100k Hz, ± 0.5 dB	10 Hz - 100k Hz, ± 0.5 dB	10Hz - 100k Hz, ± 0.5 dB	10 Hz - 40k Hz, ± 1.0 dB
<b>Damping Factor</b> (20 Hz - 20k Hz, 8 ohms)	220	220	140	180
<b>Input Sensitivity / Impedance</b>				
Phono Input	3.4 mV / 47k ohms	3 mV / 47k ohms	2.3 mV / 47k Ohms	2.5 mV / 47k ohms
Line Level Inputs	230 mV / 24k ohms	200 mV / 24k ohms	180 mV / 47k Ohms	150 mV / 24k ohms
<b>Input Overload</b>				
Phono Input	50 mV	50 mV	50 mV	180 mV
Line Level Inputs	4 V	4 V	4 V	5 V
<b>Preamplifier Output / Impedance</b>	1.2 V / 470 ohms	1 V / 470 ohms	1 V / 470 Ohms	1 V / 470 ohms
<b>Tone Controls - Bass / Treble</b>	± 10 dB at 100 Hz / 10k Hz	± 10 dB at 100 Hz / 10k Hz	± 10 dB at 100 Hz / 10k Hz	± 6 dB at 100 Hz / 10k Hz
<b>Signal to Noise Ratio</b> (IHF A-weighted)				
Phono Input	90 dB	90 dB	85 dB	80 dB
Line Level Inputs	100 dB	100 dB	100 dB	100 dB
<b>Digital Section</b>				
<b>Frequency Response</b>	10 Hz - 80k Hz (± 3.0 dB, Max)	10 Hz - 80k Hz (± 3.0 dB, 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 - 20 dB)	1.3 V (at - 20 dB)		
<b>Digital Inputs</b>	SPDIF LPCM (up to 24-bit / 192k Hz)	SPDIF LPCM (up to 24-bit / 192k Hz)		
<b>PC-USB</b>	USB Audio Class 1.0 (up to 24-bit / 96k Hz) USB Audio Class 2.0 (up to 32 bit / 384k Hz)* *Driver installation required DSD and DoP support	USB Audio Class 1.0 (up to 24-bit / 96k Hz) USB Audio Class 2.0 (up to 24-bit / 192k Hz)* *Driver installation required		

## RCD-1572

<b>Total Harmonic Distortion + Noise</b>	0.002% @ 1k Hz
<b>Frequency Response</b>	20 Hz - 20k Hz (± 0.5 dB)
<b>Channel Balance</b>	± 0.5 dB
<b>Channel Separation</b>	> 115 dB @ 10k Hz
<b>Signal to Noise Ratio</b> (IHF A-weighted)	> 118 dB
<b>Dynamic Range</b>	> 99 dB
<b>Digital to Analog Converters</b>	Wolfson 24-bit / 192k Hz DAC
<b>Analog Output Level / Impedance</b> (0dBfs)	
Unbalanced (RCA)	2.2 V / 100 ohms
Balanced (XLR)	4.4 V / 200 ohms
<b>Digital Output Level</b>	0.5 V, Peak to Peak
<b>Load Impedance</b>	75 ohms

## CD14

<b>Total Harmonic Distortion + Noise</b>	0.002% @ 1k Hz
<b>Intermodulation Distortion</b>	0.002% @ 1k Hz
<b>Frequency Response</b>	20 Hz - 20k Hz (± 0.5 dB)
<b>Channel Balance</b>	± 0.5 dB
<b>Phase Linearity</b>	± 0.5 degree
<b>Channel Separation</b>	> 115 dB @ 10k Hz
<b>Signal to Noise Ratio</b> (IHF A-weighted)	> 118 dB
<b>Dynamic Range</b>	> 99 dB
<b>Digital to Analog Converters</b>	Wolfson 24-bit / 192k Hz DAC
<b>Analog Output Impedance</b>	100 ohms
<b>Digital Output Level</b>	0.5 V, Peak to Peak
<b>Load Impedance</b>	75 ohms

## CD11 Tribute

0.009% @ 1k Hz
0.009% @ 1k Hz
20-20,000 Hz
± 0.5 db
± 0.5 degree
> 115 dB @ 10k Hz
> 125 dB
> 99 dB
Texas Instruments 24-bit / 192k Hz DAC
470 Ohms
0.5 Volt, Peak to Peak
75 Ohms

## RC-1590

**Total Harmonic Distortion**  
(20 Hz - 20k Hz) < 0.002%

**Input Sensitivity / Impedance**

Phono Input (MM)	2.5 mV / 47k ohms
Line Level Inputs (RCA)	150 mV / 100k ohms
Line Level Inputs (XLR)	250 mV / 100k ohms

**Output Level**

Line Level (RCA)	1 V
Balanced (XLR)	2 V

**Frequency Response**

Phono Input	20 Hz - 20k Hz, ± 0.2 dB
Line Level Inputs	10 Hz - 100k Hz, ± 0.1 dB

**Signal to Noise Ratio** (IHF A-weighted)

Phono Input	80 dB
Line Level Inputs	112 dB

**Channel Separation**

Phono Input	> 75 dB
Line Level Inputs	> 75 dB

**Digital Section**

**Frequency Response** 20 Hz - 20k Hz, (± 0.5 dB, Max)

**Signal to Noise Ratio** (IHF A-weighted) 108 dB

**Digital Inputs**

SPDIF LPCM (up to 24-bit / 192k Hz)

**PC-USB**

USB Audio Class 1.0 (up to 24-bit / 96k Hz)  
USB Audio Class 2.0 (up to 24-bit / 192k Hz)\*  
\*Driver installation required  
DSD and DoP support

## RC-1572

**Total Harmonic Distortion**  
(20 Hz - 20k Hz) < 0.004%

**Intermodulation Distortion**  
(60 Hz : 7k Hz, 4:1) < 0.004%

**Input Sensitivity / Impedance**

Phono Input (MM)	3 mV / 47k ohms
Line Level Inputs (RCA)	200 mV / 100k ohms
Line Level Inputs (XLR)	300 mV / 100k ohms

**Input Overload**

Phono Input	62 mV
Line Level Inputs	4 V

**Output Level**

Line Level (RCA)	1 V
Balanced (XLR)	2 V

**Frequency Response**

Phono Input	20 Hz - 20k Hz, ± 0.3 dB
Line Level Inputs	10 Hz - 100k Hz, ± 0.3 dB

**Tone Controls**

Bass	± 10 dB at 100 Hz
Treble	± 10 dB at 10k Hz

**Signal to Noise Ratio** (IHF A-weighted)

Phono Input	80 dB
Line Level Inputs	110 dB

**Channel Separation**

> 64 dB

**Digital Section**

**Frequency Response** 20 Hz - 20k Hz (± 0.5 dB Max)

**Signal to Noise Ratio** (IHF A-weighted) 100 dB

**Input Sensitivity / Impedance**

0 dBfs / 75 ohms

**Digital Inputs**

SPDIF LPCM (up to 24-bit / 192k Hz)

**PC-USB**

USB Audio Class 1.0 (up to 24-bit / 96k Hz)  
USB Audio Class 2.0 (up to 32-bit / 384k Hz)\*  
\*Driver installation required  
DSD and DoP support

## RB-1590

**Power Output**  
(all channels driven) 350 watts x 2 channels  
(20 Hz - 20k Hz, < 0.03%, 8 ohms)

**Intermodulation Distortion**  
(60 Hz : 7k Hz, 4:1) < 0.03%

**Damping Factor** (8 ohms) 300

**Input Sensitivity / Impedance**

Unbalanced (RCA)	2.2 V / 12k ohms
Balanced (XLR)	3.5 V / 100k ohms

**Frequency Response** 10 Hz - 100k Hz (± 0.5 dB)

**Signal to Noise Ratio** (IHF A-weighted) 120 dB

**Gain**

Unbalanced (RCA)	27.5 dB (± 0.5 dB)
Balanced (XLR)	23.5 dB (± 0.5 dB)

## RB-1582 MKII

200 watts x 2 channels  
(20 Hz - 20k Hz, < 0.03% THD, 8 ohms)

< 0.03%

800

1.9 V / 12k ohms

3.0 V / 100k ohms

10 Hz-100k Hz (± 0.5 dB)

116 dB

26.5 dB

22.5 dB

## RB-1552 MKII

130 watts x 2 channels  
(20 Hz - 20k Hz, < 0.03% THD, 8 ohms)

< 0.03%

450

1.5 V / 12k ohms

2.5 V / 100k ohms

10 Hz - 100k Hz (± 0.5 dB)

120 dB

26.5 dB

22.5 dB

## SPECIFICATIONS

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	T14	T11
<b>FM Tuner</b>		
<b>Usable Sensitivity</b>	22.2 dBf	22.2 dBf
<b>50dB Quieting Sensitivity</b>	27.2 dBf (mono)	27.2 dBf (mono)
<b>Signal to Noise Ratio</b>		
	Mono 65 dBf (at 70 dBf)	63 dBf (at 65 dBf)
	Stereo 60 dBf (at 70 dBf)	60 dBf (at 65 dBf)
<b>Harmonic Distortion</b>		
	Mono 0.2% (at 70 dBf)	0.2% (at 65 dBf)
	Stereo 0.3% (at 70 dBf)	0.3% (at 65 dBf)
<b>Frequency Response</b>	10 Hz - 15k Hz, ± 3.0 dB	10 Hz - 15k Hz, ± 3.0 dB
<b>Stereo Separation</b> (100 Hz / 1kHz)	35 dB / 30 dB	40 dB / 37 dB
<b>Output Level</b>	1.4 V	1.0 V
<b>Antenna Input</b>	75 ohms F connector	75 ohms F connector
<b>DAB Tuner</b>		
<b>Sensitivity</b>	-80 dBm	-80 dBm
<b>Tuning Range</b>	Band III (174 - 240M Hz)	Band III (174 - 240M Hz)
<b>Audio Data Rate</b>	224kbps (Max)	224kbps (Max)
<b>Frequency Response</b>	20 Hz - 20k Hz, ± 0.2 dB	20 Hz - 20k Hz, ± 1.0 dB
<b>Analog Output</b>	2.1 V at 0 dBFS	2.1 V at 0 dBFS
<b>Antenna Input</b>	75 ohms F connector	75 ohms F connector

	RMB-1512	RMB-1506	RMB-1504
<b>Power Output</b> (all channels driven)	100 watts x 12 channels (20 Hz-20k Hz, < 0.03% THD, 8 ohms)	50 watts x 6 channels (20 Hz-20k Hz, < 0.03% THD, 8 ohms)	70 watts x 4 channels (20 Hz-20k Hz, < 0.03% THD, 8 ohms)
	200 watts x 12 channels (20 Hz-20k Hz, < 0.03% THD, 4 ohms)	80 watts x 6 channels (DIN 1K Hz, 1.0% THD)	
<b>Intermodulation Distortion</b> (60 Hz : 7k Hz, 4:1)	< 0.03%	< 0.03%	< 0.03%
<b>Damping Factor</b> (8 ohms)	200	> 200	> 200
<b>Gain</b>	27.2 dB	26 dB	26 dB
<b>Input Sensitivity / Impedance</b>	1.25 V / 8.3k ohms	1.0 V / 20k ohms	1.0 V / 20k ohms
<b>Frequency Response</b>	10 Hz - 40k Hz (±1 dB)	10 Hz - 100k Hz (±1 dB)	10 Hz - 100k Hz (±1 dB)
<b>Signal to Noise Ratio</b> (IHF A-weighted)	105 dB	115 dB	115 dB



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