



R-S202



Hi-Fi Receiver featuring the outstanding sound quality and clean design that Yamaha is famous for. Bluetooth® compatibility provides instant wireless access to all the music on your smartphone or other devices.

- Yamaha high sound quality, created by rich experience and tradition, and high technological expertise
- Bluetooth® compatible for wireless music streaming
- 40 station FM/AM preset tuning
- Simple and sophisticated design
- Speaker selector and speaker terminals for two systems
- Auto power standby function
- Simple design remote control
- Head phone terminal



Yamaha High Sound Quality, Created by Rich Experience and Tradition, and High Technological Expertise

Yamaha, with a long history of 125 years as a musical instrument maker, also has a high reputation for HiFi components. The R-S202 was created by taking advantage of this rich experience and high technological expertise. Based on the concept of "Natural Sound", for reproducing all music as it really sounds, and built with scrupulous care from circuit design to basic sound production, even though an entry model it reproduces high sound quality and musically rich sound.

100 W x 2 High Output Power* and High Sound Quality Circuit Design

The R-S202, with 100 W* x 2 high drive power that's above its class, has a high sound quality design that minimises the length of signal routes and optimises the circuit layout. Positioning the power transformer near the power amp circuit reduces power loss while improving peak power supply capacity to enable high volume output. The signal ground and power supply ground are connected at one point, eliminating mutual interference to achieve a higher S/N ratio. The result is sound filled with clarity and a feeling of openness.

* 8 ohms, 40 Hz - 20 kHz, 0.2% THD

Bluetooth® Compatible for Wireless Music Streaming

The R-S202 provides Bluetooth® functionality to let you enjoy easy wireless music playback from smartphones and other devices. Use the display on your phone to select the songs from your library and hear them play with the full power and sound quality of your audio system.



40 Station AM/FM Preset Tuning

You can register up to 40 total FM and AM stations that you often listen to, then conveniently select them from either the receiver or the remote control. Auto Preset lets you automatically search for and register FM stations that can be received in your area. Frequencies appear on the display, so even when you want to listen to a new station, you can easily tune to its frequency.



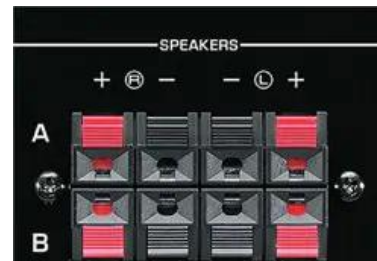
Simple and Sophisticated Design

The R-S202 inherits the simple and sophisticated design style that Yamaha HiFi audio is famous for. With an elegant hair line finish, it harmonises beautifully with other HiFi audio equipment. The operating buttons and volume knobs also show our commitment to simplicity and ease of use.



Speaker Selector and Speaker Terminals for Two Systems

Equipped with speaker terminals for two systems, this receiver lets you can connect two sets of speakers. The speaker selector makes it easy to switch between speaker outputs, allowing you to hear the sound from one speaker system (A or B) or from both (A+B).



Power Saving

A power management function automatically cuts off the power (switches to standby mode) when the receiver has not been operated for a long time. It can be set to 2, 4, 8 or 12 hours, or off. In addition, power consumption during standby is only 0.5 W, achieving good energy saving performance.

SPECIFICATIONS

AUDIO SECTION

- Minimum RMS output power
(8 Ω, 40 Hz to 20 kHz, 0.2% THD)
[North America, General, China, Korea, Australia and Europe models] 100 W + 100 W
[Asia model] 85 W + 85 W
- Dynamic power per channel (8 Ω/6 Ω/4 Ω/2 Ω, IHF)
..... 125 W/150 W/165 W/180 W
- Maximum power per channel (4 Ω, 1 kHz, 0.7%, THD)
[Europe model] 115 W
- Maximum effective output power (8 Ω, 1 kHz, 10%, THD)
[General model] 140 W
[Asia model] 125 W
- Input sensitivity/Input impedance (1 kHz, 100 W/8 Ω)
CD, etc. 500 mV/47 kΩ
- Output level/Output impedance
CD, etc. (Input 1 kHz, 500 mV)
LINE3 OUT 500 mV/2.2 kΩ
CD, etc. (Input 1 kHz, 500 mV, 8 Ω)
PHONES 470 mV/470 Ω
- Frequency response
CD, etc. (20 Hz to 20 kHz) 0 ± 0.5 dB
CD, etc. (10 Hz to 100 kHz) 0 ± 3.0 dB
- Total harmonic distortion
CD, etc. to SPEAKERS
(20 Hz to 20 kHz, 50 W/8 Ω) 0.2% or less
- Signal to noise ratio (IHF-A)
CD, etc. (500 mV input shorted) 100 dB or more
- Residual noise (IHF-A) 70 μV
- Tone control characteristics
BASS
Boost/Cut (50 Hz) ± 10 dB
Turnover frequency 170 Hz
TREBLE
Boost/Cut (20 kHz) ± 10 dB
Turnover frequency 3.0 kHz

Bluetooth SECTION

- *Bluetooth* version Ver. 4.1+EDR
- Supported profile A2DP, AVRCP
- Compatible codec SBC, AAC
- Maximum communication distance 10m (without interference)
- Wireless output *Bluetooth* Class 2
- Supported contents protection SCMS-T method

FM SECTION

- Tuning range
[North America model] 87.5 to 107.9 MHz
[General and Asia models]
..... 87.5 to 107.9 MHz/87.50 to 108.00 MHz
[China, Korea, Australia and Europe models]
..... 87.50 to 108.00 MHz
- 50 dB quieting sensitivity (IHF-A, 1 kHz, 100% MOD.)
Mono 3 μV (20.8 dBf)
- Signal to noise ratio (IHF-A)
Mono/Stereo 71 dB/70 dB
- Harmonic distortion (1 kHz)
Mono/Stereo 0.4%/0.4%
- Antenna Input 75 Ω, unbalanced

AM SECTION

- Tuning range
[North America model] 530 to 1710 kHz
[General and Asia models] 530 to 1710 kHz/531 to 1611 kHz
[China, Korea, Australia and Europe models] 531 to 1611 kHz

GENERAL

- Power supply
[North America model] AC 120 V, 60 Hz
[General model] AC 110-120/220-240 V, 50/60 Hz
[China model] AC 220 V, 50 Hz
[Korea model] AC 220 V, 60 Hz
[Australia model] AC 240 V, 50 Hz
[Europe model] AC 230 V, 50 Hz
[Asia model] AC 220-240 V, 50/60 Hz
- Power consumption
[North America, General, China, Korea, Australia and Europe models] 175 W
[Asia model] 140 W
- Standby power consumption
[North America, China, Korea, Australia, Europe and Asia models] 0.3 W
- Dimensions (W × H × D) 435 × 141 × 322 mm
(17"1/8" × 5"1/2" × 12"5/8")
- Weight 6.7 kg (14.8 lbs)

* The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file.



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Bluetooth

Bluetooth is a technology for wireless communication between devices within an area of about 10 meters (33 ft) employing the 2.4 GHz frequency band, a band which can be used without a license.

Handling *Bluetooth* communications

- The 2.4 GHz band used by *Bluetooth* compatible devices is a radio band shared by many types of equipment. While *Bluetooth* compatible devices use a technology minimizing the influence of other components using the same radio band, such influence may reduce the speed or distance of communications and in some cases interrupt communications.
- The speed of signal transfer and the distance at which communication is possible differs according to the distance between the communicating devices, the presence of obstacles, radio wave conditions and the type of equipment.
- Yamaha does not guarantee all wireless connections between this unit and devices compatible with *Bluetooth* function.