



NR1602 "Slim-line" Home Theater Receiver

Networking from a Marantz NR Series receiver? This and much more is available now in the new NR1602. Enjoy streaming audio content from online music services like Pandora, Rhapsody and Napster, as well as from your own home network, or access thousands of Internet radio stations from all over the world with the built in v-Tuner Internet radio. AirPlay allows you to stream music wirelessly from your iPhone, iPod Touch and iPad over your home network. Two audio zones bring unprecedented flexibility to this Slim-Line series receiver, while the Set Up Wizard insures you'll be up and running in no time. Full RS232 control delivers compatibility with the best third party remote control systems, while a front panel USB connection is provided for iPod and USB drives. Audyssey MultEQ room correction, Dynamic EQ and Dynamic Volume guarantee superb sound quality in any room.

AUDIO/VIDEO CONNECTIONS

- 7.1 Channels
- AM/FM Tuner
- 56Tuner Presets: Group A-G: each 8 channels
- 6 RCA Analog inputs (incl. Front mini jack input)
- 2 Optical, 2 Coaxial SPDIF Digital Inputs
- 4/1 HDMI ver.1.4a In/Out
 - CEC (Control)
 - ARC (Audio Return Channel)
 - HDMI In Stand By
 - Auto Lip Sync.
 - Deep Color, x.v.Color
 - Pass through in Standby mode
- 3/1 Component In / Out
- 3/1 Composite In / Out
- Assignable HDMI / Component inputs
- Front USB input for digital iPod Connection
- Front mini-jack for portable player
- Headphone Out
- Assignable 2.1 Channel Preamp-Out
- Speaker A or B Switching

ADVANCED CONNECTIONS

- iPhone/iPod Digital Connection
- Bluetooth Wireless Audio Transmission Capability
- External IR Receiver
- Marantz D-Bus(RC-5), Remote In / Out, RS232

AUDIO/VIDEO PROCESSING

- ANALOG DEVICES: SHARC 32-bit Processor
- Dolby: True HD/Digital Plus&EX/Pro Logic IIz, IIx
- Dolby: II/Virtual Speaker/Headphone
- DTS: HD Master&High Res. Audio/ES/96/24/
- DTS: Discrete&Matrix6.1/Neo:6/Express
- DTS Neural Surround
- Multi Ch Stereo
- Audyssey MultEQ Auto Calibration w/ MIC
- Audyssey Dynamic EQ / Dynamic Volume
- 9 Band EQ, -20dB - +6dB
- Independent Crossover Setting for each speaker
- Lip-sync (digital audio delay) 0-200 msec
- Volume Control Setting: Limit, Power On Vol
- Mute Level, Display type (dB or 0-99)
- Component/Composite to HDMI Trans-coding
- OSD output over HDMI

USER CONFIGURABLE FEATURES

- Input Level Adjust
- Input Assign (Component In/Digital In)
- Input Rename
- Input Skip
- On Screen Display (TEXT)
- Display Status Info.
- Software Upgradable

NETWORK FEATURES

- Ethernet port
- WEB Interface
- IP-based control, system backup/restore
- DLNA1.5 certified
- Stream audio and photos from all connected PC's
- vTuner Internet Radio w/ 14000 pre-loaded stations
- Stream audio and photos from Internet:
 - Rhapsody
 - Pandora
 - Napster
 - Flicker
- App Control

MARANTZ AUDIO ADVANTAGE

- All-discrete, 100w x 7 Class AB Output Stage
- High Current Linear Power Supply
- EI Core Power Transformer
- Pure Direct / Source Direct
- M-DAX (Marantz Dynamic Audio eXpander)
- Front Bi-Amp Drive Capability (Speaker C)
- Two audio zones
- Fully Discrete Amplification
- 192kHz/24-bit Audio DACS



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Audio Section

- Power amplifier

Rated output: Front:

50 W + 50 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Center:

50 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Surround:

50 W + 50 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Surround back:

50 W + 50 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

- Analog

Input sensitivity/Input impedance: 130 mV/47 kΩ

Frequency response: 10 Hz – 100 kHz — +1, -3 dB (DIRECT mode)

S/N: 98 dB (IHF-A weighted, DIRECT mode)

Video Section

- Standard video connectors

Input/output level and impedance: 1 Vp-p, 75 Ω

Frequency response: 5 Hz – 10 MHz — 0, -3 dB

- Color component video connector

Input/output level and impedance: Y (brightness) signal — 1 Vp-p, 75 Ω

PB / CB signal — 0.7 Vp-p, 75 Ω

PR / CR signal — 0.7 Vp-p, 75 Ω

Frequency response: 5 Hz – 60 MHz — 0, -3 dB

Tuner Section [FM] [AM]

(Note: μV at 75 Ω, 0 dBf = 1 x 10⁻¹⁵ W)

Receiving Range: 87.5 MHz – 108.0 MHz 522 kHz – 1611 kHz

Usable Sensitivity: 1.2 μV (12.8 dBf) 18 μV

50 dB Quieting Sensitivity: MONO 2.0 μV (17.3 dBf)

STEREO 42 μV (34.5 dBf)

S/N: MONO 72 dB (IHF-A weighted, DIRECT mode)

STEREO 67 dB (IHF-A weighted, DIRECT mode)

Total harmonic Distortion (at 1 kHz): MONO 0.3 %

STEREO 0.7 %

General

Power supply: AC 230 V, 50/60 Hz

Power consumption: 220 W

0.2 W (Standby)

3 W (CEC standby)

For purposes of improvement, specifications and design are subject to change without notice.



because music matters

All specifications, dimensions and weights are subject to change without notice.
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