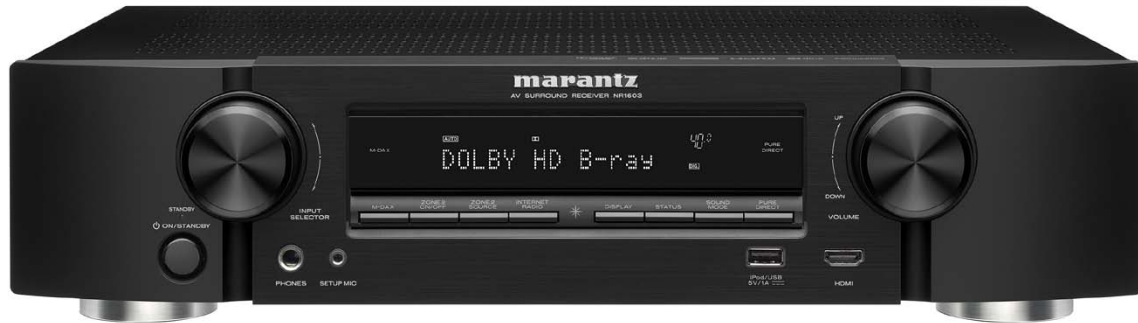


NR1603

AV SURROUND RECEIVER



marantz®



Slim Line 7.1 Channel 3D Pass Through, Networking Home Theater Receiver with AirPlay

Delivering crystal clear sound and network capability, the Marantz NR1603 7.1 Home Theater Receiver offers powerful performance in a Slim Line design. The receiver's comprehensive features include easy on-screen setup, an Ethernet port, six HDMI inputs including 1 on the front which can be used to connect mobile devices such as a camcorder or tablet, allowing you to immediately enjoy videos, photos, and music, and playback of the latest hi-definition audio formats. AirPlay allows you to stream music wirelessly from your iPhone, iPod Touch and iPad over your home network. The NR1603's advanced technology provides cutting-edge performance for all your movies and music.

Audio/Video Connections

- Fully discrete power amplifiers for all 7 channels (50 W x 7 ch, 8ohm 20-20kHz 0.08%)
- 2.1 Channel Preamp-Out
- Front Panel USB Input
- AirPlay®
- FM Tuner
- 56 Tuner Presets
- 3 RCA Analog inputs
- 1 Optical, 1 Coaxial Digital Inputs
- 3D pass-through technology
- 6/1 HDMI In/Out (incl. FRONT HDMI Input)
 - CEC (Control)
 - ARC(Audio Return Channel)
 - Standby source setting via HDMI control
 - Auto Lip Sync.
 - Deep Color, x.v.Color
 - Pass through in Standby mode
- 3/1 Composite In / Out
- 2/1 Component video in / out
- Headphone Out

Advanced Connections

- Bluetooth wireless connectivity via optional RX-101 Bluetooth Receiver
- External IR Receiver
- Marantz D-Bus(RC-5) Remote In / Out
- Mobile App control

Audio/Video Processing

- ANALOG DEVICES: SHARC 32-bit Processor
- Dolby: True HD/Digital Plus & EX/Pro Logic IIz / IIx / II
- DTS: HD Master & High Res. Audio/ES/96/24/Discrete/Matrix6.1 /Neo:6 /Express
- Multi Ch Stereo
- Audyssey MultEQ Auto Calibration w/ MIC
- Audyssey Dynamic EQ
- Audyssey 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 Level, Mute Level, Display type (0-98 or dB)
- GUI output over HDMI

User Configurable Features

- Input Level Adjust
- Input Assign (HDMI In/ Component In/ Digital In)
- Input Rename
- Input Skip
- Graphic User Interface
- Display Status Info.
- Setup Assistant

Marantz Audio Advantage

- All-discrete, 50w 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)
- 192kHz/24-bit Audio DACS

because music matters

Specifications

Audio Section

Power amplifier

Rated output: Front:

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

80 W + 80 W (6 ohm, 1 kHz with 10 % T.H.D.)

Center:

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

80 W (6 ohm, 1 kHz with 10 % T.H.D.)

Surround:

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

80 W + 80 W (6 ohm, 1 kHz with 10 % T.H.D.)

Surround:

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

80 W + 80 W (6 ohm, 1 kHz with 10 % T.H.D.)

Analog

Input sensitivity/Input impedance: 130 mV/47 k ohm

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 ohm

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

Tuner Section [FM]

(Note: μV at 75 Ω , 0 dBf = 1×10^{-15} W)

Receiving Range:

FM: 87.5 MHz – 107.9 MHz

Usable Sensitivity: FM: 1.2 μV (12.8 dBf)

S/N: MONO 70 dB (IHF-A weighted, DIRECT mode)

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

Total harmonic Distortion (at 1 kHz): MONO 0.7 %

STEREO 1.0 %

General

Power supply: AC 120 V, 60 Hz

Power consumption:

220 W

0.2 W (Standby)

0.5 W (CEC standby)

Dimensions (W x H x D):

17 21/64" x 4 9/64" x 14 29/64"

440 x 105 x 367 mm

Weight: 18 lbs 5 oz, 8.3 kg

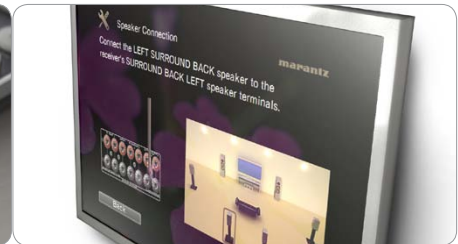
Technology



Front Panel HDMI Input



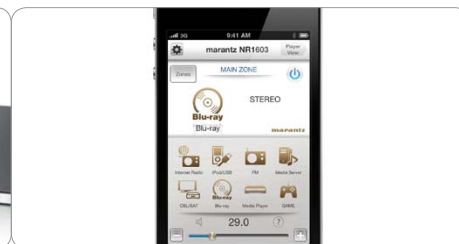
New easy-to-use remote



GUI overlay



AirPlay



New App



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1-855-ONE-MARANTZ 1-855-663-6272
 Call for Assistance: 9:00AM to 8:00PM M-F E.S.T.
 For frequently asked questions please visit www.marantz.com

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