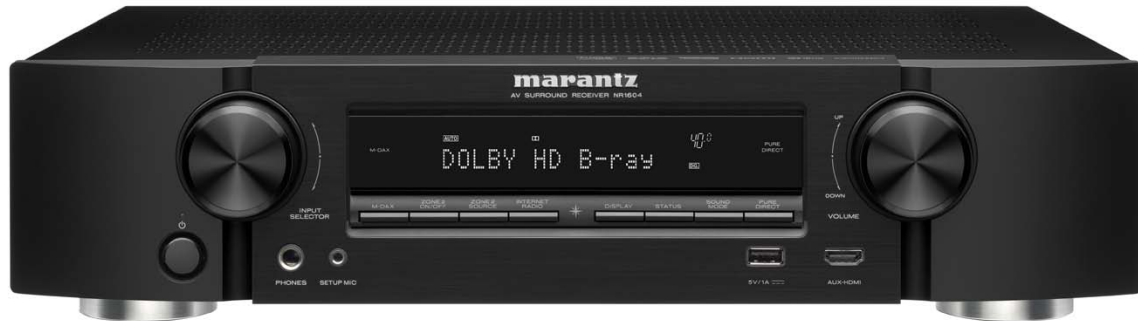


marantz®



NR1604

AV SURROUND RECEIVER



Slim-Line 7.1-channel Networking Home Theater Receiver with 1080p & 4K Ultra HD Upscaling, and AirPlay®

The Marantz NR1604 is a versatile 7-channel home theater receiver with network capabilities in a slim-line body that delivers spacious, realistic surround sound from a wide variety of sources. This receiver features support for next-generation TV displays capable of displaying 4K Ultra HD video. Along with 4K Ultra HD and 3D pass-through the NR1604 also features video upscaling technology to 4K Ultra HD. The network functions of the NR1604 let you enjoy the music library of your iPhone®, iPod touch® and iPad® using AirPlay®, and a wide variety of content such as music streaming from Pandora, Spotify, and SiriusXM. With the network functions you can also use your Android or iOS device to operate the NR1604 via the available Marantz Remote App. In addition, with the Multi Zone functionality you can even output music from the main room to a different room such as a kitchen or bedroom via an additional pair of speakers.

Marantz Audio Advantages

- 70 watts, 7 channel power (6 ohms, 1kHz, THD 0.7%)
- All-discrete, equal power, high current power amplifiers
- High current linear power supply
- El core high current power transformer
- Pure Direct function
- M-DAX (Marantz Dynamic Audio eXpander)
- High resolution 192kHz/24-bit Audio DACs

Audio/Video Quality

- Audyssey MultEQ, auto calibration w/microphone
- Audyssey Dynamic EQ
- Audyssey Dynamic Volume
- State-of-the-art 1080p & 4K Ultra HD (3840 x 2160) video upscaling functions
- Supports Dolby Pro Logic IIz with front height channels for a more spacious 7.1-channel surround sound experience
- Network functions supporting playback of music files in high-resolution formats (WAV 192 kHz/24 bit, FLAC 192 kHz/24 bit, ALAC 96 kHz/ 24 bit)
- Gapless audio playback

Connectivity

- Advanced network capabilities
 - AirPlay: stream music from your iPad, iPhone or iPod touch or from your iTunes® music library
 - Networking ready: stream internet radio, Pandora, SIRIUS XM, Spotify, as well as music and photos over the home network
 - Internet Radio
 - DLNA 1.5 certified
 - Photo streaming
 - flickr
- HDMI 7 in(front: 1) /1 out
- Supports HDMI (3D, ARC, Deep Color, "x.v.Color", Auto Lip Sync, 4K Ultra HD, and HDMI control function)
- Bluetooth wireless connectivity (M-XPoRT) via optional RX-101 adaptor
- Front panel USB input for direct digital playback for iPod, iPhone and USB drives
- Supports 2nd zone output, for enjoying different audio content at the same time in the main room and a separate room
- 2/1 component video in/out
- 3/1 composite in/out

- 1/1 optical/coaxial digital in
- Headphone out
- FM/AM tuner
- 3 audio inputs
- 2 audio preouts (Front L/R, Zone2) and 1 subwoofer preout
- IR flasher In
- Remote control in/out
- 1 DC trigger (+12 V, 150 mA)

Ease of Use

- Mobile App control (Marantz Remote App) with advanced media browsing. (iOS & Android)
- Easy Setup Assistant with Graphical User Interface (GUI)
- Transparent binding-type speaker terminals for quick, easy connection of speaker cables
- New, visually clear layout on rear panel that simplifies the connection of various cables
- Auto power off
- Standby source setting via HDMI control
- HDMI pass-through in standby mode

because music matters

Specifications

Audio Section

Power amplifier

Rated output:

Front:

50 W + 50 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.08 % T.H.D.)
70 W + 70 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)

Center:

50 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.08 % T.H.D.)
70 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)

Surround:

50 W + 50 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.08 % T.H.D.)
70 W + 70 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)

Surround back:

50 W + 50 W (8 Ω/ohms, 20 Hz – 20 kHz with 0.08 % T.H.D.)
70 W + 70 W (6 Ω/ohms, 1 kHz with 0.7 % T.H.D.)

Analog

Input sensitivity/Input impedance:

130 mV/47 kΩ/ohms

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/ohms

Frequency response:

5 Hz – 10 MHz — 0, –3 dB

Color component video connector

Input/output level and impedance:

Y signal — 1 Vp-p, 75 Ω/ohms

PB / CB signal — 0.7 Vp-p, 75 Ω/ohms

PR / CR signal — 0.7 Vp-p, 75 Ω/ohms

Frequency response:

5 Hz – 60 MHz — 0, –3 dB

Tuner Section [FM/AM]

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

Receiving Range:

FM: 87.5 MHz – 107.9 MHz, AM: 520 kHz-1710 kHz

Usable Sensitivity:

FM: 1.2 μV (12.8 dBf), AM: 18 μV

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 8 oz, 8.4 kg

Technology



PANDORA®



Convenient front panel HDMI input along with a USB port



New easy-to-use remote



Graphical User Interface allows easy setup and easy operation



AirPlay lets you stream audio content from your iPod, iPhone and iPad



New Marantz Remote App for iOS and Android devices



4K Ultra HD video upscaling functions



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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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