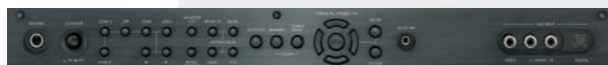


TX-NR1007 9.2-Channel A/V Surround Home Network Receiver

BLACK SILVER



Microphone for Audyssey



The less-used controls are neatly tucked away behind the drop-down panel.



A Networking Powerhouse That Brings High-End Performance to a Wider Audience Than Ever

As Onkyo's first ever 9.2-channel receiver, the TX-NR1007 combines network capability and advanced A/V processing with a myriad of surround-sound speaker possibilities. For instance, you can use Audyssey DSX™ or Dolby® Pro Logic® IIz to create an expanded, more immersive 9-channel soundstage for games and movies. Alternatively, you can supplement one of several different 7.2-channel set-ups in your main room with 2-channel sound in a second room. Along with the assurance of THX® Ultra2 Plus certification, the TX-NR1007 brings greater convergence to your home entertainment. Audio files from a networked PC or streaming internet radio can be fed to the receiver, and then processed and output with customary Onkyo power and fidelity. Audyssey MultiEQ™ XT ensures a well-balanced, room-matching speaker set-up, while ISF video calibration and 1080p upscaling via Faroudja DCDI Cinema™ work to get the most out of your video sources. Merely cherry-picking the specs, though, doesn't do justice to this mighty receiver—we suggest giving it an audition and letting your own eyes and ears be the judge.

Processing 1080p Video and High-Def Surround Sound via HDMI 1.3a*

Incorporating HDMI version 1.3a and advanced processing capabilities, the TX-NR1007 works as a powerful A/V control center: Up to six components can be connected via HDMI, including Blu-ray Disc players, gaming consoles, and set-top boxes. The system can then receive and switch high-definition video signals and send a pristine digital signal to two different output locations—for example, to two separate high-definition displays. On the audio front, lossless Dolby® TrueHD and DTS-HD Master Audio™ provide a bit-for-bit multichannel soundtrack identical to the studio master track.

*HDMI version 1.3a supports Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC.

PC Audio and Internet Radio via Network Function with DLNA 1.5 and Windows 7 Compatibility

As one of Onkyo's new breed of receivers that can link directly to the internet or to your home PC via a local network, the TX-NR1007 takes streaming audio and internet radio to a whole new level. MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, and LPCM audio files—whether on your PC or from the internet—can now be played back through your main system with unprecedented power and fidelity. The TX-NR1007 brings to life a wide array of internet radio sources through the vTuner application. As well as being compatible with earlier platforms, the receiver is compatible with Microsoft's new Windows 7 platform, which includes the DLNA 1.5-specified "Play To" media-streaming feature. Another benefit of having the TX-NR1007 connected to the internet is that you can then easily update its firmware.

Audyssey DSX™ and Dolby® Pro Logic® IIz Add New Dimensions to Surround Sound

The 9.2-channel TX-NR1007 handles two new surround-sound technologies from Audyssey and Dolby that offer exciting new ways to set up the speakers in your home theater system. Audyssey DSX lets you augment a standard 7.1-channel surround set-up with two "front wide" channels. Extra speakers, positioned 60° off center, expand the width of the soundstage and help to produce a more realistic and immersive listening experience. Alternatively, Audyssey DSX can be configured to deliver "front height" channels. These channels carry ambient, non-directional audio that adds a new vertical dimension to your movies and games. Dolby Pro Logic IIz provides a similar front-height speaker option that likewise works to create a more enveloping home theater experience. With Dolby Pro Logic IIz, overhead effects in games and movies are more convincingly located than ever before.

THX® Ultra2 Plus™ Certified with THX Loudness Plus™ Technology

The ultimate benchmark for home audio performance, THX Ultra2 Plus is specified for rooms where the screen-to-seat viewing distance is more than 4 meters and the room volume is 85 cubic meters or greater. To achieve THX Ultra2 Plus certification, the TX-NR1007 must meet the world's most demanding standards for home theater audio quality and performance, and must play at reference volume levels with minimal distortion. THX Loudness Plus is a volume control technology included in THX Ultra2 Plus that compensates for the tonal and spatial shifts that occur when the volume level is lowered. It automatically adjusts the levels of ambient sound and bass frequencies, so you can enjoy the true impact of movies, music, and games no matter what volume setting you use.



TX-NR1007 9.2-Channel A/V Surround Home Network Receiver

ISF (Image Science Foundation) Video Calibration for Accurate Video Reproduction

The TX-NR1007 is equipped with industry-leading ISF (Imaging Science Foundation) video calibration to dramatically improve your home theater by enabling you to adjust the brightness, hue, contrast, saturation, and gamma levels on all video inputs. Transforming your A/V receiver into a video hub, this function ensures that every video source is independently calibrated for your connected high-definition display. What's more, ISF video calibration has been shown to improve energy savings in displays and projectors by up to 50%.

HDMI™ Video Upscaling to 1080p with Faroudja DCDi Cinema™

When it comes to video processing, the Faroudja DCDi Cinema (Directional Correlational Deinterlacing) video processor offers several advantages. This processor can accept any video signal, regardless of the source resolution, and upscale it to 1080p to match the native resolution of your high-definition display. What's more, DCDi Cinema effectively removes video artifacts such as jagged edges during the video signal deinterlacing process. You get to enjoy smooth progressive scan video images, even for fast-moving sports and action scenes.

A Suite of Audyssey Technologies for the Ideal Listening Environment

The TX-NR1007 incorporates three Audyssey technologies to help create the most suitable listening environment for your home.

(1) Audyssey MultEQ™ XT

Automatically measures and corrects distortion caused by room acoustics and calibrates speakers for optimal audio balance throughout the listening area.

(2) Audyssey Dynamic Volume™

Lets you enjoy a consistent volume level for all content, while optimizing the dynamic range.

(3) Audyssey Dynamic EQ™

Maintains a consistent bass response, tonal balance, and surround-sound effect at different volume levels.

Universal Port for Single-Cable Connection of Optional Onkyo Dock for the iPod

A proprietary Universal Port located on the rear side of the TX-NR1007 lets you connect an optional UP-A1 Dock for the iPod. A key advantage of the Universal Port is that it accepts video and audio signals through the same cable that sends a power supply from the receiver to the device.

Three High-Quality Texas Instruments DSP (Digital Signal Processing) Chips

The TX-NR1007 employs three Texas Instruments DSP chips (one DA830 and two DA788s) to handle the advanced processing needs of Dolby® TrueHD, DTS-HD Master Audio™, Audyssey MultEQ™ XT, and post-processing. The DA830 is also specially designed to cope with the heavy demands of processing a network connection.

Bi-Directional Preprogrammed RI Remote Control with Onscreen Setup and Macro Presets for Four Activities

The TX-NR1007's remote controller offers the convenience of controlling a wide range of other devices connected to the receiver. You can select your connected devices from an onscreen list and pre-program your desired settings for each device; the receiver itself can then send these settings automatically to the remote controller. Furthermore, the TX-NR1007 lets you set up macro presets for up to four activity modes, which you can control via mode-key LEDs on the remote controller. A single button-press of "My Movie", for example, can simultaneously turn on the receiver, display, and DVD player to your pre-programmed settings and start playing a disc automatically.

ADVANCED FEATURES

- THX® Ultra2 Plus™ Certified with THX Loudness Plus™
- DTS-HD Master Audio™, DTS-HD High Resolution Audio™, Dolby® TrueHD, Dolby® Digital Plus Decoding

- HDMI™ Version 1.3a to Support Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- DSD Direct for Super Audio CD
- Audio and 1080p Video Processing via HDMI (6 Inputs and 2 Outputs [Main/Sub])
- HDMI Video Upscaling to 1080p with Faroudja DCDi Cinema™
- New Custom-Designed, Large-Size Transistors to Drive High Currents
- Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- Burr-Brown 192 kHz/24-Bit DACs (PCM1796 x 6) for All Channels
- Ultra-Low-Jitter PLL (Phase Locked Loop) Circuitry to Improve Audio Quality
- Three TI (Aureus™) 32-Bit DSP Chips (DA830 x 1, DA788 x 2) for Advanced Processing
- ISF (Imaging Science Foundation) Video Calibration
- Audyssey DSX™ and Dolby® Pro Logic® IIz for New Surround Channels
- Audyssey MultEQ™ XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic Volume™ to Maintain Optimal Listening Level and Dynamic Range
- Audyssey Dynamic EQ™ for Loudness Correction
- Network Capability for Streaming Audio Files (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet Radio Connectivity Through vTuner
- Certified with Windows 7 and DLNA Version 1.5
- Powered Zone 2 and Zone 3 for Playback of Separate Sources in Other Rooms
- Zone 2 Monitor Output (Composite)
- Universal Port for Single-Cable Connection of Optional Onkyo Dock for the iPod
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG (Role Playing Game)
- 2 Independent Subwoofer Pre Outs

AUDIO & VIDEO FEATURES

- 230 W/Ch at 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- WRAT (Wide Range Amplifier Circuitry)
- Linear Optimum Gain Volume Circuitry
- DTS Surround Sensation™ Speaker/Headphone Technology
- Neural-THX® Surround Decoder
- Music Optimizer™ for Compressed Digital Music Files
- Theater-Dimensional Virtual Surround Function
- RIHD (Remote Interactive over HDMI) for System Control
- Direct Mode and Pure Audio Mode
- Front-Side Auxiliary A/V Input (for Camcorders, Game Consoles, etc.)
- Component Video Upscaling (Up to 1080i)
- Component Video Switching (3 Inputs and 1 Output)
- Color-Coded, 9 Multichannel Pre Outs
- 6 Digital Inputs (3 Optical and 3 Coaxial)
- Bi-Amping Capability
- Independent Crossover Adjustment for F/C/S/SB/FH/FW (40/50/60/70/80/90/100/110/120/150/200 Hz)
- A/V Sync Control Function (Up to 250 ms in 5 ms Steps)
- 40 FM/AM Random Presets

OTHER FEATURES

- High-Rigidity Flat Chassis (1.6 mm Thick)
- 4 S-Video Inputs and 1 Output
- 5 A/V Inputs and 1 Output

- Monitor Outputs (Component, Composite, and S-Video)
- 2 Audio Inputs and 1 Output
- Phono Input
- Machined Solid Brass, 19 mm-Pitch Audio Inputs (CD and Phono)
- RS232 and IR (In/Out) Connectivity
- 12 V Trigger Out (Zone 2/Zone 3)
- Onscreen Display (OSD)
- Aluminum Front Panel and Volume Knob
- Firmware Updates via Ethernet
- Compatible with RI (Remote Interactive) Dock for the iPod
- Bi-Directional, Preprogrammed, and Customizable RI Remote Control with Onscreen Setup, Mode-Key LEDs, and Macro Presets for Four Activities

SPECIFICATIONS

AMPLIFIER SECTION

Power Output	
Front L/R	230 W/Ch (6 Ω, 1 kHz, 1 channel driven, JEITA)
Center	230 W (6 Ω, 1 kHz, 1 channel driven, JEITA)
Surround L/R	230 W/Ch (6 Ω, 1 kHz, 1 channel driven, JEITA)
Surround Back L/R	230 W/Ch (6 Ω, 1 kHz, 1 channel driven, JEITA)
Front Wide L/R or Front High L/R	230 W/Ch (6 Ω, 1 kHz, 1 channel driven, JEITA)
Dynamic Power	
	320 W (3 Ω, Front)
	270 W (4 Ω, Front)
	160 W (8 Ω, Front)

THD (Total Harmonic Distortion)	
	0.05% (Rated power)
Damping Factor	
	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	
	200 mV/47 kΩ (Line)
	2.5 mV/47 kΩ (Phono MM)

Output Level and Impedance	
	200 mV/470 Ω (Rec out)
Phono Overload	
	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	
	5 Hz–100 kHz/±1 dB, -3 dB
Tone Control	
	±10 dB, 50 Hz (Bass)
	±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	
	110 dB (Line, IHF-A)
Speaker Impedance	
	4 Ω–16 Ω or 6 Ω–16 Ω

VIDEO SECTION

Input Sensitivity/Output Level and Impedance	
Video	1.0 Vp-p/75 Ω (Component and S-Video Y)
	0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr)
	0.28 Vp-p/75 Ω (S-Video C)
	1.0 Vp-p/75 Ω (Composite)

Component Video Frequency Response	
	5 Hz–100 MHz, -3 dB

TUNER SECTION

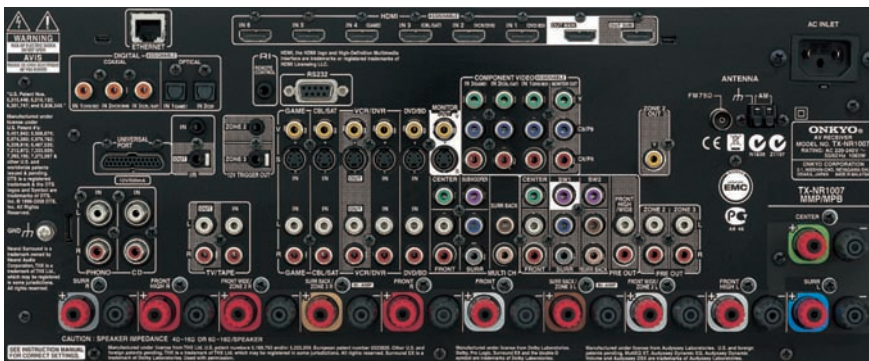
Tuning Frequency Range	
FM	87.5 MHz–108 MHz
AM	522 kHz–1.611 MHz
FM/AM Preset Memory	
	40 stations

GENERAL

Power Supply	AC 220–240 V~, 50/60 Hz
Power Consumption	1,060 W
Dimensions (W x H x D)	435 x 198.5 x 463.5 mm
Weight	23.5 kg

CARTON

Dimensions (W x H x D)	594 x 337 x 576 mm
Weight	28.8 kg



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