ONKYO

TX-NR3010 9.2-Channel Network A/V Receiver

BLACK SILVER

Microphone for Audyssey

THX ULTRA 2 PLUS — **HDMI** — **DOLBY** TRUE HD PRO LOGIC IIz — **DOLBY** VOLUME — **dts-HD** Master Audio — **dts** Neo:X — **AUDYSSEY** — **AUDYSSEY** MULTEQ XT32 DYNAMIC VOLUME — **HQV**

3D READY — **isf** ccc — **Qdeo** — **VLSC** — **WRAT** WIDE RANGE AMP TECHNOLOGY — InstaPrevue — **MHL** Mobile High-Definition Link — 192 kHz/24 bit — POWERED ZONE 3

4K UPSCALING — **NETWORK** — **dlna** CERTIFIED — Compatible with Windows7 — **last.fm** — **Spotify** — **AUPEO!** PERSONAL RADIO — **simfy** — **vTuner**

USB — **RIHD** — Theater-Dimensional — **RDS** — **RI** — **ECO** — Made for iPod iPhone

Thrill to the Power of Nine-Channel Entertainment

The ultimate hub for house-wide entertainment, the TX-NR3010 can drive audio in three rooms, output high-resolution video on two displays, and stream audio via DLNA—all controlled by your iPhone or Android-powered phone. With a total of 11 HDMI® ports (including MHL™ for smart phone) and 11.4-channel pre-outs, the home cinema setup possibilities are limited only by your imagination. The receiver boasts Audyssey MultEQ® XT32 room correction and three incredible sound expansion systems—DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz—while a combination of Qdeo™, HQV®, and ISF technology upscales and calibrates video sources to 4K resolution. As an audiophile-spec component, the TX-NR3010 features a massive main transformer, additional transformers for audio and video processing, and separated pre-amp and power amp blocks. Audio signals are jitter-cleaned and converted to analog by 192 kHz/24-bit DACs and VLSC™ circuits before passing through the Three-Stage Inverted Darlington Circuitry. The resulting sound quality is awe-inspiring—and with differential DAC mode and Digital Processing Crossover Network, bi-amping your front monitors results in even higher performance. Easily set up and controlled using the HDMI-enabled user interface, this THX® Ultra2 Plus™-certified receiver is waiting to reignite your passion for music and cinema.

ADVANCED FEATURES
- THX® Ultra2 Plus™ Certified
- Multi-Transformer for Audio, Video, and Digital Processing
- VLSC™ (Vector Linear Shaping Circuitry)
- High-Quality HQV® Vida™ VHD1900 Video Processor
- HDMI® Video Upscaling to 4K with Qdeo™ Technology by Marvell
- ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance
- DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels
- MHL™ (Mobile High-Definition Link) for Smart Phone Content on HDTV
- Input Source Preview with InstaPrevue™ Technology
- Audyssey MultEQ® XT32 for Room Acoustic Correction
- Internet Radio and Cloud Music Streaming Service Connectivity (Last.fm, Spotify, AUPEO!, Simfy, vTuner)*1
- Supports Onkyo Remote Apps for iPod touch/iPhone*2 and Android Phone*3
- Zone 2 HDMI Output for HD Video in a Second Room
- 11.4 Multichannel Pre-Outs
- Digital Processing Crossover Network to Cancel Crossover Interference
- Machined Solid Brass, 19 mm-Pitch Audio Inputs (TV/CD and Phono)

*1 Availability of services depends on region. Some services may require a firmware update. Availability of third-party services advertised here is accurate at the time of printing, but may be subject to change without notice. *2 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *3 Requires Android OS 2.1 or later.

AMPLIFIER FEATURES
- 200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC); 250 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
- Isolated Power-Amp and Pre-Amp Block
- WRAT (Wide Range Amplifier Technology)
- Three-Stage Inverted Darlington Circuitry
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology
- Bi-Amping Capability

PROCESSING FEATURES
- HDMI Support for 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- 7 x TI Burr-Brown 192 kHz/24-Bit DACs
- Differential DAC Mode to Double Processing Power for up to 5.1 Channels
- Advanced 32-Bit Processing DSP Chip
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Advanced Music Optimizer for Compressed Digital Music Files

CONNECTION FEATURES
- 9 HDMI Inputs (1 Front/8 Rear) and 2 Outputs
- 2 USB Ports (1 Front/1 Rear)
- Direct Digital Connection of iPod/iPhone via Front-Panel USB Port

- Compatible with Optional UWF-1 Wireless LAN Adapter and UBT-1 Bluetooth USB Adapter
- Playback of Audio Files Through Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD, LPCM)
- 2 Component Video Inputs and 1 Output
- 5 Composite Video Inputs and 1 Output
- 6 Digital Audio Inputs (3 Optical and 3 Coaxial)
- 7 Analog Audio Inputs and 1 Phono Input
- Powered Zone 2/3 and Zone 2/3 Line-Outs for Distributed Audio Playback in Multiple Rooms
- Zone 2 Video Output (Composite)
- Analog RGB Video Input (D-sub, 15 pin) for PC
- RS-232 Port, IR Input/Output, and 12 V Trigger Outs (Zone 2/3)

OTHER FEATURES
- Audyssey Dynamic EQ® and Audyssey Dynamic Volume®
- Dolby® Volume for Reference-Quality Listening at Any Volume
- Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu
- Hybrid Standby to Reduce Power Consumption
- Independent Crossover Adjustment for Each Channel (40/45/50/55/60/70/80/90/100/110/120/130/150/200 Hz)
- A/V Sync Control (Up to 800 ms at 48 kHz)
- Tone Control (Bass/Treble) for All Channels (except Zone 2/3)
- RDS (PS/RT/PTY/TP) (European Model only)
- Bi-Directional, Preprogrammed, and Customizable RI Remote Control with Macro Presets for Four Activities

TX-NR3010 9.2-Channel Network A/V Receiver

Incorporate Digital Libraries and Explore Online with Home Networking and Optional Bluetooth for Mobile Devices

Accessing your home network via LAN cable or optional UWF-1 wireless adapter, this receiver makes streaming online audio simple. Once connected, you can also play music stored on PC or NAS through your home cinema system, with MP3, AAC, Apple Lossless, FLAC, and WMA Lossless formats supported. The receiver offers instant access to internet radio channels from Last.fm and vTuner, plus cloud-based music streaming from AUPEO! and Simfy*. Or, if you prefer, simply plug in our optional UBT-1 Bluetooth adapter to stream high quality audio from your PC, smart phone, or tablet.

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THX® Ultra2 Plus® Certified

The ultimate benchmark for home audio performance, THX Ultra2 Plus is specified for rooms where the screen-to-seat viewing distance is more than four meters and the room volume is 85 cubic meters or greater. To achieve THX Ultra2 Plus certification, the TX-NR3010 must meet the world's most demanding standards for home cinema audio quality and performance, and must play at reference volume levels with minimal distortion.

InstaPrevue™ Technology Makes Switching Sources Easy

The TX-NR3010 incorporates InstaPrevue visual port management technology, making input source selection easier. InstaPrevue technology provides live video thumbnails showing the available content on devices connected via HDMI. You no longer have to remember that your gaming console is connected to Port 4, or your Blu-ray player to Port 1, for example—you can see what's playing and choose accordingly.

World's Best Video Processing

Three of the best video processing and enhancement systems are included to guarantee smooth and accurate images on your HDTV.

HQV® Vida™ VHD1900

The Vida VHD1900 upscales analog content to 1080p, and enhances native high-definition sources. The chip employs multi-cadence tracking, expanded 12-bit color processing, and four-field motion-adaptive de-interlacing. Auto HQV™ enhances the incoming image, while HQV StreamClean™ cleans up video from lower-quality online sources by eliminating mosquito and block noise.

Marvell Qdeo™ Technology

Qdeo technology upscales 1080p sources to 4K (4096 x 2160)—even content already upscaled from lower resolutions by the HQV Vida processor. Played back on a compatible 4K display, your high-definition content will look more cinematic than ever.

ISF Video Calibration

ISF (Imaging Science Foundation) video calibration dramatically improves picture quality. Each video input source is independently calibrated to achieve the best possible performance from your connected HDTV.

Onkyo Remote Apps for iPod touch/iPhone and Android Phone

The Onkyo remote control apps for iPod touch/iPhone*1 and Android phone*2 both provide intuitive ways to operate Onkyo network A/V receivers. Control input sources, adjust settings, and play audio stored in a smart phone wirelessly (Android phone) using the application's interactive graphical display. The two Remote Apps are available separately as free downloads.

*1 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *2 Requires Android OS 2.1 or later.

Three High-Performance Sound Expansion Systems

A nine-channel system provides the ultimate entertainment experience, with additional High and Wide channels convincing you with realistic directional and ambient effects. Audyssey DSX®, Dolby® Pro Logic® IIz, and DTS Neo:X™ expansion systems offer you freedom to choose your preferred speaker setup. Audyssey DSX can expand 5.1-channel sources to incorporate Wide and Height channels. The Dolby system adds Height channels and stereo source expansion, while DTS Neo:X offers Wides and Heights with cinema, music, or game listening modes.

House-wide Audio and Video Entertainment

Now there's a way to share your hi-def content on a second TV—say, a wall-mounted flatscreen in the kitchen or bedroom—without having to buy and connect another Blu-ray player or set-top box. Connect your additional display using the receiver's Zone 2 HDMI output to enjoy the same program, or two different HD sources, in both rooms. Naturally, this receiver also powers audio in two other zones by assigning Front Wide or Front High channel outputs. Playback of audio and video is easily controlled with the main system remote or Onkyo remote control app.

Innovative Design and Quality Construction

This receiver is built to deliver superb sound quality. Processing equipment and amplifier circuits are housed separately to limit electrical interference, while PLL (Phase Locked Loop) jitter cleaning preserves signal integrity by eliminating digital clock noise. The amplifier's Three-Stage Inverted Darlington Circuitry—an enhancement to the core WRAT (Wide Range Amplifier Technology) concept—and VLSC™ system ensures minimal distortion. Quality circuitry dovetails with a heavy-duty power supply and multiple transformers for instantaneous response to signal gains. The resulting sound is reliably pure, even under heavy loads.
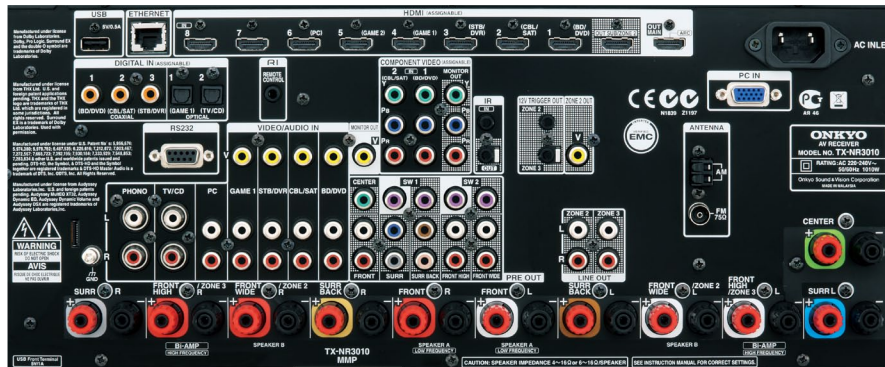
SPECIFICATIONS

Amplifier Section

Power Output	
Front L/R	200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	250 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Center	200 W (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	250 W (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Surround L/R	200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	250 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Surround Back L/R	200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	250 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Front High/Wide L/R, or Zone 2/3 L/R	200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
	250 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+N (Total Harmonic Distortion + Noise)	0.05% (20 Hz–20 kHz, 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)
Rated RCA Output Level and Impedance	1.0 V/470 Ω (Pre Out)
Maximum RCA Output Level and Impedance	5.5 V/470 Ω (Pre Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
Tone Control	±10 dB, 50 Hz (Bass)
	±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	110 dB (Line, IHF-A)
	80 dB (Phono MM, 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 Y)
	0.7 Vp–p/75 Ω (Component PB/CB, PR/CR)
	1.0 Vp–p/75 Ω (Composite)
Component Video Frequency Response	5 Hz–100 MHz/+0 dB, -3 dB

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–108 MHz
AM	522 kHz–1,611 kHz
	530 kHz–1,710 kHz
FM/AM Preset Memory	40 Stations

General

Power Supply	AC 220–240 V~, 50/60 Hz
Power Consumption	1,010 W
Standby Power Consumption	0.15 W
Dimensions (W x H x D)	435 x 198.5 x 463.5 mm
Weight	25.0 kg

CARTON

Dimensions (W x H x D)	610 x 337 x 594 mm
Weight	29.0 kg

Supplied Accessories

- Indoor FM Antenna • AM Loop Antenna • Speaker Cable Labels
- Speaker Set-Up Microphone • Instruction Manual
- Quick Start Guide • Remote Controller • AA (R6) Batteries* x 2

*Not included with Chinese model.

Text on receiver may vary with region.