Enter the Realm of Fully Immersive 9.2-Channel Entertainment

The TX-NR1009 transforms your living room into an immersive entertainment space. As the world's first receiver to feature DTS Neo:X™, it harnesses 9.2 channels of pristine audio to create expanded soundscapes with spine-tingling ambience. Build quality propels the TX-NR1009 to the very top of the mid-range class. Housed in a rigid, vibration-reducing cabinet are separate power/pre-ampl blocks, a massive transformer, and symmetrical L/R channels. This rock-solid base supports high-power amplification and a superb range of connections and processing features. Eight HDMI® inputs handle 3D video from Blu-ray, 4K video upscaled by Qdeo™ technology, and studio-quality lossless audio formats. An Ethernet port lets you incorporate internet radio and networked audio from a PC or media server. And USB ports let you play audio files stored on a flash drive or iPod/iPhone.*

All your video sources benefit from high-quality HQV® Vida™ technology and independent ISF calibration. Powerful Zone 2/3 and Zone 2/3 Pre-Outs for Distributed Audio Playback in Multiple Rooms.

Advanced 32-bit Processing DSP Chip

Eight HDMI® inputs handle 3D video from Blu-ray, 4K video upscaled by Qdeo™ technology, and studio-quality lossless audio formats. A network port lets you incorporate internet radio and networked audio from a PC or media server. And USB ports let you play audio files stored on a flash drive or iPod/iPhone.*

THX® Select2 Plus® Certified

For the dedicated home theater enthusiast, the TX-NR1009 includes advanced features such as bi-amping, 9.2 multi-channel pre-outs, and powered Zone 2 and Zone 3 audio.

ADVANCED FEATURES

- THX® Select2 Plus® Certified
- 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
- High-Quality HQV® Vida™ VHC-1000 Video Processor
- ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance
- HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell®
- DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels
- Direct Digital Connection of iPod/iPhone via Front-Panel USB Port
- Supports Onkyo remote App for Control of AV Receiver via iPod/iPhone
- Playback of Audio Files Through Local Network (MP3, WMA, WMV Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM)
- Internet Radio Connectivity Through Tuner
- Powered Zone 2 and Zone 2 Pre-Outs for Distributed Audio Playback in Multiple Rooms

AMPLIFIER FEATURES

- 230 W/Ch at 6.52, 1 kHz, 1%, 1 Channel Driven, JETA
- 180 W/Ch at 6.52, 1 kHz, 1%, 1 channel driven, IRC
- 160 W/Ch at 6.52, 1 kHz, 0.1%, 2 channels driven, FTC
- WRAT (Wide Range Amplifier Technology)
- Three-Stage Inverted Darlington Circuitry
- Linear Optimum Gain/Volume Circuitry
- PLL (Phase Locked Loop) Jitter Cleaning Circuit Technology

PROCESSING FEATURES

- Dolby® TrueHD and DTS-HD Master Audio® Decoding
- TI Burr-Brown 192 kHz/24-Bit DACs (PCM1790 & PCM1791)
- Advanced 32-Bit Processing DSP Chip
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Advanced Music Optimizer for Compressed Digital Music Files
- Handles Playback of Mass Storage Class USB Memory
- Theater-Dimensional Virtual Surround Function
- Direct Mode and Pure Audio Mode
- Double Bass Function
- Non-Scaling Configuration
- A-Form Listening Mode Memory

CONNECTION FEATURES

- 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs
- Universal Port for Onkyo Peripheral Devices Such as UP-A1 Dock for iPod/iPhone
- 2 USB Ports (1 Front/1 Rear)
- Compatible with UP-A1 Wireless LAN Adapter (via Front-Panel USB Port)
- 2 Component Video Inputs and 1 Output
- 5 Composite Video Inputs and 2 Outputs
- 4 S-Video Inputs and 2 Outputs
- Analog RGB Input (D-sub, 15 pin) for PC Video
- 6 Digital Audio Inputs (3 Optical and 3 Coaxial)
- 6 Analog Audio Inputs and 1 Output
- Phono Input
- Color-Coded, 7.1 Multi-Channel Outputs
- Color-Coded, 9.2 Multi-Channel Pre Outs
- Bi-Amping Capability
- RS232 Port, IR Input/Output, and 12V Trigger Out (Zone 2/3)

OTHER FEATURES

- Overlaid Graphical On-Screen Display (OSD) and GUI Navigation via HDMI
- Audyssey MultEQ® XT to Correct for Room Acoustics
- Audyssey Dynamic EQ® for Loudness Correction
- Audyssey Dynamic Volume® to Maintain Optimal Listening Level and Dynamic Range
- Dolby® Volume for Reference-Quality Listening at Any Volume
- Independent Crossover Adjustment for Each Channel (40/60/80/100/120/150/200 Hz)
- A/V Sync Control (Up to 800 ms in 5 ms Steps)
- Tone Control (Bass/Treble) for Front and Zone 2 L/R Channels
- Illuminated Volume Knob (White)
- 40 PMAM Random Presets
- Firmware Updates via Ethernet and USB
- Certified with Windows® 7 and DLNA Version 1.5
- RHOD (Remote Interactive over HDMI) for System Control
- Bi-Directional, Preprogrammed, and Customizable RI Remote Control with On-Screen Setup, Mode-Key LEDS, and Macro Presets for Four Activities

* Default Volume knob LED is always off when display is dimmed.
THX® Select2 Plus™ Certified

THX Select2 Plus® certification is specific for rooms where the screen-to-seat viewing distance is 3 to 4 meters and the room volume is around 56 cubic meters. To achieve THX Select2 Plus® certification, the TX-NR1009 had to meet the world’s most demanding standards for home theater audio quality and performance, and play at reference volume levels with minimal distortion.

4K Video Upscaling and Processing via Qdeo™ Technology

The TX-NR1009 offers full 4K (3840 x 2160) upsampling of 4K video sources such as 4K Blu-ray, 2K/4K video playback, high-definition video upscaling. Interlaced-to-progressive conversion and scaling are performed by high-quality Qdeo technology from Marvell. Qdeo is a versatile video processor that uses algorithms designed to erase video noise and artifacts such as jaggies and feathering. Played back on a compatible wide-screen display your Blu-ray Discs and DVDs will look more detailed and cinematic than ever.

DTS NeoX™ Adds Extra Dimensions to Surround Sound

The TX-NR1009 is the first receiver in the world to feature DTS NeoX®, a new technology that offers a multitude of ways to set up the speakers in a 9.1-channel home theater system. Its basic 5.1-channel set-up can be complemented by one of three different arrangements: (1) You can add surround back and front-height speakers to bring out ambient, non-directional sounds; (2) You can add surround back and front-wide speakers to provide a more expansive soundstage; or (3) You can add front-height and front-width speakers to create an immersive space without needing to set up all the speakers in a 9.1-channel home theater system. A basic 5.1-channel set-up can be complemented by one of three different arrangements: (1) You can add surround back and front-height speakers to bring out ambient, non-directional sounds; (2) You can add surround back and front-wide speakers to provide a more expansive soundstage; or (3) You can add front-height and front-width speakers to create an immersive space without needing to set up all the speakers in a 9.1-channel home theater system.

THX® Select2 Plus™ Certified

THX Select 2 Plus is a certification for home theater systems. The TX-NR1009 has been certified as a THX Select 2 Plus system. This certification ensures that the TX-NR1009 will provide the best possible home theater experience. The TX-NR1009 also delivers network capability, internet connectivity, and support for streaming audio and video content.

Network Capability Delivers Internet Radio and Network Audio Streaming via Ethernet

Linking directly to the internet or to a media server or home PC via a local network, the TX-NR1009 takes streaming audio and internet radio to a whole new level. MP3, WMA, WMV, Lossless, FLAC, WAV, VQF, Vorbis, AAC, and LPCM audio files can now be played back through your main system. The Audio Return Channel allows audio content to be sent directly to the TX-NR1009’s internet connectivity has the added benefit of making audio signals cleaner and more faithful to the original.

High-Quality Video Processing with HQV® Vida™ VHD1900

The sophisticated HQV® Vida VHD1900 processor is designed to enhance the quality of both standard-definition and high-definition video sources. The chip employs multi-cadence tracking, expanded 12-bit color processing, and a system that enhances the quality of both standard-definition and high-definition video sources. The chip employs multi-cadence tracking, expanded 12-bit color processing, and a system that enhances the quality of both standard-definition and high-definition video sources.

Direct Digital Connection of iPod/iPhone via Front-Panel USB Port

The TX-NR1009’s front-panel USB port lets you access MP3, WMA, FLAC, WAV, VQF, Vorbis, AAC, and LPCM audio files stored on a USB flash drive or iPod/iPhone. As the audio signals are transported in digital form, rather than analog, there is much less chance of signal degradation. End-result: your music sounds more faithful to the original.

A further benefit of the USB input is that it lets you use the system’s remote controller to play back audio files on the connected device.