Affordable Home Theater Centerpiece with Audio Network Capability

New at the entry level, the networking ability of the TX-NR509 takes you one step closer to fully integrated home entertainment. Audio files on your computer and streaming internet radio can both now be played through your main system, with fidelity far beyond what you’re used to on a PC. When it comes to setting up the TX-NR509, Audyssey 2EQ® works to adapt the soundstage to the unique dimensions of your room. On-the-fly adjustments to audio and video settings are simple, thanks to the user-friendly overlaid on-screen display. Additional system control is provided by Onkyo’s Remote App, which lets you use your iPod/iPhone as a remote controller. The receiver’s four advanced HDMI® inputs handle stunning high-definition audio from Dolby and DTS, as well as dynamic new 3D video. Further connectivity highlights include a new front-panel USB port that offers a clean digital link for both iPod/iPhone and USB storage devices, and Zone 2 line-outs that let you send a stereo audio signal to a second room equipped with an amp and speakers. All in all, the TX-NR509 offers a superb feature set for the value-conscious home theater fan.
Convenient Overlaid On-Screen Display via HDMI
Changing your A/V receiver's settings is now more seamless than ever thanks to the TX-NR509's overlaid On-Screen Display (OSD) feature. On-screen set-up menus appear overlaid on the video image you're watching. This means you can adjust the settings immediately without having to switch back and forth from a blank screen background.

Universal Port for Single-Cable Connection of Optional Onkyo Dock for iPod/iPhone® or HDD Radio Tuner
A proprietary Universal Port located on the rear side of the TX-NR509 lets you connect an optional UP-A1 Dock for iPod/iPhone or UP-HT1 HDD Radio Tuner. A key advantage of the Universal Port is that it accepts video and audio signals through the same cable that sends a power supply to the receiver to the devices. No result: more connectivity, less cable clutter.

Advanced Music Optimizer to Enhance Compressed Digital Music Files
While MP3 or AAC files may sound fine through the headphones of your portable digital player, the limitations of these files can be exposed when played back through a quality home entertainment system. This is because a significant amount of high-frequency bit information is lost during the file-compression process. To counter this, Onkyo has designed the Advanced Music Optimizer to compensate for lost high-frequency bit information and improve the quality of compressed audio signals. This results in a cleaner and more expansive sound. Also included in this technology is a loudness correction feature that further enhances the audio characteristics of compressed music files.

Playback of Different Audio Sources in Two Different Zones
Zone 2 line-outs on the TX-NR509 allow you to enjoy surround-sound entertainment in the main room, while playing back a different stereo source in a second zone equipped with an amplifier and a pair of speakers.

A Suite of Audyssey Technologies for the Ideal Listening Environment
The TX-NR509 comes equipped with three sound-enhancing Audyssey technologies:

1. Audyssey ZEQ® tailors multi-channel audio for your home theater speaker set-up by measuring three room positions and applying a resolution filter to the satellite speakers to correct for the theater speaker set-up by measuring three room positions and applying a resolution filter to the satellite speakers to correct for any acoustical anomalies.

2. Audyssey Dynamic EQ® maintains a consistent bass response, tone balance, and surround-sound effect at different volume levels, so you can enjoy the natural dynamics of your content regardless of the volume.

3. Audyssey Dynamic Volume® automatically compensates for volume fluctuations in different audio content—for example, during commercial breaks—while optimizing the dynamic range.