BORN TO PERFORM
In our latest line-up of precision-crafted home entertainment products, there’s something for everyone. Compact and stylish mini systems for the space-conscious music fan. Pure hi-fi stereo components for the dedicated audiophile. And our signature A/V receiver series that sets benchmarks for performance and functionality at every level of the home theater market. As well as upholding the Onkyo tradition for quality, the new line-up adds a bevy of advancements that help you get the most out of your movies, music, and games. All Onkyo network A/V receivers support our new Remote Apps, which give you control of your Onkyo system via an iPod touch, iPhone, or Android phone. To further integrate your audio life, we’ve also created the iOnly series of compact audio systems for iPod/iPhone/iPad. So browse away, and prepare to luxuriate in the sights and sounds of Onkyo.
The Leading Edge in Power and High-Def A/V Processing

Onkyo’s latest A/V receiver line-up expands the possibilities of high-definition media. As always with Onkyo, you’re guaranteed a compelling mix of amplification power, precise processing, and intelligent features.

HDMI® Support for 3D Video and Audio Return Channel

All new Onkyo A/V receivers sport HDMI inputs that accept high-def sources such as Blu-ray players, gaming consoles, and cable/satellite tuners. Naturally, our receivers can also output a pristine HDMI signal to your compatible display. HDMI opens up the added dimensionality of 3D video, as well as an Audio Return Channel that lets you send audio content “upstream” from your HDTV to the receiver.

PC Audio and Internet Radio via Network Function

Onkyo’s A/V network receivers link directly to the internet or to your PC or media server via a local network. This brings a huge array of file types and internet radio channels from vTuner™ and Aupeo! into the high-fidelity domain of your living room™.

Meeting THX Benchmarks for Superior Performance and Reliability

To achieve prestigious THX® Ultra2 Plus™ or THX® Select2 Plus™ certification, Onkyo’s mid-range and high-end A/V receivers are rigorously tested for sound quality, usability, and interoperability.

High-Quality Video Processing with HQV® Vida™ VHD1900

The sophisticated HQV Vida VHD1900 processor enhances the quality of both standard-definition and high-definition video sources. The chip employs multi-cadence tracking, expanded 12-bit color processing, and four-field motion-adaptive de-interlacing to optimize video quality and detail. Two new HQV technologies are incorporated into the VHD1900: Auto HQV™, which automatically enhances the incoming image; and HQV StreamClean™, which cleans up compressed video in real time by eliminating mosquito and block noise from lower-quality sources such as online video sites.

4K Video Upscaling and Processing via Qdeo™ Technology

The TX-NR609 and higher receivers offer full 4K (3840 x 2160) upscaling of standard video sources such as 480p/p, 720p, and 1080i/p. Interlaced-to-progressive conversion and scaling are performed by high-quality Qdeo technology from Marvell. Qdeo is a versatile video processor that uses a set of 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 Neo:X™ Adds Extra Dimensions to Surround Sound

The TX-NR1009 and higher models are the first receivers in the world to feature DTS Neo:X, a new technology that offers a multitude of ways to set up 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-wide speakers to create an immersive space without needing to install rear speakers.

An Expansive Soundstage with Audyssey DSX™

Audyssey DSX lets you augment a standard 7.1-channel surround set-up with two “front wide” channels. Two extra speakers 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 non-directional audio that adds a new vertical dimension to your movies and games.

Dolby® Pro Logic® Iiz for a More Enveloping Sound Field

Pro Logic Iiz creates a surround-sound experience from any movie or music source—even a stereo one. Pro Logic Iiz also enables you to incorporate two “front height” speakers that carry ambient audio effects for games and movies.

ISF Video Calibration for Accurate Video Reproduction

The TX-NR809 and higher models are equipped with industry-leading ISF (Imaging Science Foundation) video calibration to dramatically improve your home theater. For each independent video input source, you can make adjustments to the brightness, hue, contrast, saturation, and gamma levels.

Four Game Modes for More Thrilling Action

Onkyo’s four gaming audio modes create an in-game experience with more realism and impact. You can select from Rock, Sports, Action, or RPG (Role Playing Game) modes to match your gaming content.

Dedicated to High-Quality Construction

The TX-NR809 and higher models feature an isolated power amplifier block and pre-amplifier, and a copper bus plate for perfect grounding. The TX-NR809 and TX-NR809 to TX-NR1009 require firmware update for firmware/index.html

Harnessing Power for Audio Performance

Onkyo knows the value of clean power. The high-end TX-NR5009 and PR-SC5509 both employ a massive, highly efficient toroidal transformer, with the former featuring capacitors that operate at up to 22,000 microfarads. Furthermore, the TX-NR5009, PR-SC5509, and TX-NR809 and TX-NR809 feature separate transformers for audio and video processing.

Tailor Multichannel Audio to Your Home with Audyssey and Dolby Technologies

Onkyo A/V receivers use Audyssey’s MultiEQXT32, MultEQ® XT, or 2EQ® to counter distortion in dedicated home theaters and deliver a natural, well-balanced sound. Audyssey’s Dynamic EQ® and Dynamic Volume®, meanwhile, work to optimize frequency response and dynamic range at all volume levels. Dolby® Volume performs a similar role, ensuring soundtrack dynamics are consistent at different volume levels.

VLSC™ (Vector Linear Shaping Circuitry)

Onkyo’s VLSC employs a unique digital-to-analog conversion circuit to mitigate the effects of signal noise. Data is converted between discrete sampling points, which are then joined with analog vectors in real-time to produce a smooth output wave form. The result—a noiseless, smooth analog signal based on the digital source.
Seamless and Intuitive Control of Your Home Entertainment

Three-Stage Inverted Darlington Circuitry
This core Onkyo technology brings greater efficiency to the TX-NR609 and higher models. It incorporates a low-NFB design to remove distortion and enhance the natural character of audio signals. Sensitive to oscillations, this circuitry requires advanced control technology in order to be incorporated into the amplifier.

WRAT (Wide Range Amplifier Technology)
Onkyo’s proprietary WRAT comprises three key elements: (1) A low-negative-feedback design for cleaner audio across the frequency range; (2) Closed ground-loop circuits to cancel individual circuit noise and keep the ground potential free of distortion; and (3) A high instantaneous-current capability to handle speaker-reflex energy and impedance fluctuations.

High-Performance Burr-Brown DACs for All Channels
The high-end TX-NR5009 and PR-SC5509 employ 192 kHz/32-bit Burr-Brown DACs to achieve the best possible dynamic performance and improved tolerance to clock jitter. The other models in our latest A/V receiver line-up use high-performance 24-bit Burr-Brown DACs.

Playback of Different A/V Sources Throughout the Home
Zone 2/3 and Powered Zone 2/3 bring multi-room audio entertainment to your home through dedicated line outs, pre outs, and speaker connections. And with the TX-NR5009, TX-NR3009, and PR-SC5509, you have the added advantage of video in a second room.

Convenient Overlaid Graphical On-Screen Display via HDMI
Changing the settings on an Onkyo A/V receiver is now more seamless than ever. Graphical set-up menus appear overlaid on the video image you’re watching, so you can adjust the settings immediately, without having to switch back and forth from a blank screen background.

Universal Port for Simple Connection of Onkyo Peripherals
A proprietary Universal Port located on the rear side of almost all new Onkyo A/V receivers lets you connect the optional UP-A1 Dock for iPod/iPhone. Net result: more connectivity, less cable clutter.

Wireless LAN Ready with USB Adapter
The optional UWF-1 Wireless LAN Adapter helps you integrate your music life and remove unwanted cables. Connected to the USB port of a compatible receiver, the UWF-1 brings audio from a wireless router into your main entertainment system.

Onkyo Remote Apps for iPod touch/iPhone and Android
The Onkyo Remote App for iPod touch/iPhone*1 and the Onkyo Remote App for Android*2 both provide an intuitive way to operate Onkyo network A/V receivers. At your fingertips, you have the ability to control input sources, adjust settings, and enjoy your content more seamlessly than ever. The two Remote Apps are available separately as free downloads, and are compatible with all network-capable Onkyo A/V receivers released in 2011, as well as selected earlier models.

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

The Onkyo Remote App for iPod touch/iPhone makes it easy to browse menus, select inputs, and adjust the tone settings. The app even takes advantage of your iPod touch/iPhone’s built-in accelerometer to make volume adjustments more intuitive than ever.

While including most of the same handy functions as our app for iPod touch/iPhone, Onkyo’s Remote App for Android adds several advantages. It not only streams music wirelessly from your Android phone, it also lets you control multiple listening zones in the home.