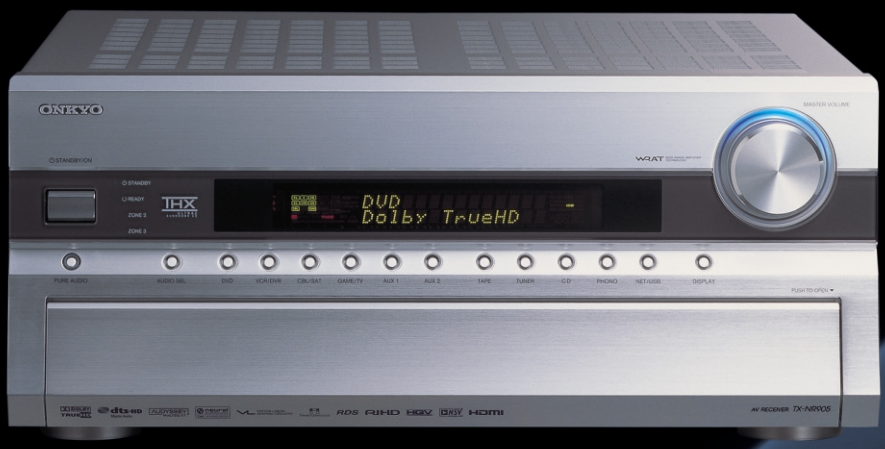
ONKYO
IMAGINATIVE SIGHT & SOUND

Future Directions in Home Entertainment



Audio/Video Products 2007-2008

Raising the Bar for High-Definition Entertainment

At Onkyo, we're on a mission to show the A/V industry what high-definition home entertainment is really all about. To get the most out of your movies, music, gaming and broadcasting, we blend the best new technologies with renowned Onkyo build quality and audio expertise. The result is an emotive performance from A/V products that remain intuitive and easy to use.

Leading our new A/V receiver range is the impressive home-network entertainment center, the TX-NR905. Backing it up, with the most advanced A/V processing available, are the high-spec TX-SR875 and TX-SR805. In the popular mid-range category, the TX-SR705 and TX-SR605 are two highly capable receivers to anchor your high-definition movies and music. And rounding out a stellar A/V receiver line-up is our affordable entry-level model, the TX-SR575.

You are also invited to view the full suite of Onkyo components, such as our quality-focused playback components (pp. 13-14); our range of home theatre speakers (pp. 19-21); and our versatile home theatre systems (pp. 21-22). As well, you can peruse our complete range of audiophile hi-fi components (pp. 16-18), and our superb collection of mini and home style components (pp. 23-26).

CONTENTS

Invigorating the 2007 A/V Receiver Line-Up—Core Technologies That Make All the Difference

High-Definition Multimedia Interface (HDMI) for Pure Digital Delivery

All the Onkyo A/V receivers released in 2007 incorporate HDMI, enabling a pure, all-digital 1080p video signal to be sent through one connection. Those with the latest version of HDMI (version 1.3a) become powerful control centers for high-definition media. Even multichannel audio—including the studio master quality of the latest Dolby® Digital and DTS® formats—can be digitally received and processed for up to five channels. HDMI 1.3a will also bring you greater bandwidth, Deep Color™, lip-sync correction and high frame rates.

HQV Reon-VX Chip for High-Performance Video Processing

Representing the most sophisticated video processing to be seen in home theatre components, the HQV Reon-VX chip provides the ultimate support for standard definition and high-definition deinterlacing; 1080p reconstruction of film sources; filtering of jaggies and artifacts; and the reduction of random, "mosquito" and block (codec) noise. HQV Reon-VX also enables color region enhancement and the rendering of more than one billion colors.

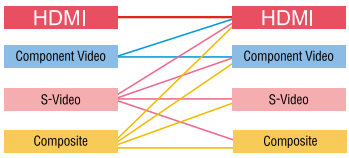
Standard chips process pixels in blocks, creating unwanted artifacts.

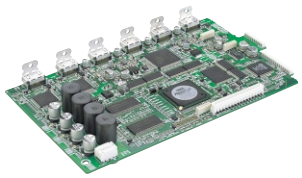
HQV chips process pixels individually, for enhanced pixel accuracy.

Images scaled by Reon-VX contain 80% new pixels to augment the original video data.

1080p Video Upscaling and Analog Signal Upconversion

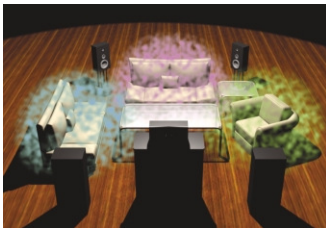
The TX-NR905 and TX-SR875 upscale the resolution of video signals all the way to 1080p, to enable a single HDMI cable connection to a high-definition display. Almost all Onkyo A/V receivers will upconvert video signals for output via either HDMI or component video.



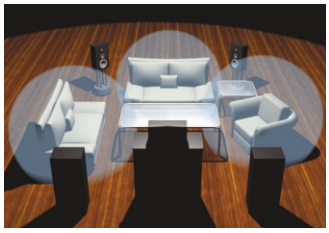


Audyssey Technologies for Room Acoustics Correction

Onkyo A/V receivers use Audyssey's MultEQ® XT or 2EQ™ to counter distortion in dedicated home theatres. Both solutions focus on frequency response and time domain (where most of the problems lie) across the entire listening area. The results are immediately obvious—a clear, well-balanced and natural sound.



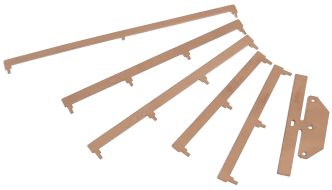
Sound stage is diffuse without Audyssey technologies.



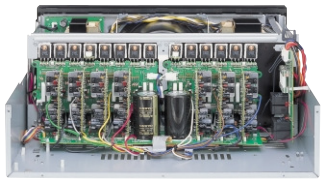
Audyssey technologies create a clearer sound stage.

Fresh Approach to Internal Construction and Amplification Design

The TX-NR905, TX-SR875 and TX-SR805 have been designed so the power amplifier block and the pre-amplifier coexist, but are perfectly isolated. Also, the power supply parts of the left and right stages of each channel are separated. The same receivers use a dual push-pull amplification design with different transistors on each channel to separately amplify the positive and negative halves of the waveform. The whole design works to realize a highly efficient drive capability.



Dual "Push-Pull" Amplification Design with Three-Stage Inverted Darlington Circuitry



Dual push-pull amplification circuitry uses different transistors on each channel to separately amplify the positive and negative halves of the waveform. This circuitry has been shown to improve the efficiency of the relevant A/V receivers. Meanwhile, three-stage inverted Darlington circuitry helps reduce distortion.

Harnessing Power for Audio Performance

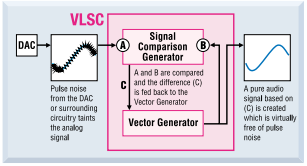
Onkyo's High Current Power Supply (H.C.P.S.) concept is based around power transformers with the capability to respond to the wide dynamics of home theatre. In the case of the TX-NR905, a massive toroidal transformer provides efficiency and radiates less noise into the surrounding circuitry, while two separate transformers cater specifically to audio and video processing. You'll also find two quality capacitors (operating at up to 18,000 microfarads) that store the charge demanded from an effective power supply.

H.C.P.S.
HIGH CURRENT POWER SUPPLY
ONKYO

Vector Linear Shaping Circuitry (VLSC™)

VECTOR LINEAR SHAPING CIRCUITRY

Onkyo's VLSC employs a unique digital-to-analog conversion circuit to mitigate the effect 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.



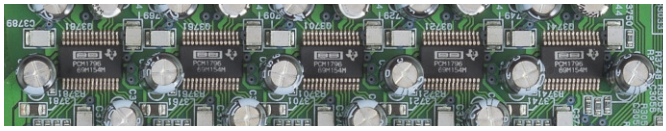
Wide Range Amplifier Technology (WRAT) Providing Amplification Backbone

WRAT
WIDE RANGE AMP TECHNOLOGY

The cornerstone of any Onkyo A/V receiver, WRAT supports high-quality audio reproduction of the latest high-definition A/V formats. It comprises three key components: (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.

Highly Precise Onboard Digital-to-Analog Converters

Our high-end receivers use Burr-Brown 192 kHz/24-bit audio DACs (PCM1796) to achieve excellent dynamic performance and improve tolerance to clock jitter. The TX-SR705, one of our mid-range models, draws on the efficiency of Cirrus Logic DACs (CS4398) to handle the complexity of multichannel sound.



Texas Instruments Digital Signal Processing (DSP) Chips

An Onkyo A/V receiver incorporates up to three Aureus™ DSP chips in the audio processing chain. They support the latest and most innovative audio signal processing features and help create a richer listening experience.

Faroudja DCDi Edge™ (Directional Correlational Deinterlacing) Technology

Deinterlacing chips featuring Faroudja DCDi Edge technology convert interlaced video signals to progressive scan signals. This technology helps effectively eliminate video artifacts from HDTV images.

FAROUDJA DCDi EDGE

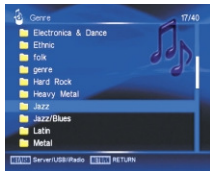
Jaggies visible on diagonals.

DCDi eliminates jaggies.

Network for Streaming Audio Files and Internet Radio

The TX-NR905's network gives you access to digital music files (AAC, WMA, MP3, WAV) via an Ethernet network between the TX-NR905 and your computer or through a front-panel USB port. At the heart of the network is Windows Media Connect or Windows Media Player (the TX-NR905 is Microsoft PlaysForSure certified). For internet radio, you can access stations that use MP3 or WMA streaming. The TX-NR905 network also enables installation configuration and set-up of Crestron and AMX controllers with your home theatre system or network.

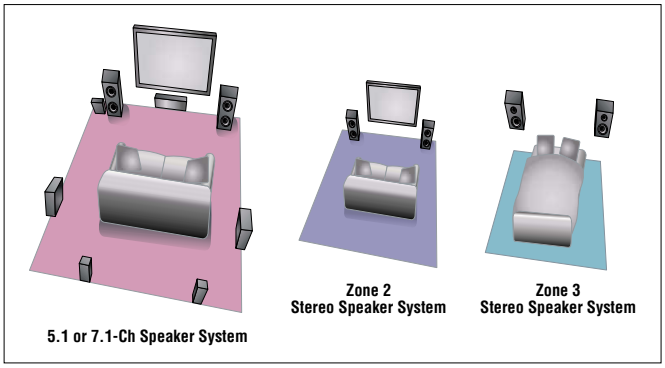
playsforsure Windows Media Audio



Playback of Different A/V Sources Throughout the Home

Powered Zone 2 and Zone 3 bring multi-zone entertainment to your home through dedicated line outs, pre outs and speaker connections. Independent control of volume levels, speaker balance and bass/treble levels for the separate zones is available on selected models.

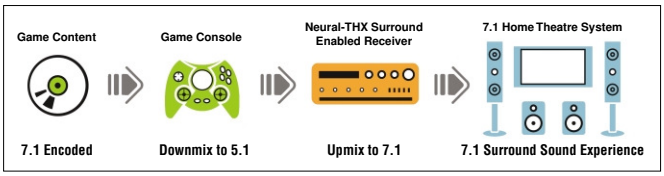
POWERED ZONE 2 ZONE 3



Neural-THX® Surround Decoding Technology

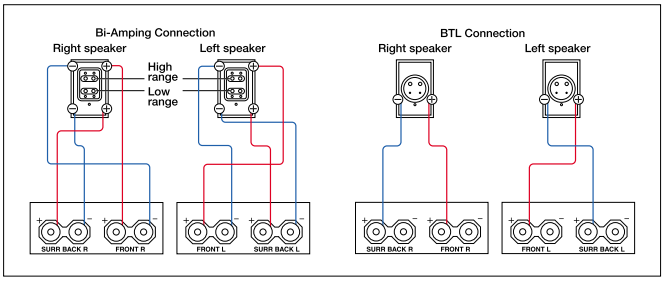
Neural-THX Surround enables content to be encoded into 5.1 or 7.1 channels and transmitted to an Onkyo A/V receiver, where it is decoded onboard. This technology reduces the bandwidth needed by broadcasters to deliver sound content and enables 7.1-channel support for gaming and movies.

neural SURROUND THX TECHNOLOGIES



Bi-Amping and BTL (Bridged Transless) Connectivity

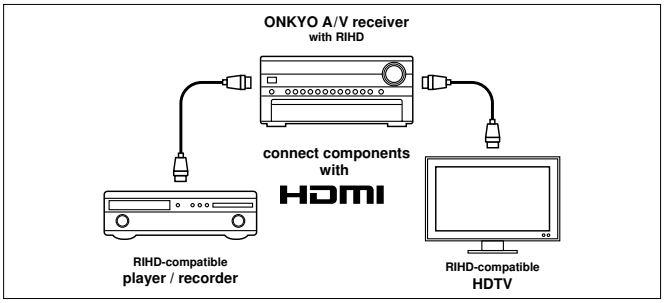
Like top-quality amplifiers in the high-end audio world, selected Onkyo A/V receivers have bi-amping and BTL capabilities. Whether it's home theatre or music, you have the luxury of a number of different home theatre set-ups beyond the standard surround sound configurations.



RIHD (Remote Interactive Over HDMI) for System Control

Onkyo receivers with HDMI 1.3a offer integrated system control with selected HDMI-compatible high-definition displays, DVD recorders, HD DVD and Blu-ray Disc players. RIHD lets you seamlessly integrate with other leading brand-name devices, including those in the Panasonic VIERA Link and Toshiba CE-Link™ ranges.

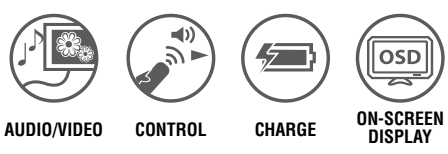
RIHD

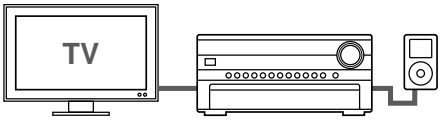


RI (Remote Interactive) System Capability and the iPod

With Onkyo's RI system, you can integrate and operate all components through a single remote control. RI also enables you to integrate virtually any iPod model with one of Onkyo's RI Docks for the iPod.

RI





iPod integrated for easy system control.

White model is also available.

Made for iPod

TX-NR905 THX™ Ultra2™ Certified 7.1-Channel A/V Home Network Receiver

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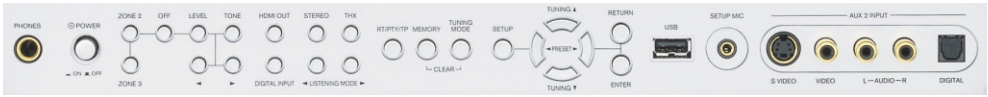
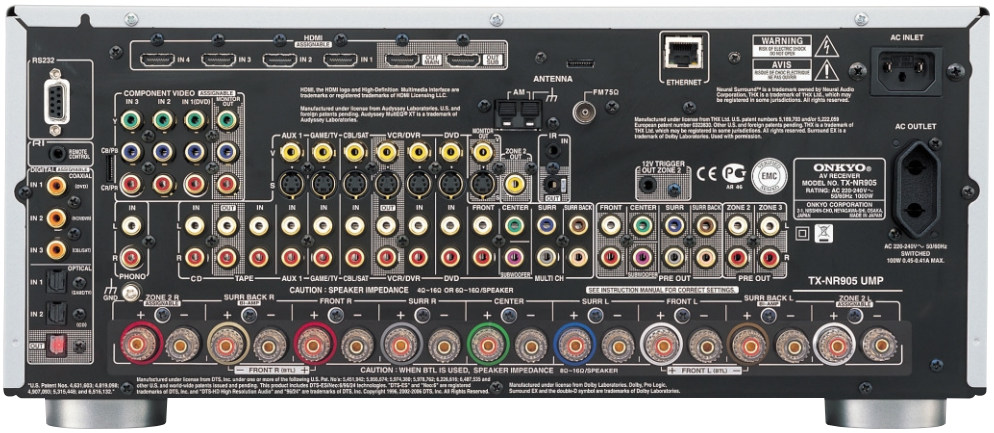


The lesser-used controls are neatly tucked away behind the drop-down panel.



Meet the standout leader of Onkyo's new range of home theatre heroes. Embracing all of the technologies synonymous with the 2007 line-up—including HDMI 1.3a, Dolby® TrueHD, DTS-HD® Master Audio, THX Ultra2 and Audyssey MultEQ® XT—the TX-NR905 7.1-channel home network receiver has a number of advantages that propel it into the home theatre super league. Look to the TX-NR905's network (interfacing with Windows Media Player and Windows Media Connect) to open up a huge reservoir of internet and computer-based audio resources. And enjoy the edge in high-definition 1080p video processing from the world's first receiver to incorporate HQV Reon-VX. In line with Onkyo's impeccable track record, under the hood of the TX-NR905 you'll find an innovative power supply, remarkable amplification design, and high-performance parts from the likes of Texas Instruments. "Complete" is a tag not given lightly, but the TX-NR905 earns it in style.

- 280 W/Ch, Continuous 6 Ω 1 kHz, 1 Channel Driven, JEITA
- 220 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 140 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, FTC
- THX™ Ultra2™ Certified (with THX Processing)
- Network Capability for Streaming Internet Radio and Playing Audio Content (via Ethernet and USB Port) (Microsoft PlaysForSure Certified)
- DTS-HD® Master Audio, DTS-HD® High-Resolution Audio, Dolby® TrueHD, Dolby® Digital Plus Decoding
- Massive Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- VLSC (Vector Linear Shaping Circuitry) for All Channels
- Burr Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- HDMI 1.3a Audio and Video Processing (4 Inputs and 2 Outputs)
- HQV Reon-VX Video Processing with 1080p Upscaling of All Video Sources via HDMI
- HDMI and Component Video Upconversion
- HDTV-Capable HDMI Switching
- HDTV-Capable (100 MHz) Component Video Switching (3 Inputs and 1 Output)
- Dual Push-Pull Amplifier Design with 3-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ® XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Neural-THX® Surround Technology for Gaming, Movies and Broadcasting
- Powered Zone 2 (Audio and Video); Zone 2 and Zone 3 Pre Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- RS232, IR and 12V Trigger Connectivity
- Onkyo RIHD (Remote Interactive Over HDMI) for System Control
- Bi-Amping and BTL (Bridged Transless or Bridging) Capability
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/70/80/90/100/120/150/200 Hz)
- Customized Gold-Plated Speaker Posts
- Gold-Plated A/V Inputs and Outputs
- Speaker A/B Configuration
- Compatible with RI (Remote Interactive) Dock for the iPod

TX-SR875 THX™ Ultra2™ Certified 7.1-Channel A/V Surround Home Theatre Receiver

WHAT HI-FI? SOUND AND VISION ★★★★★
(September Issue 2007)

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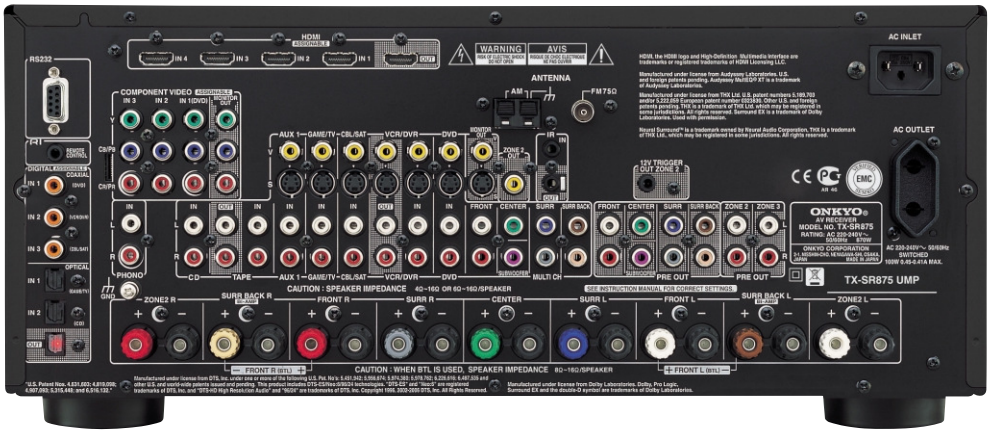
The lesser-used controls are neatly tucked away behind the drop-down panel.



Performing beyond the highest expectations, the TX-SR875 A/V surround home theatre receiver deserves all the accolades it gets. The foundations of the TX-SR875 are its isolated power amplifier block and preprocessor, which support a dual push-pull amplification design. In the engine room, you'll find a blend of onboard technologies to drive your home entertainment effortlessly into the high-definition realm. This HDMI-equipped Onkyo receiver can take up to four components with 1080p video and master-quality audio. Even if your input device lacks HDMI, HQV Reon-VX will upscale the resolution of any video signal to 1080p. THX, Audyssey and Texas Instruments lend the very best of their expertise to round out this high-quality package.

- 250 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 200 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 140 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, FTC
- THX Ultra2 Certified (with THX Processing)
- DTS-HD® Master Audio, DTS-HD® High-Resolution Audio, Dolby® TrueHD, Dolby® Digital Plus Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- VLSC (Vector Linear Shaping Circuitry) for All Channels
- Burr Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- HDMI 1.3a Audio and Video Processing (4 Inputs and 1 Output)
- HQV Reon-VX Video Processing with 1080p Upscaling of All Video Sources via HDMI
- HDMI and Component Video Upconversion
- HDTV-Capable HDMI Switching
- HDTV-Capable (100 MHz) Component Video Switching (3 Inputs and 1 Output)
- Dual Push-Pull Amplifier Design with 3-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ® XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Neural-THX® Surround Technology for Gaming, Movies and Broadcasting
- Powered Zone 2 (Audio and Video); Zone 2 and Zone 3 Pre Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- RS232, IR and 12V Trigger Connectivity
- Onkyo RIHD (Remote Interactive Over HDMI) for System Control
- 6 Digital Inputs (3 Optical and 3 Coaxial) and 1 Optical Output
- IntelliVolume
- Bi-Amping and BTL (Bridged Transless or Bridging) Capability
- Optimum Gain Volume Circuitry
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/70/80/90/100/120/150/200 Hz)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Learning Remote Control with Macros and Mode-Key LEDs

TX-SR805 THX™ Ultra2™ Certified 7.1-Channel A/V Surround Home Theatre Receiver

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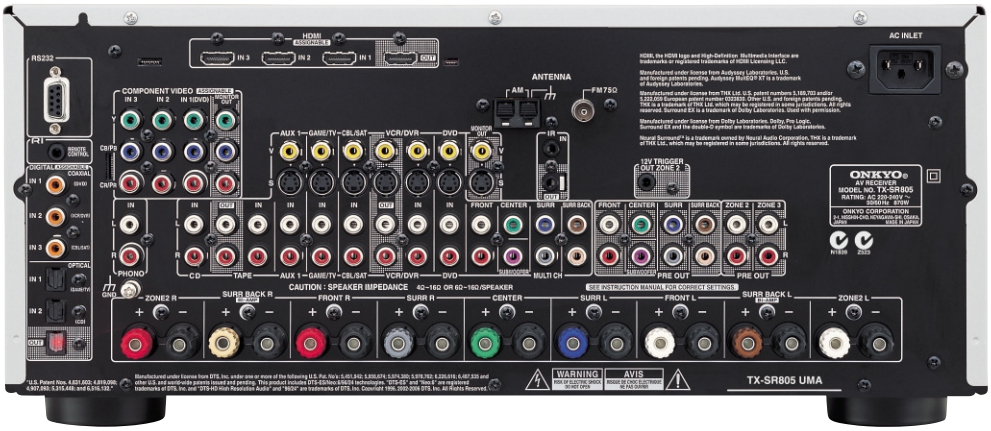

In terms of the evolution of home entertainment, recent years have seen a quantum leap. It's a formidable progression when you think of 1080p high-definition video and broadcasts; studio-quality, lossless surround sound; and spectacular gaming with stunning motion and graphics. Bundling all this potential, the TX-SR805 A/V surround home theatre receiver has been built to provide comprehensive control over all your movies, music, broadcasts and gaming. But that barely begins to describe the TX-SR805's potential. Augmented by its THX Ultra2 certification, this receiver goes even further by bringing you sophisticated room correction technology, multi-zone capabilities, powerful bi-amping and "push-pull" amplification. The TX-SR805 provides a reference point for a new generation of high-definition A/V receivers.

- 230 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 180 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 130 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, FTC
- THX Ultra2 Certified (with THX Processing)
- DTS-HD® Master Audio, DTS-HD® High-Resolution Audio, Dolby® TrueHD, Dolby® Digital Plus Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Burr Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- HDMI 1.3a Audio and Video Processing (3 Inputs and 1 Output)
- HDMI and Component Video Upconversion
- HDTV-Capable HDMI Switching
- HDTV-Capable (100 MHz) Component Video Switching (3 Inputs and 1 Output)
- Dual Push-Pull Amplifier Design with 3-Stage Inverted Darlington Circuitry
- WRAT (Wide Range Amplifier Technology)
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ® XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Neural-THX® Surround Technology for Gaming, Movies and Broadcasting
- Powered Zone 2 (Audio Only); Zone 2 and Zone 3 Pre Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- RS232, IR and 12V Trigger Connectivity
- Onkyo RIHD (Remote Interactive Over HDMI) for System Control
- 6 Digital Inputs (3 Optical and 3 Coaxial) and 1 Optical Output
- 6 S-Video Inputs and 2 Outputs
- Deinterlacer with Faroudja DCDi Edge™ (Directional Correlational Deinterlacing) Technology
- IntelliVolume
- Pure Audio Mode
- Bi-Amping Capability for Music and Movie Sound Effects
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/70/80/90/100/120/150/200 Hz)
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Learning Remote Control with Macros and Mode-Key LEDs

TX-SR705 THX™ Select2™ Certified 7.1-Channel A/V Surround Home Theatre Receiver

You'll be hard-pressed to find a mid-range home theatre A/V receiver that packs the TX-SR705's amplification power and audio processing capabilities. It might be comforting to look to its THX Select2 certification for confirmation, but as the THX engineers have seen, there's a lot more here than just efficient amplifier drive ability and all-round home theatre performance. The TX-SR705 breaks new ground in the mid-range category by featuring not only the lossless audio codecs, Dolby® TrueHD and DTS-HD® Master Audio, but also the most advanced version of HDMI. And with a wealth of other class-leading features—1080p video processing, Audyssey's MultEQ® technology for room calibration, and advanced processing devices from Texas Instruments and Cirrus Logic—nothing has been sacrificed in the making of this remarkable home theatre component.

- 175 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 160 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 100 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.08%, 2 Channels Driven, FTC
- THX Select2 Certified (with THX Processing)
- DTS-HD® Master Audio, DTS-HD® High-Resolution Audio, Dolby® TrueHD, Dolby® Digital Plus Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Cirrus Logic 192 kHz/24-Bit Audio DACs for All Channels
- HDMI 1.3a Audio and Video Processing (3 Inputs and 1 Output)
- HDMI and Component Video Upconversion
- HDTV-Capable HDMI Switching
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs and 1 Output)
- WRAT (Wide Range Amplifier Technology)
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ® XT to Correct Room Acoustic Problems and to Calibrate Speakers
- Neural-THX® Surround Technology for Gaming, Movies and Broadcasting
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room
- RS232, IR and 12V Trigger Connectivity
- Onkyo RIHD (Remote Interactive Over HDMI) for System Control
- 6 Digital Inputs (3 Optical and 3 Coaxial) and 1 Optical Output
- 5 S-Video Inputs and 2 Outputs
- Deinterlacer with Faroudja DCDi Edge™ (Directional Correlational Deinterlacing) Technology
- IntelliVolume
- Pure Audio Mode
- Bi-Amping Capability for Music and Movie Sound Effects
- A-Form Listening Mode Memory
- Optimum Gain Volume Circuitry
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Synchronization Function (Up to 250 ms in 5 ms Steps)
- 40 FM/AM Radio Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Learning Remote Control with Macros and Mode-Key LEDs

TX-SR605 7.1-Channel A/V Surround Home Theatre Receiver

EISA Best Product 2007-2008 HOME THEATER RECEIVER Onkyo TX-SR605

WHAT HI-FI? SOUND AND VISION ★★★★★ (October Issue 2007)

SILVER BLACK

HDMI · dts-HD Master Audio · DOLBY TRUE HD · Video Upconversion · FAROUDJA DCDi EDGE · CinemaFILTER · WRAT Wide Range Amp Technology · 192kHz/24-Bit · AUDYSSEY 2EQ · 7.1 CH INPUT · RIHD · Theater-Dimensional · RI

This impressive new mid-range A/V receiver was built specifically to embrace high-definition media such as Blu-ray Disc and HD DVD. The TX-SR605 embodies a new generation, and boasts excellent signal-processing capabilities, courtesy of HDMI. With the ability to keep everything in the digital domain, the TX-SR605 provides complete control of every video and audio format available today. Adding high-definition A/V processing to Onkyo's renowned approach to sound gives this A/V receiver a distinct advantage in the home. Offering the latest in usability and versatility—such as multi-room playback, a full connectivity suite (with switching and upconversion), room calibration and integrated system control—the TX-SR605 is poised to set new performance benchmarks in affordable home theatre.

- 175 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 140 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 90 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.08%, 2 Channels Driven, FTC
- DTS-HD® Master Audio, DTS-HD® High-Resolution Audio, Dolby® TrueHD, Dolby® Digital Plus Decoding
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- HDMI 1.3a Audio and Video Processing (2 Inputs and 1 Output)
- HDMI and Component Video Upconversion
- HDTV-Capable HDMI Switching
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs and 1 Output)
- WRAT (Wide Range Amplifier Technology)
- Advanced TI (Aureus™) 32-Bit Processing DSP Chip
- Audyssey 2EQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- Onkyo RIHD (Remote Interactive Over HDMI) for System Control
- 5 Digital Inputs (3 Optical and 2 Coaxial)
- 5 S-Video Inputs and 2 Outputs
- CinemaFILTER™
- Powered Zone 2 and Zone 2 Line-Out for Playback in Another Room
- Deinterlacer with Faroudja DCDi Edge™ (Directional Correlational Deinterlacing) Technology
- IntelliVolume
- Pure Audio Mode
- Bi-Amping Capability for Music and Movie Sound Effects
- Subwoofer Pre Out
- A-Form Listening Mode Memory
- Optimum Gain Volume Circuitry
- Tone Control (Bass/Treble) for Front L/R Channels
- Color-Coded 7.1-Multichannel Inputs
- Independent Crossover Adjustment for F/C/S/SB (40/50/60/80/100/120/150/200 Hz)
- A/V Synchronization Function (Up to 100 ms in 10 ms Steps)
- 40 FM/AM Radio Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs

TX-SR575 7.1-Channel A/V Surround Home Theatre Receiver

SILVER BLACK

Without sophisticated engineering know-how and design, combining multichannel surround sound with video processing capabilities in A/V receivers presents some formidable challenges, particularly in the mid-level price range. The TX-SR575 balances high-performance audio (for movies and music) with HDMI 1080p pass-thru and component video switching (and upconversion) capability for every video resolution available. Not simply content with giving you multi-dimensional entertainment, the TX-SR575 comes equipped with Audyssey 2EQ™ room-correction technology that enables you to accurately align sound output with the contours of your home.

- 160 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 130 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 80 W/Ch Minimum into 8 Ω, 20 Hz–20 kHz, 0.08%, 2 Channels Driven, FTC
- DTS®-ES™ Discrete/Matrix, DTS® Neo:6, DTS® 96/24, Dolby® Digital EX™, Dolby® Pro Logic® IIx
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- HDMI Pass-Thru (1080p Compatible; 2 Inputs and 1 Output)*
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs and 1 Output)
- Component Video Upconversion
- WRAT (Wide Range Amplifier Technology)
- Advanced TI (Aureus™) 32-Bit Processing DSP Chip
- Audyssey 2EQ™ to Correct Room Acoustic Problems and to Calibrate Speakers
- 4 Digital Inputs (2 Optical and 2 Coaxial)
- 3 S-Video Inputs and 2 Outputs
- CinemaFILTER™
- Pure Audio Mode
- Subwoofer Pre Out
- A-Form Listening Mode Memory
- Optimum Gain Volume Circuitry
- Non-Scaling Configuration
- Tone Control (Bass/Treble) for Front L/R Channels
- Double Bass Function
- Color-Coded 7.1-Multichannel Inputs (Receive 7.1 Surround Sound from Compatible Blu-ray Disc and HD DVD Players)
- Speaker A/B Drive
- Color-Coded Dual Banana Plug-Compatible Speaker Posts (Except Speaker B)
- Crossover Adjustment at 40/50/60/80/100/120/150/200 Hz for Bass Management
- A/V Synchronization Function (Up to 100 ms in 20 ms Steps)
- 40 FM/AM Radio Presets
- Compatible with RI (Remote Interactive) Dock for the iPod
- Preprogrammed RI (Remote Interactive) Remote Control with Mode-Key LEDs

**A separate audio connection is necessary to process multichannel audio.*

TX-SR304E 5.1-Channel A/V Surround Home Theatre Receiver

- 120 W/Ch, Continuous 6 Ω, 1 kHz, 1 Channel Driven, JEITA
- 100 W/Ch, 6 Ω, 1 kHz, 1 Channel Driven, IEC
- 65 W/Ch Continuous 8 Ω, 20 Hz–20 kHz, 2 Channels Driven, FTC
- DTS®, DTS® Neo:6 5.1, Dolby® Digital, Dolby® Pro Logic® II
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- 192 kHz/24-Bit DACs for All Channels
- HDTV-Capable (50 MHz) Component Video Switching (3 Inputs and 1 Output)
- Advanced 32-Bit Processing DSP Chip
- 3 Digital Inputs (2 Optical/1 Coaxial)
- 4 Composite Video Inputs and 2 Outputs
- Subwoofer Pre Out
- CinemaFILTER™
- Direct Mode
- A-Form Listening Mode Memory
- Optimum Gain Volume Circuitry
- Tone Control (Bass/Treble) for Front L/R Channels
- Double Bass Function
- Color-Coded 5.1 Multichannel Inputs (Receive 5.1 Surround Sound from Compatible Blu-ray Disc and HD DVD Players)
- Speaker A/B Drive
- Color-Coded Speaker Terminals
- Crossover Adjustment (40/50/60/80/100/120/150/200 Hz)
- A/V Sync Control Function (Fixed at 0/20/40 ms)
- Compatible with RI Dock for the iPod
- Full-Function RI (Remote Interactive) Remote with Mode-Key LEDs

SILVER

dts 5.1 neo:6 | DOLBY DIGITAL PRO LOGIC II | CINEMA FILTER | 192/24 | RI

Experience Cinema—The Perfectionist Approach to Home Entertainment

HDMI (High-Definition Multimedia Interface) Providing the Ultimate A/V Connection

You'll find HDMI on almost all recently released Onkyo players. HDMI will output uncompressed video signals, along with every audio format carried by a player. Video can be passed directly to an HDMI-enabled HDTV, while audio—including Dolby Digital and DTS signals—can be passed to your AV receiver. Also, this cable can carry DVD signals for upconversion to 720p, 1080i, or 1080p. Since HDMI carries all channels of video and audio, only one cable is needed to plug into the HDMI-enabled source and only one into the display device. This means less unsightly cable mess and a straightforward connection process.

HD Conversion to Match Resolution of High-Definition Displays

As high-definition displays become the norm, and HDMI becomes the A/V transport of choice, you'll want the flexibility to get the best resolution out of your display. Onkyo players can be easily set at the native resolution of the connected display. The default setting of 480p can be output via component video or HDMI, or the HDMI setting can be changed through the resolution button on your remote. You have the choice of 720p or 1080i settings (via HDMI) which are compatible with the best HDTV displays available.

Vector Linear Shaping Circuitry (VLSC™) (DV-SP504, DV-CP704)

VECTOR LINEAR SHAPING CIRCUITRY

Unlike what you'll find elsewhere, Onkyo's VLSC significantly reduces pulse noise from digital signals. If you think of your player as the first link in your home entertainment chain, it makes sense to ensure that the signal is delivered in all its purity. By doing so, you'll add more depth and clarity to all your music sources (including digital music files) and movie soundtracks.

Multi-Format Playback Capability*

SUPER AUDIO CD | DVD VIDEO/AUDIO | DivX VIDEO | MP3 | Windows Media

Broadening your entertainment options beyond DVD videos and PCM audio CDs, our players enable playback of a range of formats. DVD-Audio and Super Audio CD can carry multichannel recordings, and offer the highest audio resolution commercially available. On a different level, MP3- and WMA-encoded music discs can be played back with a fuller sound, and with energy lacking on PCs and portable music devices. Also, you can easily transfer WMV- and DivX®-encoded video files from your computer to your home theatre. Likewise, your JPEG/HD JPEG/Picture CDs look stunning when played back on a large viewing screen.

**Capability depends on specific model.*

Direct Digital Path (DV-SP504, DV-CP704)

Unlike other DVD players that use inexpensive PC board copper traces to transfer the digital audio signal, Onkyo players employ high-purity, heavy-gauge, shielded cables to directly output digital or PCM bitstreams straight from the disc to the back panel. This way, the cable protects the audio signal against potential noise from nearby microprocessors and power supplies. So if you use the optical or coaxial digital output to send multichannel or stereo sources to your compatible receiver, you're starting off with the cleanest possible signal.

192 kHz/24-Bit Audio DACs Contribute to Superior Audio

Performing at a full 192 kHz/24-bit level of resolution, these digital-to-analog audio converters deliver audio performance that's ideal for today's formats. They boast a higher dynamic range than standard digital-to-analog converters, and are virtually resistant to clock jitter—which means you'll enjoy the best possible audio performance.

DV-SP405 HD Conversion DVD/CD/MP3 Player

Taking Charge of All A/V Sources and Passing Video with Precision

In the age of high-definition media, it's wise to consider your preferred A/V formats and existing (and future) equipment needs before investing in your home entertainment system. You want to be prepared for the stunning visual quality of high-definition video—especially as high-resolution flat-panel displays become ever more ubiquitous. You also want to be fully covered for any computer-based audio and video files that you wish to play back with the enhanced experience offered by a home theatre system. Look no further. The DV-SP405 provides an affordable solution for playback of today's video and audio media. On top of that, its High-Definition Multimedia Interface (HDMI) gives you the perfect delivery of video sources through one convenient connection and at the same time matches the signal resolution to your high-definition display.

- DTS® 2.0+Digital Out and Dolby® Digital
- Plays DVD Video, Video CD, DualDisc (Not DVD Audio), Audio CD, CD-R/RW, DVD-R/RW, DVD+R/RW*
- Plays MP3, WMA, WMV, MPEG-4 AAC, DivX® and JPEG Formats*
- HDMI Digital Interface
- USB Interface
- HD Conversion to Match Resolution of High-Definition Displays
- Component, S-Video and Composite Video Outputs
- 96 kHz/24-Bit Audio DAC
- 108 MHz/12-Bit Video DAC
- PAL/NTSC Progressive Scan
- Disc Navigator for Browsing Video and Audio Content (Including Computer-Based Files)
- Coaxial and Optical Digital Outputs
- Last Play Memory (DVD/CD) and Resume Function
- Program Memory and Playback (DVD/CD)
- Dynamic Range Control (High, Medium, Low, Off)
- Virtual Surround
- High-Resolution On-Screen Display (English/French/Spanish/Chinese)
- Aluminum Front Panel
- Full-Function Remote Control

**Discs that have not been properly finalized may only be partially playable or not playable at all.*

USB Interface for Transferring Audio and JPEG Files

By connecting a USB mass storage device to the slot on the front of the DV-SP405, you can access audio files (two-channel sources, such as MP3, WMA or MPEG-4 AAC), WMV video files and JPEG photo files. When you connect a device to the DV-SP405, the Disc Navigator function is displayed automatically, so you can play back your files exactly as you would with content burned to disc. If you're already purchasing music online, or have your picture files stored on your computer, the USB interface is a convenient way of transferring your files.

DV-SP504 Universal DVD/CD Player

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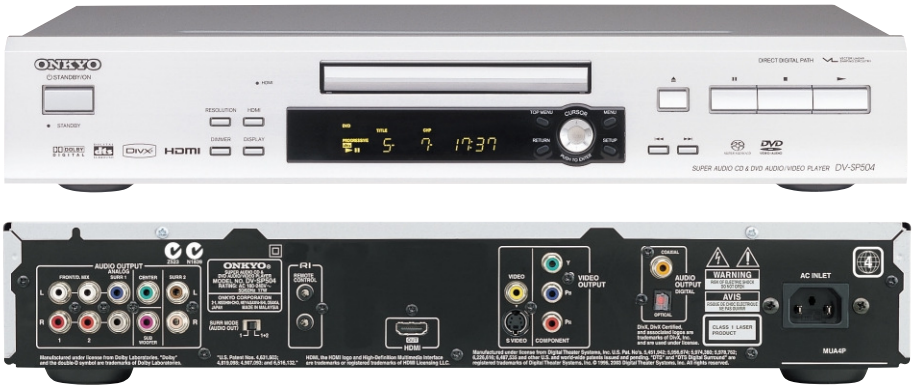

The DV-SP504 universal DVD/CD player stands out as a versatile player well-positioned for the emergence of high-definition entertainment. It's the inclusion of the HDMI interface that makes the DV-SP504 a superb choice for delivering movies, high-resolution music, and more recent formats like HD JPEG (for megapixel images with enhanced resolution). Onkyo technology comes into play with Vector Linear Shaping Circuitry (VLSC) and Direct Digital Path to protect audio signals from the single most destructive elements to quality movies and music—pulse noise and noise emanating from a player's internal components.

- DTS® and Dolby® Digital Decoders Built-in
- Plays DVD-Audio and Video, DVD-R/RWs, DVD+R/RWs, Super Audio CDs, MP3-Encoded CDs, WMA-Encoded CDs, CD-R/RWs, Video CDs, Audio CDs, and JPEG- and HD JPEG-Encoded CDs*
- HDMI Output for Video and Audio
- DivX® Video Playable
- HD Conversion to Match Resolution of High-Definition Displays
- PAL/NTSC Progressive Scan (with Indicator)
- 192 kHz/24-Bit Audio DAC
- 108 MHz/14-Bit Video DAC
- Direct Digital Path
- VLSC (Vector Linear Shaping Circuitry)
- Optical & Coaxial Digital Outputs
- 96 kHz or 48 kHz Selectable Digital Output
- Component Video, S-Video & Composite Video Outputs
- On-Screen Display (English/French/Spanish/German/Italian/Japanese)
- 32-Track Programming
- Brushed Hairline Aluminum Front Panel
- RI (Remote Interactive) Compatible Remote Control

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DV-CP704 6-Disc HDMI DVD/CD/MP3 CD Changer

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A great way to complement a multi-disc home theatre player is to give it extended playback capabilities and superior signal processing. Anything that oozes as much style and class as the DV-CP704 6-disc HDMI DVD/CD/MP3 CD changer is going to be a welcome addition to your home and your home entertainment system. Just look at its scope. It will take charge of DVD-Video as well as MP3-, WMA- and HD JPEG-enabled discs—all for output via HDMI to compatible HDTV displays and receivers (of course, component and S-Video digital outputs are also provided). Also, with the inclusion of Onkyo's Vector Linear Shaping Circuitry (VLSC) and Direct Digital Path, the emphasis is on delivering an audio signal without the noise that plagues poorly built playback components. With no-nonsense operation and superb integration, you can spend more time with your favorite entertainment.

- Plays DVD-Video, DVD-R/RWs, DVD+R/RWs, MP3-Encoded CDs, WMA-Encoded CDs, CD-R/RWs, Video CDs, Audio CDs, and JPEG- and HD JPEG-Encoded CDs*
- HDMI Output for Video and Audio
- HD Conversion to Match Resolution of High-Definition Displays
- Progressive Scan Video Output (with Indicator)
- 192 kHz/24-Bit Audio DAC
- 108 MHz/14-Bit Video DAC
- Direct Digital Path
- VLSC (Vector Linear Shaping Circuitry)
- Optical and Coaxial Digital Outputs
- 96 kHz or 48 kHz Selectable Digital Output
- Component Video, S-Video and Composite Video Outputs
- Party Mode for Random Playback
- Exclusive 6-Disc Carousel Changer Design
- Ultra-Quiet Loading Mechanism
- Blue Light for Disc Recognition
- On-Screen Display (English/French/Spanish)
- 32-Track Programming
- Passes PLUGE Signals
- Display Dimmer (4 Modes)
- Auto Dynamic Range Control
- Brushed Hairline Aluminum Front Panel
- RI (Remote Interactive) Compatible Remote Control

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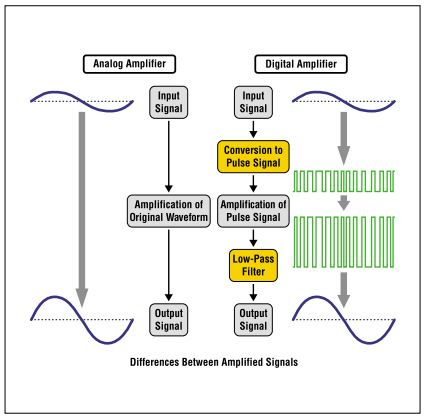
VL Digital—A Quest for the Perfect Digital Sound

The Difference Between Analog and Digital Amplifiers

Understanding the amplification process helps to explain the difference between analog and digital amplifiers. In an analog amplifier, the analog input signal is amplified without any modification. In a digital amplifier, the analog input signal is converted into a pulse (digital) signal, and then converted back into an analog signal using a low-pass filter. An analog signal is constantly changing within a range extending from zero to a maximum value. However, a digital signal is comprised of "pulses"—a series of zeros and ones. The significant difference between analog and digital amplifiers is the basic principle used for amplification.



In an amplifier, the power supply circuitry (actually, the capacitors) collects electricity. A transistor (valve) opens when an input signal is received, causing some of the collected energy to flow out through the output jacks. This process simply defines how amplification works. Analog amplifier signals continuously change: the transistor must adjust the size of the "valve" opening to match the constantly changing input signal. On the other hand, with a digital amplifier, the signal consists of either a pulse (1) or no pulse (0)—there are no intermediate values. The "switches" in a digital amplifier are completely open (switch is on) when there is a pulse or completely closed (switch is off) when there is no pulse.

Why the Interest in Digital Amplifiers?

First of all, we should consider an analog amplifier, where the signal always lies between zero and a maximum value. Therefore, the amplifier elements function as variable resistors that adjust the amount of electricity supplied by the power supply to match the input level. Electricity that does not flow through when the amplifier elements are closed is lost. For this reason, analog amplifiers can only achieve a maximum power efficiency (relative to the power supply) of about 70%. This large amount of energy loss means that a substantial amount of heat is generated.

In a digital amplifier, the signal level is either 0 or 1, and the amplifier elements function as switches with two states, ON and OFF. The amount of power loss is very small. Consequently, digital amplifiers typically have very high efficiency—90% or so. Very little energy is generated, so heat-dissipating parts such as heat sinks can be smaller and the amplifiers can be more compact.

Possibilities of the Digital Amplifier

At Onkyo, we are not only interested in higher efficiency and a more compact size, we also believe that there is a great opportunity to build a digital amplifier with improved sound. When a digital amplifier's signal value is 1 (the current is flowing from the power supply to the speakers), the amplification elements in the output stage remain completely open. Broadly speaking, there is little resistance that consumes power between the power supply and the speakers. Consequently, there is no loss of power. In contrast, with analog amplifiers, there is always some resistance between the power supply and speakers because of the manner in which the amplifier operates.

Furthermore, since the output elements are used as switches in a digital amplifier, properties such as linearity (crucial in an analog amplifier) are not particularly significant. By reducing the number of parameters that the amplifier must control, it is easier to ensure that the elements will be driven as intended in all circumstances. We believe that the potential of digital amplifiers lies in more accurate signal reproduction.

Another potential attraction is that low-frequency reproduction places little load on the power supply. Analog recording techniques have limitations when recording low-frequency sounds. However, digital recording, which has become the dominant method for storing and reproducing audio data, has eliminated these limitations. For this reason, more and more of today's music is based on powerful low-frequency sounds. These recordings contain bass power in all its intensity.

Onkyo's Approach to Digital Amplifiers

Based on the research of Onkyo's development team, we believe power supply is essential to achieving quality sound from digital amplifiers, even though their efficiency far exceeds that of analog amplifiers. If we go back to the basics of amplification, we want to reproduce sound that you can feel, not just hear. For this purpose, we need a power supply with the lowest possible impedance and superior transient response. Very few manufacturers are building digital amplifiers with power supplies that follow our concept.

A great deal of attention has been given to power supply performance in every Onkyo digital amplifier. In fact, in our digital amplifiers, we have taken this concept even further by including large-capacity transformers.

Pulse Width Modulation (PWM) and Onkyo's VL (Vector Linear) Digital

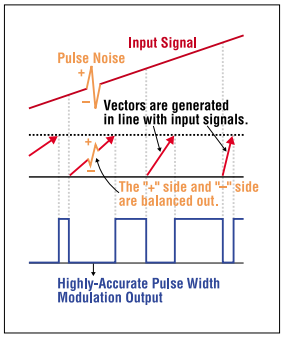
In digital amplifiers, there are two methods of pulse conversion: pulse width modulation (PWM), in which analog quantity is represented by the width of the pulse, and pulse density modulation (PDM), in which analog is represented by the number of pulses. Onkyo uses the PWM approach for a number of reasons:

1) PWM produces far less digital noise in the higher frequencies than PDM.

2) PWM is more efficient than PDM in terms of delay relative to the pulse input.

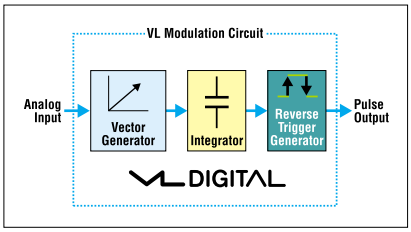
3) PDM is dependent on a large amount of negative feedback (NFB)—approaching 100%. Even in an analog amplifier, a lot of NFB will negatively affect the sound.

Up to now, PWM has been used as an efficient method of amplifying audio signals. Theoretically, this method should result in accurate analog-to-digital conversion. In reality, a digital amplifier generates a lot of "noise spikes" from sources external to the modulator circuitry. This spike noise introduces errors into the inversion timing, making accurate conversion into pulse widths impossible. So, to further improve the precision of amplifiers, we've had to push even further. Our response is a highly accurate analog-to-digital conversion circuit—VL Digital—that is unaffected by noise in the analog signal.



Onkyo's VL (Vector Linear) Digital technology comprises a vector generator, an integrator (like a charger) and an inversion trigger generator. When the analog input signal is received, the vector generator outputs a current proportional to the size of the analog input. This current is sent to the integrator, where it is "charged". When the charge quantity reaches a specified value, the trigger operates and inverts the output pulse. Circuits charge and invert alternately, performing pulse width modulation proportional to the analog signal.

The upper and lower portions of the spike noise waveform are symmetrical, so they have the same area. Therefore, if the analog signal contains spike noise, their charge quantities will cancel each other out. This will ensure accurate pulse width modulation at all times. Onkyo's third-generation VL Digital technology includes an inverted Darlington circuit that goes beyond earlier versions to accurately produce a current flow based on the input voltage.



A-9755 Integrated Digital Amplifier

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VL DIGITAL RI

- 300 W/Ch into 4 Ω, 1 kHz, JEITA
- Exclusive Onkyo VL Digital Technology
- Pure Stream Power Supply (2 Transformers)
- All Discrete Output Stage Circuitry
- Low-Impedance, Thick Bus Plate
- Optimum Gain Volume Circuitry
- Audiophile-Grade Capacitor
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Pure Direct Mode
- Discrete Phono Equalizer Circuitry
- 6 Gold-Plated Audio Inputs and 2 Outputs
- Phono Input
- Main In Terminals
- Blue Illuminated Volume Control
- High-Rigidity, Anti-Resonant Chassis and Brass Stabilizers
- Extruded Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Gold-Plated Banana Plug-Compatible Transparent Speaker Posts
- Heavy-Duty Power Cord (Inlet Type)
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control

A-9555 Integrated Digital Amplifier

SILVER BLACK

VL DIGITAL RI

- 200 W/Ch into 4 Ω, 1 kHz, JEITA
- Exclusive Onkyo VL Digital Technology
- Pure Stream Power Supply
- All Discrete Output Stage Circuitry
- Low-Impedance, Thick Bus Plate
- Optimum Gain Volume Circuitry
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Pure Direct Mode
- Discrete Phono Equalizer Circuitry
- 6 Audio Inputs and 2 Outputs
- Phono Input
- High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Heavy-Duty Power Cord (Inlet Type)
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control

A-9355 Integrated Digital Amplifier

SILVER BLACK

- 85 W/Ch into 4 Ω, 1 kHz, JEITA
- Exclusive Onkyo VL Digital Technology
- Massive Power Transformer
- All Discrete Output Stage Circuitry
- Low-Impedance, Thick Bus Plate
- Optimum Gain Volume Circuitry
- Precision Motor-Driven Volume Control
- Tone Control (Bass, Treble, Loudness On/Off)
- Pure Direct Mode
- Discrete Phono Equalizer Circuitry
- 5 Audio Inputs and 2 Outputs
- Phono Input
- High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Gold-Plated Headphone Jack
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Remote Control

VL DIGITAL RI

DX-7355 CD Player

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- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs*
- VLSC (Vector Linear Shaping Circuitry)
- Wolfson® (WM8716) 192 kHz/24-Bit DAC
- Massive Power Transformer
- Audiophile-Grade Capacitors
- 2 Digital Outputs (Optical/Coaxial)
- Headphone Jack with Volume Control
- Quick Navigation for MP3 CD Playback
- 4 Play Modes and 5 Repeat Modes
- 25-Step Memory Playback
- 3-Mode Dimmer (Normal/Dim/Dimmer)
- High-Rigidity, Anti-Resonant Chassis
- Brushed Hairline Aluminum Front Panel
- RI (Remote Interactive) Remote Control

* *Discs that have not been properly finalized may only be partially playable or not playable at all.*

MP3 192kHz/24bit VECTOR LINEAR SHAPING CIRCUITRY RI

T-4355 FM/AM Tuner

SILVER BLACK

- FM/AM Auto and Manual Tuning
- Auto Presets (20 FM/10 AM)
- FM Mono Mode
- Dot-Matrix Display
- Front Panel Controls (Display, Band, Preset, Memory, FM Mode)
- Hi-Rigidity, Anti-Resonant Chassis
- Audiophile Grade Capacitor
- Aluminum Front Panel
- RI (Remote Interactive) System Compatible

RI

TX-8522 FM/AM Stereo Receiver

BLACK

- 130 W/Ch, 4 Ω, 1 kHz, JEITA
- 100 W/Ch, Continuous 8 Ω, 20 Hz–20 kHz, FTC
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Discrete Output Stage Circuitry
- Massive Power Transformer
- 3 Audio and 2 A/V Inputs
- Phono Input
- 2 Audio Outputs and 1 A/V Output
- Monitor Output
- IR Input/Output
- Video and Cassette Tape Dubbing
- 40 FM/AM Presets with Station Naming
- Pure Audio/Direct Mode
- Speaker A/B Drive
- Banana Plug-Compatible Speaker Posts
- Brushed Hairline Aluminum Front Panel
- Compatible with RI Dock for the iPod
- Full-Function RI (Remote Interactive) Remote Control
- WHD: 435 x 150 x 332 mm
- 8.4 kg

WRAT WIDE RANGE AMP TECHNOLOGY RI

DX-7555 CD Player

SILVER BLACK

- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs*
- VLSC (Vector Linear Shaping Circuitry)
- Super Precision Clock (±1.5 ppm)
- Digital Filter and Phase Control
- Wolfson® (WM8740) 192 kHz/24-Bit DAC
- Direct Digital Path
- Massive Power Transformer
- 2 Digital Outputs (Optical/Coaxial)
- Headphone Jack with Volume Control
- Quick Navigation for MP3 CD Playback
- 25-Step Memory Playback and 4 Repeat Modes
- 4-Mode Dimmer(Normal/Dim/Dimmer/Off)
- High-Rigidity, Anti-Resonant Chassis
- Brushed Hairline Aluminum Front Panel
- RI (Remote Interactive) Remote Control
- WHD: 435 x 111 x 405 mm
- 8.0 kg

** Discs that have not been properly finalized may only be partially playable or not playable at all.*

MP3 192kHz/24bit VECTOR LINEAR SHAPING CIRCUITRY DIRECT DIGITAL PATH RI

DX-C390 6-Disc CD Carousel Changer

BLACK

- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs*
- VLSC (Vector Linear Shaping Circuitry)
- VQA (Vector Quantizer Audio) Conversion Technology
- Change Up to 5 Discs During Play
- 192 kHz/24-Bit Audio DAC
- Direct Digital Path
- Optical & Coaxial Digital Output
- 40-Track Programming
- Next Selection Function
- 6 Repeat Modes (Entire Disc/All Discs/Random Tracks/Programmed Tracks/Random Memory/Single Track)
- Brushed Hairline Aluminum Front Panel
- RI (Remote Interactive) Remote Control
- WHD: 435 x 131 x 432 mm
- 6.9 kg

** Discs that have not been properly finalized may only be partially playable or not playable at all.*

MP3 6 DISC CAROUSEL MECHANISM 192kHz/24bit VECTOR LINEAR SHAPING CIRCUITRY VQA DIRECT DIGITAL PATH RI

TA-RW255 Double Auto-Reverse Cassette Deck

BLACK

- Dolby® B and C Noise Reduction
- CD-to-Tape Synchro Recording
- Rec Level Control
- Auto Tape-Bias Adjustment
- Auto-Space and Rec Mute
- High Speed Dubbing
- 8-Segment Peak Level Meters
- Peak Hold
- Brushed Hairline Aluminum Front Panel
- RI (Remote Interactive) System Compatible
- Wow & Flutter: 0.13% (WRMS)
- Frequency Response: 30 Hz–15 kHz (Metal Tape)
- S/N Ratio: 56 dB
- WHD: 435 x 121 x 303 mm
- 4.9 kg

DOLBY B·C TYPE NR RI

Introducing the Speaker World to a Brand New Onkyo Personality

SKF-4700(Y)

SKF-4700(B)

SKF-4700 (Y/B)

2-Way Bass Reflex Speakers

• 12 cm OMF diaphragm cone woofer x 2 • 2.5 cm balanced-dome floating (suspended mount) tweeter • Die-cast aluminum stabilizers to prevent vibrations • Magnetically shielded • Impedance: 8 Ω • Max. input power: 130 W • Frequency response: 50 Hz–40 kHz • WHD: 289 x 1032 x 309 mm • 8.8 kg

SKR-4700 (Y/B)

Surround Back Speaker

• 10 cm cone woofer • 2.5 cm balanced-dome tweeter • Wall-mounting capability • Impedance: 8 Ω • Max. input power: 130 W • Frequency response: 50 Hz–50 kHz • WHD: 155 x 266 x 140 mm • 1.8 kg
(sold individually)

SKR-4700(Y)

SKR-4700(B)

SKS-4700(Y)

SKS-4700(B)

SKS-4700 (Y/B)

Center/Surround Speaker Package

Center Speaker
• 12 cm OMF diaphragm cone woofer x 2 • 2.5 cm balanced-dome floating (suspended mount) tweeter • Magnetically shielded • Impedance: 8 Ω • Max. input power: 130 W • Frequency response: 60 Hz–40 kHz • WHD: 433 x 157 x 194 mm • 3.9 kg

Surround Speakers
• 10 cm cone woofer • 2.5 cm balanced-dome tweeter • Wall-mounting capability • Impedance: 8 Ω • Max. input power: 130 W • Frequency response: 50 Hz–50 kHz • WHD: 155 x 266 x 140 mm • 1.8 kg

SKF-3600

2-Way Bass Reflex Speakers

• 8 cm cone woofer x 2 • 2.5 cm balanced-dome tweeter • Magnetically shielded • Max. input power: 100 W • Frequency response: 55 Hz–35 kHz • WHD: 300 x 929 x 300 mm (with speaker base), 104 x 913 x 138 mm (without speaker base) • 6.1 kg (with speaker base), 4.5 kg (without speaker base)

SKR-3600

Surround Back Speaker

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Wall-mounting capability • Max. input power: 100 W • Frequency response: 60 Hz–35 kHz • WHD: 104 x 169 x 127 mm • 1.1 kg
(sold individually)

SKS-3600

Center/Surround Speaker Package

Center Speaker
• 8 cm cone woofer x 2 • 2.5 cm balanced-dome tweeter • Wall-mounting capability • Magnetically shielded • Max. input power: 100 W • Frequency response: 60 Hz–35 kHz • WHD: 310 x 104 x 127 mm • 2.1 kg

Surround Speakers
• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Wall-mounting capability • Max. input power: 100 W • Frequency response: 60 Hz–35 kHz • WHD: 104 x 169 x 127 mm • 1.1 kg

SKF-L500 2-Way Bass Reflex Speakers

• 8 cm A-OMF diaphragm woofer x 2 • 2.5 cm balanced-dome tweeter • Onkyo AEET (Advanced Extrusion Engineering Technology) construction (ABS infused with wooden grain) • High-gloss finish • Aero Acoustic Drive for powerful and natural sound • Color-coded speaker terminals & speaker cables • Impedance: 6 Ω • Magnetically shielded • Max. input power: 150 W • Frequency response: 45 Hz–100 kHz • WHD: 280 x 1013 x 261 mm (with speaker base), 161 x 1000 x 93 mm (without speaker base) • 4.3 kg

SKS-L500 Center/Surround Speaker Package

Center Speaker

• 8 cm A-OMF diaphragm woofer x 2 • 2.5 cm balanced-dome tweeter • Onkyo AEET (Advanced Extrusion Engineering Technology) construction (ABS infused with wooden grain) • High-gloss finish • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Color-coded speaker terminals & speaker cables • Impedance: 6 Ω • Magnetically shielded • Max. input power: 150 W • Frequency response: 60 Hz–100 kHz • WHD: 378 x 161 x 93 mm • 1.6 kg

Surround Speakers

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Onkyo AEET (Advanced Extrusion Engineering Technology) construction (ABS infused with wooden grain) • High-gloss finish • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Color-coded speaker terminals & speaker cables • Impedance: 6 Ω • Max. input power: 130 W • Frequency response: 60 Hz–35 kHz • WHD: 161 x 288 x 93 mm • 1.1 kg

SKR-L500 Surround Back Speaker

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Onkyo AEET (Advanced Extrusion Engineering Technology) construction (ABS infused with wooden grain) • High-gloss finish • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Color-coded speaker terminals & speaker cables • Impedance: 6 Ω • Max. input power: 130 W • Frequency response: 60 Hz–35 kHz • WHD: 161 x 288 x 93 mm • 1.1 kg

(sold individually)

SKS-HT240 6.1-Channel Home Theatre Speaker System

***SKF-240F** 2-Way Bass Reflex Front Speakers*

• 8 cm cone woofer x 2 • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Magnetically shielded • Rigid aluminum cabinet • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 55 Hz–35 kHz • WHD: 130 x 500 x 91 mm • 2.5 kg

***SKC-240C** 2-Way Bass Reflex Center Speaker*

• 8 cm cone woofer x 2 • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Magnetically shielded • Rigid aluminum cabinet • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 65 Hz–35 kHz • WHD: 439 x 130 x 91 mm • 2.3 kg

***SKM-240S/SKB-240** 2-Way Bass Reflex Surround/Surround Back Speakers*

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Magnetically shielded • Rigid aluminum cabinet • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 65 Hz–35 kHz • WHD: 130 x 340 x 91 mm • 1.6 kg

***SKW-240** Bass Reflex Powered Subwoofer*

• Built-in 150 W amplifier • Auto-standby/On circuitry • 20 cm cone woofer • Impedance: 15 kΩ • Frequency response: 27 Hz–150 Hz • WHD: 275 x 518 x 411 mm • 14.0 kg

SKS-HT230 5.1-Channel Home Theatre Speaker System

***SKF-230F** 2-Way Bass Reflex Front Speakers*

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Magnetically shielded • Rigid aluminum cabinet • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 65 Hz–35 kHz • WHD: 130 x 340 x 91 mm • 1.6 kg

***SKC-230C** 2-Way Bass Reflex Center Speaker*

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Magnetically shielded • Rigid aluminum cabinet • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 65 Hz–35 kHz • WHD: 340 x 130 x 91 mm • 1.6 kg

***SKM-230S** 2-Way Bass Reflex Surround Speakers*

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability • Magnetically shielded • Rigid aluminum cabinet • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 65 Hz–35 kHz • WHD: 130 x 340 x 91 mm • 1.6 kg

***SKW-150X** Bass Reflex Powered Subwoofer*

• Built-in 150 W amplifier • Auto-standby/On circuitry • 20 cm cone woofer • Impedance: 15 kΩ • Frequency response: 30 Hz–150 Hz • WHD: 235 x 518 x 404 mm • 12.6 kg

SKR-200

Surround Back Speaker

• 8 cm cone woofer • 2.5 cm balanced-dome tweeter • Aero Acoustic Drive for powerful and natural sound • Wall-mounting capability
• Magnetically shielded • Rigid aluminum cabinet
• Impedance: 8 Ω • Max. input power: 100 W
• Frequency response: 65 Hz–35 kHz • WHD: 130 x 340 x 91 mm • 1.6 kg
(sold individually)

SKW-204 (S)

Bass Reflex Powered Subwoofer

• Built-in 230 W amplifier • Auto-standby/On circuitry • 25 cm cone woofer
• Continuously variable crossover (50 Hz–200 Hz) • Phase switch (0° or 180°)
• Line level inputs • Impedance: 100 kΩ
• Frequency response: 25 Hz–150 Hz
• WHD: 275 x 473 x 428 mm • 11.8 kg

SL-107(Y)

SL-107(S)

SL-107(B)

SL-107 (Y/S/B)

Bass Reflex Powered Subwoofer

• Built-in 150 W amplifier • Auto-standby/On circuitry • 20 cm cone woofer • Aero Acoustic Drive for powerful and natural sounding bass • Continuously variable crossover (50 Hz–200 Hz) • Phase switch (0° or 180°) • Speaker & line level inputs
• Impedance: 65 kΩ (Line input), 1.2 kΩ (Speaker input) • Frequency response: 30 Hz–200 Hz • WHD: 230 x 435 x 401 mm • 13.0 kg

SILVER BLACK

HT-SR800 7.1-Channel A/V Surround Home Theatre Receiver/Speaker Package

HT-R550 7.1-Channel A/V Surround Home Theatre Receiver

• 160 W/Ch, 8 Ω, 1 kHz, 1 channel driven, JEITA • 110 W/Ch, 8 Ω, 1 kHz, 2 channels driven, FTC
• DTS®, DTS®-ES™ Discrete/Matrix, DTS® Neo:6, DTS® 96/24, Dolby® Digital EX™, Dolby® Pro Logic® IIx • H.C.P.S. (High Current Power Supply) massive high power transformer • 192 kHz/24-bit DACs for all channels • HDMI pass-thru (1080p compatible; 2 inputs and 1 output)*
• HDTV-capable (50 MHz) component video switching (3 inputs and 1 output) • WRAT (Wide Range Amplifier Technology) • Advanced 32-bit processing DSP chip • Audyssey 2EQ™/HTiB to correct room acoustic problems and to calibrate speakers • 3 S-Video inputs and 2 outputs
• 4 digital inputs (2 optical and 2 coaxial) • Subwoofer pre out • Optimum gain volume circuitry
• Non-scaling configuration • Color-coded 7.1-multichannel inputs (receive 7.1 surround sound from compatible Blu-ray Disc and HD DVD players) • Speaker A/B drive • Color-coded speaker terminals • Crossover adjustment (40/50/60/80/100/120/150/200 Hz) • A/V sync control function (up to 100 ms in 20 ms steps) • Compatible with RI Dock for the iPod
• Preprogrammed RI (Remote Interactive) remote control
**A separate audio connection is necessary to process multichannel audio.*

HTP-550 7.1-Channel Home Theatre Speaker System

SKF-550F *2-Way Bass Reflex Front Speakers*
• 12 cm OMF diaphragm woofer x 2 • 2.5 cm balanced-dome tweeter • Magnetically shielded
• Impedance: 8 Ω • Frequency response: 60 Hz–50 kHz • Max. input power: 130 W
• Dimensions (WHD): 157 x 433 x 194 mm • Weight: 3.9 kg

SKC-550C *2-Way Bass Reflex Center Speaker*
• 12 cm OMF diaphragm woofer x 2 • 2.5 cm balanced-dome tweeter • Magnetically shielded
• Impedance: 8 Ω • Frequency response: 60 Hz–50 kHz • Max. input power: 130 W
• Dimensions (WHD): 433 x 157 x 194 mm • Weight: 3.9 kg

SKM-550S/SKB-550 *Full-Range Acoustic-Suspension Surround/Surround Back Speakers*
• 8 cm cone • Impedance: 8 Ω • Frequency response: 160 Hz–20 kHz • Max. input power: 130 W • Dimensions (WHD): 155 x 266 x 98 mm • Weight: 1.3 kg
Note: All speakers include color-coded speaker terminals, wall-mounting capability and speaker cable.

SKW-550 *Bass Reflex Powered Subwoofer*
• Built-in 230 W amplifier • Auto-standby/On circuitry • Output level control • 25 cm cone woofer • Frequency response: 20 Hz–100 Hz • Dimensions (WHD): 276 x 510 x 417 mm
• Weight: 11.4 kg

HT-SR600 5.1-Channel A/V Surround Home Theatre Receiver/Speaker Package

HT-R340 5.1-Channel A/V Surround Home Theatre Receiver

• 120 W/Ch, 8 Ω, 1 kHz, 1 channel driven, JEITA • 650 W into 5.1 channels (105 W/Ch, 6 Ω, 1 kHz, FTC) • DTS®, DTS® Neo:6 5.1, Dolby® Digital, Dolby® Pro Logic® II • H.C.P.S. (High Current Power Supply) massive high power transformer • 192 kHz/24-bit DACs for all channels • HDTV-capable (50 MHz) component video switching (3 inputs and 1 output) • 3 digital inputs (2 optical and 1 coaxial) • 4 composite video inputs and 2 outputs • Optimum gain volume circuitry • A-Form Listening Mode Memory • Non-scaling configuration • OR-EQ™ equalizer function • CinemaFILTER™ • Color-coded 5.1-multichannel inputs (receive 5.1 surround sound from compatible Blu-ray Disc and HD DVD players) • Speaker A/B drive • Color-coded speaker terminals • Crossover adjustment (40/50/60/80/100/120/150/200 Hz) • A/V sync control function (fixed at 20/40 ms steps) • Compatible with RI Dock for the iPod • Full-function RI (Remote Interactive) remote control

HTP-350 5.1-Channel Home Theatre Speaker System

SKF-350F *2-Way Bass Reflex Front Speakers*

• 8 cm cone woofer • 2 cm ceramic tweeter • Magnetically shielded • Impedance: 6 Ω • Frequency response: 100 Hz–22 kHz • Max. input power: 120 W • Dimensions (WHD): 101 x 273 x 115 mm • Weight: 1.0 kg

SKC-350C *2-Way Bass Reflex Center Speaker*

• 8 cm cone woofer • 2 cm ceramic tweeter • Magnetically shielded • Impedance: 6 Ω • Frequency response: 100 Hz–22 kHz • Max. input power: 120 W • Dimensions (WHD): 273 x 101 x 102 mm • Weight: 1.0 kg

SKM-350S *Full-Range Bass Reflex Surround Speakers*

• 8 cm cone • Impedance: 6 Ω • Frequency response: 100 Hz–22 kHz • Max. input power: 120 W • Dimensions (WHD): 101 x 175 x 111 mm • Weight: 0.7 kg

Note: All speakers include color-coded speaker terminals, wall-mounting capability (compatible with 4-axis tilt wall mounts), speaker cables and rubber spacers.

SKW-350 *Bass Reflex Subwoofer*

• 20 cm cone • Down-firing • Max. power: 130 W • Frequency response: 30 Hz–150 Hz • Dimensions (WHD): 230 x 425 x 372 mm • Weight: 6.7 kg

HT-S680 6.1-Channel A/V Surround Home Theatre Receiver/Speaker Package

HT-R430 6.1-Channel A/V Surround Home Theatre Receiver

• 120 W/Ch, continuous 8 Ω, 1 kHz, JEITA • 100 W/Ch, continuous 8 Ω, 1 kHz, FTC • DTS®-ES™ Discrete/Matrix, DTS® Neo:6, Dolby® Digital EX™, Dolby® Pro Logic® IIx • H.C.P.S. (High Current Power Supply) massive high power transformer • 192 kHz/24-bit DACs for all channels • WRAT (Wide Range Amplifier Technology) • 32-bit processing DSP chip • OR-EQ™ equalizer function • 2 digital inputs (optical/coaxial) • CinemaFILTER™ • Subwoofer pre out • Optimum gain volume circuitry • Color-coded 5.1 multichannel inputs • Double bass function • A-Form listening mode memory • Dot matrix FL display • Color-coded speaker terminals • Crossover adjustment (60/80/100/120/150 Hz) • Speaker A/B drive • RI (Remote Interactive) remote control • WHD: 435 x 150 x 369 mm • 9.6 kg

HTP-430 6.1-Channel Home Theatre Speaker System

SKF-330F *2-Way Bass Reflex Front Speakers*

• 8 cm cone woofer • 2 cm ceramic tweeter • Wall-mounting capability • Magnetically shielded • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 80 Hz–22 kHz • WHD: 148 x 202 x 101 mm • 0.9 kg

SKC-330C *2-Way Bass Reflex Center Speaker*

• 8 cm cone woofer x 2 • 2 cm ceramic tweeter • Wall-mounting capability • Magnetically shielded • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 80 Hz–22 kHz • WHD: 360 x 127 x 131 mm • 1.6 kg

SKM-330S/SKB-330 *2-Way Bass Reflex Surround/Surround Back Speakers*

• 8 cm cone woofer • 2 cm ceramic tweeter • Wall-mounting capability • Impedance: 8 Ω • Max. input power: 100 W • Frequency response: 80 Hz–22 kHz • WHD: 148 x 202 x 101 mm • 0.7 kg

Note: All speakers include color-coded speaker terminals, wall-mounting capability and speaker cable.

SKW-420 *Bass Reflex Powered Subwoofer*

• Built-in 150 W amplifier • Auto-standby/On circuitry • 20 cm cone woofer • Frequency response: 30 Hz–150 Hz • WHD: 235 x 518 x 411 mm • 12.8 kg

Emitting the Sweetest, Sharpest Sounds

The biggest challenge for compact audio systems is to take any music genre and reproduce a detailed, balanced audio output. Judging the CS-315 CD receiver system on that basis alone, we have a winner. Anchored around Onkyo's Wide Range Amplifier Technology (WRAT), the CS-315 excels in revealing the nuance of CDs and MP3 tracks recorded to disc, and even your iPod's tracks. Don't forget its mobility—this system will easily slot into most spaces that you choose. Forming a competent audio chain with the distinctive D-N7BX 2-way, bass reflex speakers, the CS-315 creates all the right impressions.

CR-315, D-N7BX(Y)

CS-315 CD Receiver System

CR-315 SILVER
CD Receiver

- 25 W/Ch, Continuous 4 Ω, JEITA
- Plays CDs and MP3-Encoded CDs*
- Single-Bit DAC
- WRAT (Wide Range Amplifier Technology)
- High-Current, Low-Impedance Drive
- Discrete Output Stage Circuitry
- 3 Audio Inputs (1 Front-Panel) and 1 Output
- Direct Mode
- Subwoofer Pre-Out
- Super Bass
- Tone Control
- 25-Track Programming
- 4 Timer Mode Settings (Play or Rec/Once or Every)
- Sleep Timer
- 40 FM/AM Presets
- Aluminum Front Panel
- Compatible with RI Dock for the iPod
- Full-Function RI (Remote Interactive) Remote Control
- WHD: 205 x 116 x 353 mm
- 4.2 kg

** Discs that have not been properly finalized may only be partially playable or not playable at all.*

WRAT WIDE RANGE AMP TECHNOLOGY · COMPACT DISC DIGITAL AUDIO · MP3 · RI

D-N7BX(Y)
2-Way Bass Reflex Speakers

- 13 cm A-OMF Monocoque Diaphragm Woofer
- 3 cm Ring-Drive Tweeter
- Aero Acoustic Drive for Powerful and Natural Sound
- V-Line Edge to Counteract Unwanted Diaphragm Vibration
- Banana Plug-Compatible Speaker Posts
- Magnetically Shielded
- Impedance: 4 Ω
- Max. Input Power: 70 W
- Frequency Response: 50 Hz–100 kHz
- WHD: 167 x 290 x 246 mm
- 3.9 kg

A-OMF MONOCOQUE

DR-S501(B), HTP-501(B)

Cinematic Brilliance, Terrific Musicality, Undeniable Style

The LS-V501 is shaping up as one of those classic Onkyo A/V systems that blend A/V perfection with style and sublime construction. With obvious leanings towards HD entertainment, the LS-V501 sports HDMI connectivity for the latest plasma and LCD displays. Working from a 2-channel set-up, this system provides "channeled sound" movie entertainment from DVDs and DivX. On another front, it gives you a stack of music options, from MP3s right through to the audiophile quality of DVD Audio and Super Audio CD. The accompanying speakers are sized for placement in a variety of set-ups, while the gloss-finished subwoofer adds to the LS-V501's overall chic.

LS-V501 Universal DVD Receiver/Speaker System

DR-S501 SILVER BLACK

2.1-Channel Universal DVD Receiver

- 50 W/Ch, 6 Ω, 1 kHz, JEITA
- Plays DVD-Audio and Video, Video CD, Super Audio CD, PCM Audio CD, DVD-R/RW, DVD+R/RW, DVD-R/RW DL, DVD+R/RW DL, CD-R/RW, DivX-Encoded discs, MP3-Encoded discs, WMA-Encoded discs and JPEG-Encoded CDs*
- DTS® Digital Surround, DTS® 96/24, Dolby® Digital
- WRAT (Wide Range Amplifier Technology)
- Discrete Output Stage Circuitry
- HDMI Pass-Thru (1080i Compatible; 1 Input and 1 Output)
- Component Video Output
- 2 A/V Inputs
- Pure/Direct Modes
- 2 Digital Inputs (1 Optical and 1 Coaxial)
- Subwoofer Pre Out
- 192 kHz/24-Bit Audio DAC
- 108 MHz/14-Bit Video DAC
- Progressive Scan Video Output
- DVD Onscreen Set-Up
- Theater Dimensional Virtual Surround Function
- 40 FM/AM Radio Presets
- Compatible with RI Dock for the iPod

**Discs that have not been properly finalized may only be partially playable or not playable at all.*

HTP-501

2.1-Channel Speaker Package

SKF-501F

2-Way Acoustic-Suspension Front Speakers

• 8 cm cone woofer x 2 • 2.5 cm balanced-dome tweeter • Magnetically shielded • Wall-mounting capability • Frequency response: 60 Hz–50 kHz • Max. input power: 120 W
• Dimensions (WHD): 140 x 355 x 93 mm (without stand), 178 x 405 x 145 mm (with stand)
• Weight: 1.8 kg (without stand), 2.6 kg (with stand)

SKW-501

Bass Reflex Powered Subwoofer

• 20 cm cone woofer • Auto standby/On circuitry • Max. output power: 150 W
• Output level control • Line-level input • Frequency response: 27 Hz–150 Hz
• Dimensions (WHD): 230 x 425 x 412 mm • Weight: 9.1 kg

DR-S501(S), HTP-501(S)

Creating the Right Vibe Where it's Needed Most

CBX-100 CD Receiver System

CD Receiver Features

- 5 Watts for Each Channel
- Plays CDs, MP3-Encoded CDs and WMA-Encoded CDs*
- Slot-in CD Loading Mechanism
- 3-Mode Preset EQ Function
- Navigation Mode for MP3/WMA
- 25-Track Programming
- Random/Memory/1-Folder Play Modes
- 2 Repeat Modes (Track/Full)

** Discs that have not been properly finalized may only be partially playable or not playable at all.*

MP3 RDS RI

Tuner & Other Features

- 4 Timer Mode Settings (Once/Every/Everyday/Days Set)
- Sleep Timer
- Snooze Function
- 30 FM/AM Presets
- Automatic FM/AM Scan Tuning
- RDS & AccuClock
- Battery-Free Memory Backup
- Headphone Jack
- Compatible with RI Dock for the iPod
- RI (Remote Interactive) Compatible Remote Control

Speaker Features

- 8 cm Full-Range Bass Reflex OMF Diaphragm x 2
- Aero Acoustic Drive for Powerful and Natural Sound
- Separated Speaker Enclosures for Improved Sound Quality
- Braced Enclosure to Prevent Unwanted Vibrations
- Magnetically Shielded
- Dimensions (WHD): 435 x 138 x 231.5 mm
- Weight: 4.2 kg

OMF

Video Compatibility, Greater Control and a Heftier, More Detailed Sound for Your iPod

The next-generation Remote Interactive Dock for the iPod, the DS-A2X, brings the iPod even closer to Onkyo's world. With the ability to accommodate video files alongside audio, the DS-A2X brings out the full potential of the latest iPod models, while delivering famed Onkyo sound quality. Through an on-screen display function that enables you to view music track lists, the RI Dock ensures easy navigation of your music via its dedicated remote control. The cradle-shaped DS-A2X neatly supports the iPod and recharges it as long as the Dock remains connected to an AC power supply. It also offers a wide choice of integrated functions when connected through an Onkyo component's Remote Interactive (RI) terminal.

DS-A2X WHITE BLACK

Remote Interactive Dock

Superb Audio and Video Playback
Not just for music, but video and photos too

Control From Afar
Now with its own dedicated remote control

Charged and Ready to Go
Perfect as a charging station

Easier Viewing of Your Track Lists
Displays music track lists with information about artists, albums, songs and genres

Remote Interactive (RI) Capabilities
Enables Auto Selector, Time Play/Sleep Timer, Alarm functions

- Dimensions (WHD): 112 x 60 x 112 mm
- Weight: 230 g

Made for iPod

iPod Models Compatible with the DS-A2X (as of July 2007)

- 5th generation iPod
- iPod nano
- iPod photo
- iPod mini
- 4th generation iPod with click wheel

(1st, 2nd and 3rd generation iPods are not supported.)

(iPod not included)

GLOSSARY

Dolby® TrueHD

Dolby TrueHD is Dolby's next-generation lossless technology developed for high-definition disc-based media. Dolby TrueHD audio is bit-for-bit identical to the highest-resolution studio masters. Together with high-definition video, it offers an unprecedented home theatre experience. Now listeners can enjoy sound as stunning as their high-definition pictures. Dolby TrueHD is a mandatory standard for the HD DVD format and an optional standard for Blu-ray Disc.

Dolby® Digital Plus

Dolby Digital Plus provides the flexibility and efficiency to deliver more channels of compelling surround sound for high-definition video via cable and direct broadcast satellite (DBS), via disc-based media, and via online content. The superior coding efficiencies enable a high-quality multichannel audio experience without negatively impacting bit budgets allocated for video performance or additional feature sets.

DTS-HD® Master Audio

DTS-HD Master Audio is capable of delivering audio that is bit-for-bit identical to the studio master. DTS-HD Master Audio delivers audio at super-high variable bit rates—24.5 mega-bits per second (Mbps) on Blu-ray Disc and 18.0 Mbps on HD DVD—that are significantly higher than on standard DVDs. This bit stream is so fast, and the transfer rate so high, that it can deliver 7.1 audio channels that are identical to the studio master. With DTS-HD Master Audio, you will be able to experience movies and music exactly as the artist intended: clear, pure, and uncompromised.

DTS-HD® High Resolution Audio

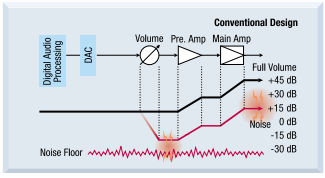
DTS-HD High Resolution Audio can deliver up to 7.1 channels that are virtually indistinguishable from the original. DTS-HD High Resolution Audio delivers audio at high constant bit rates superior to those on standard DVDs—6.0 Mbps on Blu-ray Disc and 3.0 Mbps on HD DVD. It allows content creators to deliver rich, high-definition audio on movies where disc space may not allow for DTS-HD Master Audio.

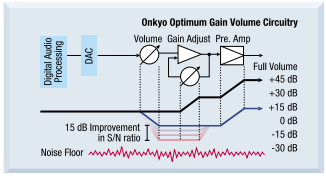
Meeting THX™ Benchmarks in THX Certification

From early design concepts to product rollout, THX and Onkyo work together on selected A/V receivers. Every detail is meticulously mapped to THX performance standards: either THX™ Ultra2™ or THX™ Select2™. THX engineers spend countless hours testing and analyzing sound quality, usability and interoperability. In addition, they perform qualitative evaluations on the A/V receivers to ensure surround-sound presentations worthy of THX certification.

Optimum Gain Volume Circuitry

To produce volume at low levels, conventional amplifiers must initially drop a signal close to the noise floor, permanently tainting it with a small amount of noise. When amplified, both the signal and the unwanted noise are magnified. Optimum Gain Volume Circuitry adjusts the gain so that less than half the amount of attenuation is needed, ensuring the signal never comes close to the noise floor. This protects the signal against noise, resulting in a dramatically clearer sound.





Pure Audio Mode

Pure Audio Mode turns off the A/V receiver's display and keeps video in the digital domain (via HDMI) to ensure that the audio signal is protected against interference from external circuitry.

CinemaFILTER™

The tonal balance of a film soundtrack can be edgy and bright when played back over audio equipment in your home—this is because film soundtracks are designed to be played back in large theatres, using commercial equipment. Onkyo has developed its own solution that restores the correct tonal balance of a movie soundtrack in the smaller environs of your home theatre.

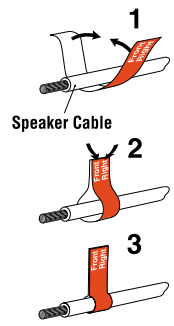
Theater Dimensional

Onkyo's exclusive Theater Dimensional circuitry takes the complexity out of conventional surround-sound set-ups and lets you experience the excitement of surround sound from as few as two ordinary speakers. Want more? Theater Dimensional's unique multi-speaker modes let you place up to five speakers conveniently by the TV, for the most realistic virtual-surround sound possible.

IntelliVolume

More often than not, the components connected to your A/V receiver are set at different volume levels. With IntelliVolume, you can customize the input volume settings for all of the inputs connected to the A/V receiver. You can vary the settings from -12dB to +12dB to achieve even levels when switching from one component to another.

Color-Coded Speaker Terminals



These color-coded speaker terminals take the guesswork out of matching wires to the correct terminals. Simply attach the color-coded label to the speaker cable, and attach the cable to the same-colored speaker terminal for easy speaker connection.

Crossover Adjustment

Depending on your choice of Onkyo A/V receiver, you can set the subwoofer crossover at different frequencies. Being able to choose where the subwoofer takes over bass-producing responsibilities from the front speakers gives you more precise reproduction of movie soundtracks. It also means you can select from a wider range of speaker packages, and match speakers with differing crossover frequencies to your home theatre system.

Onkyo Micro Fiber (OMF), A-OMF & A-OMF Monocoque

Onkyo Micro Fiber (OMF), made from a pure cotton weave to absorb vibrations, was first developed to create a thick yet rigid diaphragm that enables an extremely fast, accurate response. The next stage saw the advent of A-OMF, which incorporates a PEN (polyethylene naphthalate) layer with a flexible cotton weave that makes speaker cones even stronger and more resistant to heat. We then added an aramid layer to create New A-OMF. The evolution has been taken a step further with A-OMF Monocoque—essentially sharing the same material composition as New A-OMF but forming a single, continuous cover over the cone. All four diaphragm types achieve improved midrange clarity and imaging for an astonishingly vivid, natural sound.

FEATURES

A/V Receivers	TX-NR905	TX-SR875	TX-SR805	TX-SR705	TX-SR605	TX-SR575	TX-SR304E
High-Definition Features							
Dolby® TrueHD, Dolby® Digital Plus	✓	✓	✓	✓	✓		
DTS-HD® Master Audio, DTS-HD® High Resolution	✓	✓	✓	✓	✓		
HDMI Version	1.3a	1.3a	1.3a	1.3a	1.3a	Pass-thru	
HDMI Inputs/Outputs	4/2	4/1	3/1	3/1	2/1	2/1	
Video Processing	✓ (HQV Reon-VX)	✓ (HQV Reon-VX)	✓ (Faroudja DCDi Edge™)	✓ (Faroudja DCDi Edge™)	✓ (Faroudja DCDi Edge™)	✓	✓
1080p Video Resolution	✓	✓	✓	✓	✓	✓	
1080p Video Upscaling	✓	✓					
RIHD	✓	✓	✓	✓	✓		
Amplifier Design							
Dual Push-Pull Amplification	✓	✓	✓				
High Current Low Impedance Drive	✓	✓	✓	✓	✓	✓	
H.C.P.S.	✓ (Toroidal)	✓	✓	✓	✓	✓	✓
WRAT (Wide Range Amplifier Technology)	✓	✓	✓	✓	✓	✓	
VLSC (Vector Linear Shaping Circuitry)	✓ (For all channels)	✓ (For all channels)					
Non-Scaling Configuration	✓	✓	✓	✓	✓	✓	✓
192 kHz/24-Bit Audio DACs	Burr-Brown	Burr-Brown	Burr-Brown	Cirrus Logic	✓	✓	✓
All Discrete Output Stage Circuitry	✓	✓	✓	✓	✓	✓	
Optimum Gain Volume Circuitry	✓	✓	✓	✓	✓	✓	✓
Bi-Amping	✓	✓	✓	✓	✓		
BTL (Bridged Transless or Bridging)	✓	✓					
Home Theatre/Network Features							
THX™ Certified	✓ (Ultra2)	✓ (Ultra2)	✓ (Ultra2)	✓ (Select2)			
Room Calibration	✓ (Audyssey MultEQ® XT)	✓ (Audyssey MultEQ® XT)	✓ (Audyssey MultEQ® XT)	✓ (Audyssey MultEQ® XT)	✓ (Audyssey 2EQ™)	✓ (Audyssey 2EQ™)	
Network Connectivity	✓						
DTS®, DTS®-ES™ Discrete/Matrix, DTS® Neo:6, DTS® 96/24	✓	✓	✓	✓	✓	✓	(DTS®, Neo:6 5.1)
Dolby® Digital, Dolby® Pro Logic® IIx, Dolby® Digital EX™	✓	✓	✓	✓	✓	✓	(Dolby® Digital, Pro Logic® II)
HDMI Upconversion	✓	✓	✓	✓	✓		
HDMI Switching	✓	✓	✓	✓	✓	✓	
Component Video Upconversion	✓	✓	✓	✓	✓	✓	
Component Video Switching	✓	✓	✓	✓	✓	✓	✓
Component Video Inputs/Output	3/1	3/1	3/1	3/1	3/1	3/1	3/1
32-Bit DSP Chip	TI x 3	TI x 3	TI x 3	TI x 3	TI x 1	TI x 1	✓
Zone 2	✓ (Audio/Video)	✓ (Audio/Video)	✓ (Audio)	✓ (Audio)	✓ (Audio)		
Zone 3	✓ (Audio)	✓ (Audio)	✓ (Audio)				
On-Screen Display	✓	✓	✓	✓	✓		
Crossover Adjustment	✓	✓	✓	✓	✓	✓	✓
A/V Sync	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 250 ms)	✓ (Up to 100 ms)	✓ (Up to 100 ms)	✓ (0/20/40 ms)
Multichannel Inputs	7.1	7.1	7.1	7.1	7.1	7.1	5.1
Audio & A/V Inputs	2/6	2/6	2/6	2/5	2/5	2/4	2/4
Front-Panel Video Input	✓	✓	✓	✓	✓	✓	
S-Video Inputs/Outputs	6/2	6/2	6/2	5/2	5/2	3/2	
Digital Inputs	3 Optical/3 Coaxial	3 Optical/3 Coaxial	3 Optical/3 Coaxial	3 Optical/3 Coaxial	3 Optical/2 Coaxial	2 Optical/2 Coaxial	2 Optical/1 Coaxial
Digital Outputs	1 Optical	1 Optical	1 Optical	1 Optical			
USB Port	✓						
Pre Outs	7 ch	7 ch	7 ch	7 ch			
Subwoofer Pre Out	✓	✓	✓	✓	✓	✓	✓
Other Features							
Phono Input	✓	✓	✓	✓			
Headphone Jack	✓	✓	✓	✓	✓	✓	✓
Speaker A/B Drive	✓					✓	✓
Radio Tuning	Internet/FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM	FM/AM
Neural-THX® Surround Decoder	✓	✓	✓	✓			
Pure Audio Mode	✓	✓	✓	✓	✓	✓	
IntelliVolume	✓	✓	✓	✓	✓		
Tone Control	7.1 ch	7.1 ch	7.1 ch	L/R	L/R	L/R	L/R
Dual Banana Plug-Compatible Speaker Posts	✓ (Customized, gold-plated)	✓	✓	✓	✓	✓ (Except SP-B)	
Color-Coded Speaker Terminals	✓	✓	✓	✓	✓	✓	✓
RS232, IR, & 12V Trigger Connectivity	✓	✓	✓	✓			
RI & iPod Dock Connectivity	✓	✓	✓	✓	✓	✓	✓
RI Remote Control	Prepro/Learning	Prepro/Learning	Prepro/Learning	Prepro/Learning	Prepro	Prepro	✓
Macro Function	✓	✓	✓	✓			
Color	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver or Black	Silver

*[1]Discs that have not been properly finalized may only be partially playable or not playable at all. *[2]Channels are measured separately. *[3]Calculated on basis of IHF Dynamic headroom.*

FEATURES

DVD/CD Players	DV-SP405	DV-SP504	DV-CP704
DVD-Audio Playback		✓	
Super Audio CD Playback		✓	
MP3 Playback	✓	✓	✓
WMA Playback	✓	✓	✓
MPEG-4 Playback	✓		
DivX® Video Playable	✓	✓	
WMV Playback	✓		
CD-R/RW Playback Capability*1	✓	✓	✓
DVD-R/RW Playback Capability*1	✓	✓	✓
DTS®/Dolby® Digital Audio Output	✓	✓	✓
Direct Digital Path		✓	✓
VLSC (Vector Linear Shaping Circuitry)		✓	✓
Progressive Scan (PAL/NTSC)	✓	✓	✓
HD Conversion	✓	✓	✓
HDMI Output	✓	✓	✓
96 kHz-48 kHz Selectable Digital Output	✓	✓	✓
Composite Video Output	✓	✓	✓
S-Video Output	✓	✓	✓
Component Video Output	✓	✓	✓
Digital Outputs	1 Optical/1 Coaxial	1 Optical/1 Coaxial	1 Optical/1 Coaxial
Analog Audio Output	✓	✓	✓
Audio DAC	96 kHz/24-Bit	192 kHz/24-Bit	192 kHz/24-Bit
Video DAC	108 MHz/12-Bit	108 MHz/14-Bit	108 MHz/14-Bit
Dynamic Range Control	✓	✓	✓
Video Black Level Control	✓	✓	✓
Programmed Memory Playback	✓	✓	✓
Multi-Language Onscreen Display	✓	✓	✓
Color	Silver or Black	Silver or Black	Silver or Black

Integrated Amplifiers	A-9755	A-9555	A-9355
Power Output*2 (4 Ω, 1 kHz, JEITA)	300 W/Ch	200 W/Ch	85 W/Ch
VL Digital Technology	✓	✓	✓
Discrete Output Stage Circuitry	✓	✓	✓
Audio Inputs/Outputs	6/2	6/2	5/2
Main In	✓		
Phono Input	✓	✓	✓
Pure Direct Mode	✓	✓	✓
Speaker A/B Drive	✓	✓	✓
Heavy-Duty Binding Posts	✓	✓	✓
Headphone Jack	✓	✓	✓
RI Remote Control	✓	✓	✓
Color	Silver or Black	Silver or Black	Silver or Black

CD Players	DX-7555	DX-7355	DX-C390
VLSC (Vector Linear Shaping Circuitry)	✓	✓	✓
Direct Digital Path	✓		✓
Super High-Precision Clock	✓		
MP3 Playback	✓	✓	✓
Digital Output On/Off	✓		
Number of Repeat Modes	4	5	6
Memory Playback Steps	25	25	40
Shuffle/Random Play	By Remote	By Remote	✓
Digital Outputs	1 Optical/1 Coaxial	1 Optical/1 Coaxial	1 Optical/1 Coaxial
Analog Output	✓	✓	✓
Headphone Jack with Volume Control	✓	✓	
RI Remote Control	✓	✓	✓
Color	Silver or Black	Silver or Black	Black

Home Theatre Systems		HT-SR800	HT-SR600	HT-S680
Receiver Section				
Power Output*2 (8 Ω, 1 kHz, FTC)		110 W/Ch	105 W/Ch (6 Ω)	100 W/Ch
Power Output*2 (8 Ω, 1 kHz, JEITA)		130 W/Ch	120 W/Ch (6 Ω)	120 W/Ch
Dynamic Power*3 (4 Ω)		190 W/Ch	140 W/Ch	155 W/Ch
Discrete Output Stage Circuitry		✓		✓
HDMI Inputs/Outputs		2/1	–/–	–/–
Audio and AV Inputs		2/4	2/4	2/4
Audio and AV Outputs		1/1	1/1	1/1
Component Video Inputs/Outputs		3/1	3/1	–/–
S-Video Inputs/Outputs		3/2	–/–	3/2
Subwoofer Pre Out		✓		✓
Multichannel Inputs		7.1	5.1	5.1
Speaker A/B Drive		✓	✓	✓
Sleep Timer		✓	✓	✓
Headphone Jack		✓	✓	✓
Color-Coded Speaker Terminals		✓	✓	✓
RI Remote Control		✓	✓	✓
Speaker Section				
Type	Front	2-Way, Bass Reflex	2-Way, Bass Reflex	2-Way, Bass Reflex
	Center	2-Way, Bass Reflex	2-Way, Bass Reflex	2-Way, Bass Reflex
	Surround/Surround Back	Full-Range, Acoustic-Suspension	Full-Range, Bass Reflex/–	2-Way, Bass Reflex
	Subwoofer	Bass Reflex Powered	Bass Reflex Passive	Bass Reflex Powered
Nominal Impedance	Front	8 Ω	6 Ω	8 Ω
	Center	8 Ω	6 Ω	8 Ω
	Surround/Surround Back	8 Ω	6 Ω/–	8 Ω
Input Sensitivity/ Impedance	Subwoofer	140 mV/20 kΩ	–/6 Ω	220 mV/15 kΩ
Max. Power	Front (Input)	130 W	120 W	100 W
	Center (Input)	130 W	120 W	100 W
	Surround (Input)/Surround Back	130 W	120 W/–	100 W
	Subwoofer (Output)	230 W	130 W (Input)	150 W
Frequency Response	Front	60 Hz–50 kHz	100 Hz–22 kHz	80 Hz–22 kHz
	Center	60 Hz–50 kHz	100 Hz–22 kHz	80 Hz–22 kHz
	Surround/Surround Back	160 Hz–20 kHz	100 Hz–22 kHz/–	80 Hz–22 kHz
	Subwoofer	25 Hz–150 Hz	30 Hz–150 Hz	30 Hz–150 Hz
Driver(s)	Front	12 cm OMF Diaphragm x 2, 2.5 cm Balanced-Dome	8 cm Cone, 2 cm Ceramic	8 cm Cone, 2 cm Ceramic
	Center	12 cm OMF Diaphragm x 2, 2.5 cm Balanced-Dome	8 cm Cone, 2 cm Ceramic	8 cm Cone x 2, 2 cm Ceramic
	Surround/Surround Back	8 cm Full-Range Cone	8 cm Cone/–	8 cm Cone, 2 cm Ceramic
	Subwoofer	25 cm Cone	20 cm Cone	20 cm Cone
Color		Silver or Black	Silver	Silver or Black

Home Style Components	DR-S501
Receiver Section	
Power Output*2 (6 Ω, 1 kHz, JEITA)	50 W/Ch
Dolby® Digital	✓
DTS®, DTS® 96/24	✓
HDMI Version	Pass-thru
HDMI Inputs/Outputs	1/1
WRAT (Wide Range Amplifier Technology)	✓
Component Video Output	1
Digital Inputs	1 Optical/1 Coaxial
A/V Input	2
Video Output	1
Subwoofer Pre Out	✓
Pure Direct Mode	✓
Audio DAC	192 kHz/24-Bit
Theater Dimensional	✓
FM/AM Radio Presets	40
RI & iPod Dock Connectivity	✓
Dual Banana Plug-Compatible Speaker Posts	✓
DVD Player Section	
DVD-Audio Playback	✓
Super Audio CD Playback	✓
DivX® Video Playable	✓
MP3 Playback	✓
WMA Playback	✓
Progressive Scan	✓
Video DAC	108 MHz/14-Bit

SPECIFICATIONS

A/V RECEIVERS	TX-NR905	TX-SR875	TX-SR805	TX-SR705	TX-SR605	TX-SR575	TX-SR304E
AMPLIFIER SECTION							
Power Output*[1]							
Front L/R	280 W + 280 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 220 W + 220 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W + 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	250 W + 250 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 200 W + 200 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W + 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	230 W + 230 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 180 W + 180 W (6 Ω, 1 kHz, 1 channel driven, IEC) 130 W + 130 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	175 W + 175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, IEC) 100 W + 100 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	175 W + 175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 140 W + 140 W (6 Ω, 1 kHz, 1 channel driven, IEC) 90 W + 90 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W + 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	120 W + 120 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 100 W + 100 W (6 Ω, 1 kHz, 1 channel driven, IEC) 65 W + 65 W (8 Ω, 2 channels driven, FTC)
Center	280 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 220 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	250 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 200 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	230 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 180 W (6 Ω, 1 kHz, 1 channel driven, IEC) 130 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 160 W (6 Ω, 1 kHz, 1 channel driven, IEC) 100 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 140 W (6 Ω, 1 kHz, 1 channel driven, IEC) 90 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	120 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 100 W (6 Ω, 1 kHz, 1 channel driven, IEC) 65 W (8 Ω, 2 channels driven, FTC)
Surround L/R	280 W + 280 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 220 W + 220 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W + 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	250 W + 250 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 200 W + 200 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W + 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	230 W + 230 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 180 W + 180 W (6 Ω, 1 kHz, 1 channel driven, IEC) 130 W + 130 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	175 W + 175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, IEC) 100 W + 100 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	175 W + 175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 140 W + 140 W (6 Ω, 1 kHz, 1 channel driven, IEC) 90 W + 90 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W + 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	120 W + 120 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 100 W + 100 W (6 Ω, 1 kHz, 1 channel driven, IEC) 65 W + 65 W (8 Ω, 2 channels driven, FTC)
Surround Back L/R	280 W + 280 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 220 W + 220 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W + 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	250 W + 250 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 200 W + 200 W (6 Ω, 1 kHz, 1 channel driven, IEC) 140 W + 140 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	230 W + 230 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 180 W + 180 W (6 Ω, 1 kHz, 1 channel driven, IEC) 130 W + 130 W (8 Ω, 20 Hz–20 kHz, 0.05%, 2 channels driven, FTC)	175 W + 175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, IEC) 100 W + 100 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	175 W + 175 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 140 W + 140 W (6 Ω, 1 kHz, 1 channel driven, IEC) 90 W + 90 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	160 W + 160 W (6 Ω, 1 kHz, 1 channel driven, JEITA) 130 W + 130 W (6 Ω, 1 kHz, 1 channel driven, IEC) 80 W + 80 W (8 Ω, 20 Hz–20 kHz, 0.08%, 2 channels driven, FTC)	—
Dynamic Power*[2]	400 W (3 Ω, 1 ch) 300 W (4 Ω, 1 ch) 180 W (8 Ω, 1 ch)	320 W (3 Ω, 1 ch) 270 W (4 Ω, 1 ch) 160 W (8 Ω, 1 ch)	300 W (3 Ω, 1 ch) 250 W (4 Ω, 1 ch) 150 W (8 Ω, 1 ch)	240 W (3 Ω, 1 ch) 210 W (4 Ω, 1 ch) 120 W (8 Ω, 1 ch)	210 W (3 Ω, 1 ch) 180 W (4 Ω, 1 ch) 110 W (8 Ω, 1 ch)	180 W (3 Ω, 1 ch) 160 W (4 Ω, 1 ch) 100 W (8 Ω, 1 ch)	160 W (3 Ω, 1 ch) 125 W (4 Ω, 1 ch) 85 W (8 Ω, 1 ch)
THD (Total Harmonic Distortion)	0.05% (Rated power)	0.05% (Rated power)	0.05% (Rated power)	0.08% (Rated power)	0.08% (Rated power)	0.08% (Rated power)	0.9% (Rated power)
Damping Factor	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)
Output Level and Impedance	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)	200 mV/470 Ω (Rec out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	—	—	—
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	5 Hz–100 kHz/+1 dB, -3 dB (Direct mode)	10 Hz–50 kHz/+1 dB, -3 dB (Direct mode)
Tone Control	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 80 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	110 dB (Line, IHF-A)	110 dB (Line, IHF-A)	110 dB (Line, IHF-A)	106 dB (Line, IHF-A)	106 dB (Line, IHF-A)	100 dB (Line, IHF-A)	100 dB (Line, IHF-A)
Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	6 Ω–16 Ω
VIDEO SECTION							
Input Sensitivity/Output Level and Impedance							
Video	1 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 Vp-p/75 Ω (Composite)	1 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 Vp-p/75 Ω (Composite)	1 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 Vp-p/75 Ω (Composite)	1 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 Vp-p/75 Ω (Composite)	1 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 Vp-p/75 Ω (Composite)	1 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 Vp-p/75 Ω (Composite)	1 Vp-p/75 Ω (Component) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) 1 Vp-p/75 Ω (Composite)
Component Video Frequency Response	5 Hz–100 MHz (-3 dB)	5 Hz–100 MHz (-3 dB)	5 Hz–100 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)	5 Hz–50 MHz (-3 dB)
TUNER SECTION							
Tuning Frequency Range							
FM	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz	87.5 MHz–108 MHz
AM	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz
FM/AM Preset Memory	40 stations	40 stations	40 stations	40 stations	40 stations	40 stations	30 stations
GENERAL							
Power Supply	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 220–240 V, 50/60 Hz	AC 230 V, 50 Hz	AC 230 V, 50 Hz	AC 230–240 V, 50 Hz
Power Consumption	1,000 W	870 W	870 W	600 W	630 W	570 W	220 W
Dimensions (W x H x D)	435 x 194 x 458.5 mm	435 x 194 x 458.5 mm	435 x 194 x 458.5 mm	435 x 174 x 377 mm	435 x 174 x 377 mm	435 x 150 x 377 mm	435 x 150 x 369 mm
Weight	24.3 kg	23.3 kg	23.3 kg	12.8 kg	11.5 kg	10.2 kg	8.4 kg

DVD PLAYERS	DV-SP405	DV-SP504	DV-CP704
Linear Velocity			
Single layer	3.49 m/s	3.49 m/s	3.49 m/s
Dual layer	3.84 m/s	3.84 m/s	3.84 m/s
Frequency Range (Digital Audio)			
DVD-Audio	—	4 Hz–88 kHz (192 kHz)	—
DVD Linear Sound	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)
Audio CD	4 Hz–20 kHz (44.1 kHz)	4 Hz–20 kHz (44.1 kHz)	4 Hz–20 kHz (44.1 kHz)
S/N Ratio (Digital Audio)	115 dB	106 dB	95 dB
Audio Dynamic Range (Digital Audio)	88 dB	96 dB	95 dB
THD (Digital Audio) (1 kHz)	0.0065 %	0.003 %	0.008 %
Wow and Flutter	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
Composite Video Output	1.0 V p-p, 75 Ω, negative sync.	1.0 V p-p, 75 Ω, negative sync.	1.0 V p-p, 75 Ω, negative sync.
S-Video Output	(Y) 1.0 V p-p 75 Ω, (C) 0.286 V p-p 75 Ω, negative sync., Mini DIN 4-pin	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin
Component Video Output	(Y) 1.0 V p-p, 75 Ω, (PB)/(PR) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (PB)/(PR) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (PB)/(PR) 0.7 V p-p, 75 Ω
Audio Output			
Digital (Optical)	- 22.5 dBm x 1	- 22.5 dBm x 1	- 22.5 dBm x 1
Digital (Coaxial)	0.5 V p-p, 75 Ω, pin jack x 1	0.5 V p-p, 75 Ω, pin jack x 1	0.5 V p-p, 75 Ω, pin jack x 1
Analog Audio	2.0 V RMS, 440 Ω, pin jack (L/R) x 1	2.0 V RMS, 440 Ω, pin jack (5.1 ch) x 1, pin jack (L/R) x 1	2.0 V RMS, 440 Ω, pin jack (L/R) x 1
Power Consumption	11 W	17 W	13 W
Dimensions (W x H x D)	435 x 61 x 215.5 mm	435 x 81 x 309 mm	435 x 91 x 432 mm
Weight	1.9 kg	3.7 kg	5.5 kg
Supplied Accessories	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-699DV) x 1	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-657DV) x 1	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-655DV) x 1

*[1]*Channels are measured separately.* *[2]*Calculated on basis of IHF Dynamic headroom.*

SPECIFICATIONS

Integrated Amplifiers	A-9755	A-9555	A-9355
Power Output*1 (4 Ω, 1 kHz, JEITA)	300 W/Ch	200 W/Ch	85 W/Ch
THD (1 kHz)	0.08 %	0.08 %	0.08 %
Damping Factor (8 Ω, 1 kHz)	25	25	60
Sensitivity and Impedance			
Phono MM	2.5 mV (50 kΩ)	2.5 mV (50 kΩ)	2.5 mV (50 kΩ)
CD, Tuner, Tape	200 mV (50 kΩ)	200 mV (50 kΩ)	200 mV (50 kΩ)
Rec Out	200 mV (2.2 kΩ)	200 mV (2.2 kΩ)	200 mV (2.2 kΩ)
Tone Controls			
Bass	± 10 dB at 100 Hz	± 10 dB at 100 Hz	± 10 dB at 100 Hz
Treble	± 10 dB at 20 kHz	± 10 dB at 20 kHz	± 10 dB at 10 kHz
Loudness	+ 10 dB at 50 Hz/ + 2 dB at 10 kHz	+ 10 dB at 50 Hz/ + 2 dB at 10 kHz	+ 8 dB at 100 Hz/ + 4 dB at 10 kHz
Frequency Response	10 Hz–60 kHz (+ 1 dB, - 3 dB)	10 Hz–60 kHz (+ 1 dB, - 3 dB)	10 Hz–60 kHz (+ 1 dB, - 3 dB)
S/N Ratio (IHF-A)			
Phono MM	70 dB	70 dB	70 dB
CD	100 dB	100 dB	100 dB
Phono Overload (MM 1 kHz 0.5%)	70 mV	70 mV	70 mV
Dimensions (W x H x D)	435 x 144 x 431 mm	435 x 148 x 431 mm	435 x 124 x 344 mm
Weight	17.6 kg	13.0 kg	7.3 kg

CD Players	DX-7555	DX-7355	DX-C390
Frequency Response	2 Hz–20 kHz	4 Hz–20 kHz	5 Hz–20 kHz
S/N Ratio	111 dB	106 dB	98 dB
Dynamic Range	100 dB	100 dB	96 dB
THD (1 kHz)	0.0027 %	0.0029 %	0.005 %
Wow and Flutter	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
Dimensions (W x H x D)	435 x 111 x 405 mm	435 x 81 x 315 mm	435 x 131 x 432 mm
Weight	8.0 kg	4.4 kg	6.9 kg

Home Theatre Systems	HT-SR800	HT-SR600	HT-S680
Amplifier Section			
Power Output*1 (8 Ω, 1 kHz, FTC)	110 W/Ch	105 W/Ch (6 Ω)	100 W/Ch
Power Output*1 (8 Ω, 1 kHz, JEITA)	130 W/Ch	120 W/Ch (6 Ω)	120 W/Ch
Dynamic Power*2 4 Ω/8 Ω (Front)	170 W/Ch/120 W/Ch	140 W/Ch/95 W/Ch	155 W/Ch/105 W/Ch
THD (Rated Power)	0.08 % (All channels)	0.9 %	0.08 % (All channels)
Frequency Response	5 Hz–100 kHz (+ 1 dB, - 3 dB)	10 Hz–50 kHz (+ 1 dB, - 3 dB)	10 Hz–100 kHz (+ 1 dB, - 3 dB)
Damping Factor (8 Ω)	60	60	60
S/N Ratio	100 dB (IHF-A)	100 dB (Line, IHF-A)	100 dB (IHF-A)
Tone Control			
Bass Treble	± 10 dB at 80 Hz/ ± 10 dB at 20 kHz	± 10 dB at 80 Hz/ ± 10 dB at 20 kHz	± 10 dB at 50 Hz/ ± 10 dB at 20 kHz
Tuner Section			
Tuning Range			
FM	87.5 to 108.0 MHz	87.5 to 108.0 MHz	87.5 to 108.0 MHz
AM	530/522 to 1710/1611 kHz	530/522 to 1710/1611 kHz	530/522 to 1710/1611 kHz
Usable Sensitivity			
FM Mono	15.2 dBf, 1.0 µV (75 Ω IHF)	15.2 dBf, 1.0 µV (75 Ω IHF)	11.2 dBf, 1.0 µV (75 Ω IHF)
FM Stereo	22.2 dBf, 2.0 µV (75 Ω IHF)	22.2 dBf, 2.0 µV (75 Ω IHF)	17.2 dBf, 2.0 µV (75 Ω IHF)
AM	300 µV/m	300 µV/m	30 µV
S/N Ratio			
FM Mono/FM Stereo/AM	73 dB (IHF-A)/67 dB (IHF-A)/ 40 dB	73 dB (IHF-A)/67 dB (IHF-A)/ 40 dB	76 dB (IHF-A)/70 dB (IHF-A)/ 40 dB
THD			
FM Mono/FM Stereo/AM	0.3 %/0.5 %/0.7 %	0.3 %/0.5 %/0.7 %	0.2 %/0.3 %/0.7 %
FM Stereo Separation	40 dB at 1 kHz	40 dB at 1 kHz	45 dB at 1 kHz
General			
Dimensions (W x H x D)	435 x 151 x 377 mm	435 x 150 x 369 mm	435 x 150 x 369 mm
Weight	10.2 kg	9.6 kg	9.6 kg

Home Style Components	DR-S501
Receiver Section	
Amplifier Section	
Power Output*1 (6 Ω, 1 kHz, JEITA)	50 W/Ch
THD (Rated Power/1 W Output)	0.9 %/0.08 %
Frequency Response	10 Hz–100 kHz (± 3 dB)
S/N Ratio	100 dB (IHF-A)
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
DVD/CD Section	
Signal Readout System	Optical non-contact
Linear Velocity	
Single Layer/Dual Layer	3.49 m/s/3.84 m/s
Frequency Range (Digital Audio)	
DVD-Audio	4 Hz–88 kHz (192 kHz)
DVD Linear Sound	4 Hz–44 kHz (96 kHz), 4 Hz–22 kHz (48 kHz)
Audio CD	4 Hz–20 kHz (44.1 kHz)
Wow and Flutter	Below threshold of measurability
Composite Video Output	1.0 V p-p, 75 Ω, negative sync.
Component Video Output	(Y) 1.0 V p-p, 75 Ω, (PB)/(PR) 0.7 V p-p, 75 Ω
General	
Power Consumption	115 W
Dimensions (W x H x D)	435 x 90 x 415 mm
Weight	8.6 kg
Supplied Accessories	Video cable x 1, Remote control (RC-704S) x 1

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IMAGINATIVE SIGHT & SOUND

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