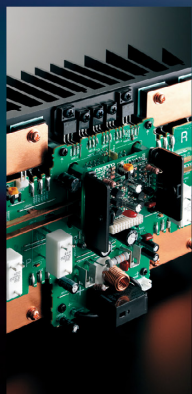
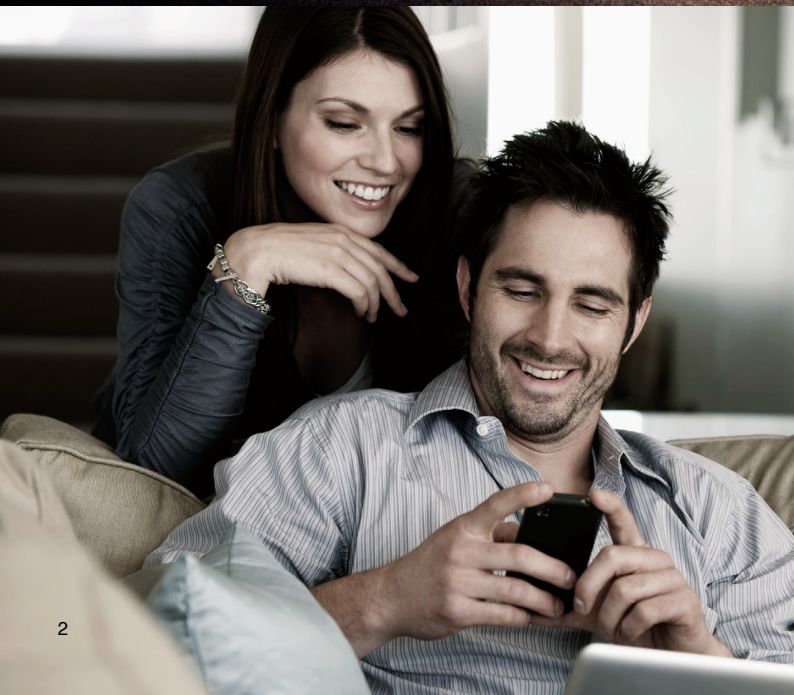




## Liberate Your Entertainment







## Time for Living

If art is life, our A/V products make sure you're living well by breathing new energy and vitality into your favorite performances. Until the last note fades and the credits roll, you may forget they're even there. There are no distractions to break the spell. To ensure this kind of transparent performance, every mid-range and high-end A/V receiver we make is THX® certified, having passed more than 2000 bench tests for cinema-like sound. We include more HDMI® connections than any other brand, and make it easier for you to stream content from online services, PC, smart phone, and tablet. To share the magic throughout your home, we've sourced the best technology to join our own advanced amplification techniques. And we sweat every detail on every product—from our entry-level home cinema packages right up to the stunning TX-NR5010 flagship—for exhilarating performance every time. Life is short, after all. It's time to start living.



# Core Technology

## High-Precision Audiophile Build

Our high-end models feature a massive toroidal transformer, with separate transformers for audio and video processing. From the mid range and up, the power amp and pre-amp are isolated to minimize interference. Rigid anti-resonant chassis and separate side and front panels are used on our most powerful model, as are gold-plated inputs, outputs, and speaker posts.



## HDMI® for Seamless HD Entertainment

Our A/V receivers feature more HDMI inputs than ever to accept all of your HD sources. HDMI enables decoding of Dolby® TrueHD and DTS-HD Master Audio™. It also supports 3D video playback, and powers our user-friendly GUI.



## InstaPrevue™ Technology

The latest Onkyo network receivers feature InstaPrevue™ technology, which displays a series of video thumbnails instead of HDMI port numbers. You can now preview connected content at a glance, and choose an HDMI source far more easily.



## Connect Your Smart Phone with MHL™

Selected 2012 models also feature a front-panel HDMI/MHL port for 1080p display of media stored on compatible smart phone, with up to 7.1 channels of surround sound.



## Enjoy Online Audio with Hi-Fi Sound

Whether you're an occasional listener or a passionate music fan, Onkyo's DLNA-certified network receivers connect you to a world of online audio content. Explore internet radio, stream music, and access libraries stored on PC.

Note: Availability of internet radio and music streaming services depends on region. Some services may require a firmware update.



## THX® is a Trusted Performance Guarantee

To achieve THX® Ultra2 Plus™ or THX® Select2 Plus™ certification, Onkyo's mid-range and high-end A/V receivers are rigorously and independently tested.



## World-Beating Picture Quality

Selected receivers feature the HQV® VIDA™ VHD1900 processor, upscaling lower-quality video sources to breathtaking 1080p. Marvell's Qdeo™ technology upscales all video up to 4K with a compatible display, while an ISF input calibration system dramatically improves display performance.



## Tailored to Your Unique Listening Space

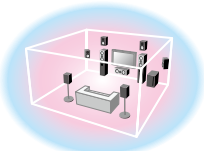
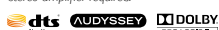
Audyssey's MultEQ® XT32 and 2EQ® acoustic correction systems equalize the sound to suit your room shape, guaranteeing the best performance from your home cinema.



## More Realistic Surround Sound

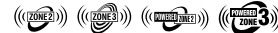
DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz expand audio sources to deliver up to 11 channels of surround sound on selected Onkyo receivers\*. Front Wide or Front Height channels carry directional effects or add a vertical dimension to your movie and game soundtracks.

\*11-channel upmixing supported on TX-NR5010 and TX-NR3010. Additional stereo amplifier required.



## Smooth and Easy Housewide Integration

Integrated household entertainment is now a reality, with Onkyo A/V receivers able to distribute and power audio in up to three separate rooms of your home. And with our top-end models, you have the added advantage of HD video in a second room.



## WRAT (Wide Range Amplifier Technology)

WRAT is a circuit topology that reduces distortion across the frequency range. Each circuit has a separate link to the power supply to cancel electrical noise, while high instantaneous current capability ensures a sustained, stable supply of power. Our amps also feature discrete, high-quality output-stage components.

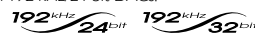


## Three-Stage Inverted Darlington Circuitry

Found on mid-range models and up, this advanced amplification circuit incorporates a low negative feedback design to remove distortion and preserve the natural life and character of audio signals.

## Digital-to-Analog Conversion Stage

Our flagship model employs 192 kHz/32-bit Burr-Brown DACs to achieve the best dynamic performance and better tolerance to clock jitter. All other models are graced with high-performance Burr-Brown 192 kHz/24-bit DACs.



## VLSC™ (Vector Linear Shaping Circuitry)

In addition to quality DACs, VLSC employs a unique digital-to-analog conversion circuit to further mitigate the effects of signal noise. Our technology produces a pristine analog signal based on the digital source.



## Hybrid Standby Saves Energy and Money

Hybrid Standby mode provides 'HDMI through' functionality while the network A/V receiver is powered down. Now you have the option of using your game console or Blu-ray player without having to turn on your home cinema. You can also power up using Onkyo Remote Apps for iPhone and Android phone.



## Four Thrilling Audio Modes for Gamers

Experience stunning realism and impact with four gaming modes—Rock, Sports, Action, or Role Playing Game (RPG)—optimizing the surround sound to help you get the most from your favorite games.

## Overlaid OSD for Stress-Free Operation

At the touch of a button, easy-to-navigate menus appear overlaid on screen. The HDMI-enabled Graphical User Interface gives instant access to home cinema settings, guiding you through the initial set-up, and making in-program adjustments quick and easy.



## Plug and Play with Extra USB Connections

Most Onkyo receivers feature a front-panel USB port for iPod and iPhone. The connection carries audio signals to the receiver's DACs in digital format. This results in superior sound quality. Selected receivers also feature a rear-side USB port for our optional wireless LAN adapter.



## Wireless-Ready with USB Adapter

The optional UWF-I Wireless LAN Adapter lets you integrate your music life without unsightly wires. Simply plug it into your network receiver's USB and enjoy smooth wireless access to the local network.



## Stream Direct From Your Handset or Tablet

Onkyo's UBT-I Bluetooth USB Adapter (sold separately) lets you stream music from compatible devices—such as cellphones, laptops, and tablets—with aptX® coding technology delivering truly outstanding wireless audio quality.



## TX-NR5010

9.2-Channel Network A/V Receiver



BLACK SILVER



## Tradition Meets Technology in Our Stunning Flagship Model

- 220 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Ultra2 Plus™ Certified
- 9 HDMI® Inputs (1 Front/8 Rear) and 2 Outputs • Massive Toroidal Transformer and Two Separate Transformers for Audio and Video Processing • Anti-Vibration Construction with Separate Aluminum Side Panels • 7 x TI Burr-Brown 192 kHz/32-Bit DACs • VLSC™ (Vector Linear Shaping Circuitry) • High-Quality HQV® Vida™ VHD1900 Video Processor • DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*1 • Supports Onkyo Remote Apps\*2 • Zone 2 HDMI Output for HD Video in a Second Room • Gold-Plated HDMI, A/V, and Speaker Terminals



## TX-NR3010

9.2-Channel Network A/V Receiver



BLACK SILVER



## Explore the Possibilities of Nine-Channel Entertainment

- 200 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Ultra2 Plus™ Certified
- 9 HDMI® Inputs (1 Front/8 Rear) and 2 Outputs • Multi-Transformer for Audio, Video, and Digital Processing • 7 x TI Burr-Brown 192 kHz/24-Bit DACs • VLSC™ (Vector Linear Shaping Circuitry) • High-Quality HQV® Vida™ VHD1900 Video Processor • DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*1 • Supports Onkyo Remote Apps\*2 • Differential DAC Mode to Double Processing Power for up to 5.1 Channels • Zone 2 HDMI Output for HD Video in a Second Room • 11.4 Multichannel Pre-Outs



## PR-SC5509

9.2-Channel Network A/V Controller



BLACK



## The Pinnacle of Processing Performance

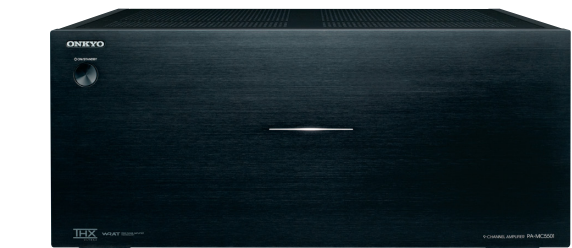
- THX® Ultra2 Plus™ Certified • 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs
- Massive Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- Separate Anti-Vibration Aluminum Panels for Front and Sides • 6 x TI Burr-Brown 192 kHz/32-Bit DACs • VLSC™ (Vector Linear Shaping Circuitry) • High-Quality HQV® Vida™ VHD1900 Video Processor • ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance • DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels • Gold-Plated XLR Terminals



## PA-MC5501

9-Channel Amplifier

BLACK



## We Know the Value of Good, Clean Power

- 220 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Ultra2™ Certified
- Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry
- Massive Toroidal Transformer • Two Large, Customized, 22,000  $\mu$ F Capacitors for Effective Power Supply • Large, Custom-Designed Power Transistors to Drive High Currents
- Flat, High-Rigidity, Anti-Resonant Chassis • Bi-Amping Capability\* • Multi-Zone Capability (up to Zone 3)\* • Gold-Plated XLR Inputs • Gold-Plated, Color-Coded, Banana Plug-Compatible, Transparent Speaker Posts

\*Depending on A/V Controller





## TX-NR1010

7.2-Channel Network A/V Receiver

BLACK SILVER



### The Ultimate Seven-Channel Home Cinema Solution

- 200 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Ultra2 Plus™ Certified
- 9 HDMI® Inputs (1 Front/8 Rear) and 2 Outputs • High-Quality HQV® VIDA™ VHD1900 Video Processor • ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance • VLSC™ (Vector Linear Shaping Circuitry) • DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*1 • Supports Onkyo Remote Apps\*2 • Audyssey MultEQ® XT32 for Room Acoustic Correction • Zone 2 HDMI Output for HD Video in a Second Room • Machined Solid Brass, 19 mm-Pitch Audio Inputs (Phono and TV/CD)



## TX-NR818

7.2-Channel Network A/V Receiver

BLACK SILVER



### High-End Home Cinema Performance Starts Here

- 180 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Select2 Plus™ Certified
- 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs • Isolated Power Amp and Pre-Amp Block • High-Quality HQV® VIDA™ VHD1900 Video Processor • Input Source Preview with InstaPrevue™ Technology • ISF (Imaging Science Foundation) Video Calibration for Optimal Video Performance • DTS Neo:X™, Audyssey DSX®, and Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*1 • Supports Onkyo Remote Apps\*2 • Audyssey MultEQ® XT32 for Room Acoustic Correction • Digital Processing Crossover Network to Cancel Crossover Interference



## TX-NR717

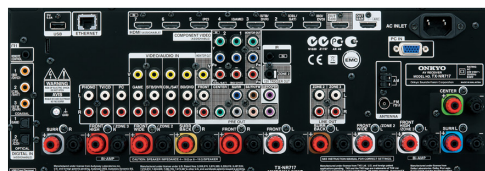
7.2-Channel Network A/V Receiver

BLACK SILVER



### Exhilarating Entertainment for Your Whole Home

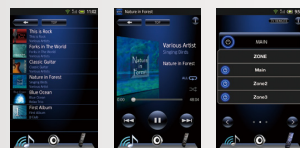
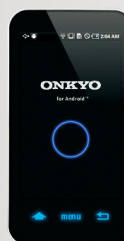
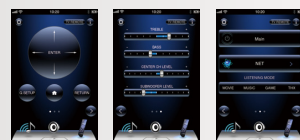
- 170 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Select2 Plus™ Certified
- 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell • MHL™ (Mobile High-Definition Link) for Smart Phone Content on HDTV • Input Source Preview with InstaPrevue™ Technology • Audyssey DSX® and Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*1 • Supports Onkyo Remote Apps\*2 • Audyssey 2EQ® for Room Acoustic Correction • PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology • 7.2 Multichannel Pre-Outs • Bi-Amping Capability • Analog RGB Video Input (D-sub, 15 pin) for PC



### Onkyo Remote Apps for iPhone and Android Phone

Onkyo Remote Apps for iPod touch/iPhone and Android phone offer a more visual approach to controlling your home cinema. You can choose an input source or adjust settings, control playback in multiple zones around the home, and even stream music directly with our intuitive GUI.

For compatible models, please refer to the Onkyo website.



## TX-NR616

7.2-Channel Network A/V Receiver

BLACK | SILVER



## Revitalize Your Media with THX® Surround Sound

- 160 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • THX® Select2 Plus™ Certified
- 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell • MHL™ (Mobile High-Definition Link) for Smart Phone Content on HDTV
- Input Source Preview with InstaPrevue™ Technology • Audyssey DSX®\* and Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*<sup>1</sup> • Supports Onkyo Remote Apps for iPod touch/iPhone and Android Phone\*<sup>2</sup> • Audyssey 2EQ® for Room Acoustic Correction
- Three-Stage Inverted Darlington Circuitry • Hybrid Standby Function to Reduce Power Consumption • \*Front High channels only.



Microphone for Audyssey

## TX-NR414

5.1-Channel Network A/V Receiver

BLACK | SILVER



## Experience a New World of Online Content

- 130 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • 6 HDMI® Inputs and 1 Output
- Input Source Preview with InstaPrevue™ Technology • Internet Radio and Music Streaming Service Connectivity\*<sup>1</sup> • Supports Onkyo Remote Apps for iPod touch/iPhone and Android Phone\*<sup>2</sup> • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • Hybrid Standby Function to Reduce Power Consumption • Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu • Firmware Updates via Ethernet and USB • Preprogrammed RI Remote Control

## BD-SP809 Blu-ray Disc Player

BLACK | SILVER



## THX® Blu-ray Player Enhances Your Content

- THX® Certified • Supports Blu-ray 3D Playback • 2 HDMI® Outputs Support 3D, 1080p, DeepColor™, x.v.Color™, and CEC • 1080p Upscaling of Standard Video Sources (1080i, 720p, and 576i/p) with Qdeo™ Technology by Marvell • Precision Clock for Optimal Timing of Digital Signals • Ethernet Port for BD-Live, Firmware Updates, and Media Streaming via Home Network • USB Port for Media Content • Plays AVCHD, DivX HD, MP3, WMA, and JPEG Formats • Independent Circuit Blocks for Audio, Digital Video, and Analog Video to Reduce Electromagnetic Interference • Center-Mounted Drive Mechanism for Optimal Weight Balance

## TX-NR515

7.2-Channel Network A/V Receiver

BLACK | SILVER



## A New Dimension to Music, Movies, and Games

- 130 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • 8 HDMI® Inputs (1 Front/7 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell • MHL™ (Mobile High-Definition Link) for Smart Phone Content on HDTV
- Input Source Preview with InstaPrevue™ Technology • Dolby® Pro Logic® IIz for Expanded Surround Channels • Internet Radio and Music Streaming Service Connectivity\*<sup>1</sup> • Supports Onkyo Remote Apps for iPod touch/iPhone and Android Phone\*<sup>2</sup> • Audyssey 2EQ® for Room Acoustic Correction
- 2 USB Ports (1 Front/1 Rear) • Hybrid Standby Function to Reduce Power Consumption • Independent Crossover Adjustment for Each Channel



Microphone for Audyssey

## TX-SR313

5.1-Channel Home Cinema Receiver

BLACK | SILVER



## An Affordable Blend of Features and Performance

- 100 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • 4 HDMI® Inputs and 1 Output
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • WRAT (Wide Range Amplifier Technology)
- Discrete Output Stage Circuitry • Overlaid On-Screen Display (OSD) via HDMI
- TI Burr-Brown 192 kHz/24-Bit DAC for All Channels • 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG • Advanced Music Optimizer for Compressed Digital Music Files

## BD-SP309 Blu-ray Disc Player

BLACK | SILVER



## Affordable 3D Blu-ray Player Adds Home Networking

- Supports Blu-ray 3D Playback • HDMI® Output Supports 3D, 1080p, DeepColor™, x.v.Color™ (JPEG Only), and CEC • Dolby® TrueHD and Dolby® Digital Plus Decoding
- Supports DTS-HD Master Audio™ Essential • 1080p Upscaling of Standard Video Sources (1080i, 720p, and 576i/p) • 1080/24p Video Output for Full-HD Movies • Ethernet Port for BD-Live, Firmware Updates, and Media Streaming via Home Network • 2 USB Ports (Front/Rear) for Media Content • Plays AVCHD, DivX Plus™ HD (MKV), MP3, and JPEG Formats
- BD-Live Functionality for Interactive Content • On-Screen Display for Settings and Playback



## HT-S9405THX

5.1-Channel Network A/V Receiver/Speaker Package

BLACK



## HT-R990 7.1-Channel Network A/V Receiver

- 130 W/Ch (6  $\Omega$ , 1 kHz, 1% THD, 1 Channel Driven, IEC) • THX® I/S Plus™ Certified
- 4 HDMI® Inputs and 1 Output • HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • Internet Radio and Music Streaming Service Connectivity\*<sup>1</sup> • Supports Onkyo Remote Apps for iPod touch/iPhone and Android Phone\*<sup>2</sup> • Dolby® Pro Logic® IIz for Expanded Surround Channels • Universal Port for Onkyo Peripheral Devices
- WHD: 435 x 173.5 x 328 mm • 9.3 kg

## HTP-948 5.1-Channel Home Cinema Speaker System

**SKF-980** 2-Way Acoustic-Suspension Front Speakers  
• WHD: 158 x 433 x 199 mm • 5.3 kg

**SKC-980** 2-Way Acoustic-Suspension Center Speaker  
• WHD: 433 x 158 x 199 mm • 5.3 kg

**SKR-980** 2-Way Acoustic-Suspension Surround Speakers  
• WHD: 200 x 275 x 169 mm • 3.5 kg

**SKW-938** Acoustic-Suspension Powered Subwoofer  
• WHD: 380 x 444 x 429 mm • 15.5 kg



## HT-S6505

5.1-Channel Network A/V Receiver/Speaker Package

BLACK



## HT-R758 5.1-Channel Network A/V Receiver

- 130 W/Ch (6  $\Omega$ , 1 kHz, 1% THD, 1 Channel Driven, IEC) • 6 HDMI® Inputs and 1 Output
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding • Input Source Preview with InstaPrevue™ Technology • Internet Radio and Music Streaming Service Connectivity\*<sup>1</sup>
- Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • Supports Onkyo Remote Apps for iPod touch/iPhone and Android Phone\*<sup>2</sup> • Audyssey 2EQ® for Room Acoustic Correction • Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu • Hybrid Standby Function to Reduce Power Consumption
- WHD: 435 x 173.5 x 328 mm • 9.0 kg

## HTP-658 5.1-Channel Home Cinema Speaker System

**SKF-558** Full-Range Bass Reflex Front Speakers  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKC-391** Full-Range Bass Reflex Center Speaker  
• WHD: 240 x 102 x 121 mm • 0.8 kg

**SKR-558** Full-Range Bass Reflex Surround Speakers  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKW-658** Bass Reflex Powered Subwoofer  
• WHD: 230 x 425 x 410 mm • 7.7 kg



## HT-S4505

5.1-Channel Home Cinema Receiver/Speaker Package

BLACK SILVER



## HT-R558 5.1-Channel Home Cinema Receiver

- 100 W/Ch (6  $\Omega$ , 1 kHz, 1% THD, 1 Channel Driven, IEC) • 4 HDMI® Inputs and 1 Output
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • WRAT (Wide Range Amplifier Technology) • Discrete Output Stage Circuitry • Overlaid On-Screen Display (OSD) via HDMI • WHD: 435 x 150 x 318 mm • 7.8 kg

## HTP-558 5.1-Channel Home Cinema Speaker System

**SKF-558** Full-Range Bass Reflex Front Speakers  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKC-391** Full-Range Bass Reflex Center Speaker  
• WHD: 240 x 102 x 121 mm • 0.8 kg

**SKR-558** Full-Range Bass Reflex Surround Speakers  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKW-558** Bass Reflex Powered Subwoofer  
• WHD: 211 x 425 x 391 mm • 6.1 kg



## HT-S3505

5.1-Channel Home Cinema Receiver/Speaker Package

BLACK



## HT-R358 5.1-Channel Home Cinema Receiver

- 100 W/Ch (6  $\Omega$ , 1 kHz, 1% THD, 1 Channel Driven, IEC) • 4 HDMI® Inputs and 1 Output
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding • Universal Port for Onkyo Peripheral Devices • WRAT (Wide Range Amplifier Technology) • Overlaid On-Screen Display (OSD) via HDMI • Super EX.Bass for Deeper, More Dynamic Bass • WHD: 435 x 150 x 318 mm • 7.6 kg

## HTP-358 5.1-Channel Home Cinema Speaker System

**SKF-558** Full-Range Bass Reflex Front Speakers  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKC-391** Full-Range Bass Reflex Center Speaker  
• WHD: 240 x 102 x 121 mm • 0.8 kg

**SKR-558** Full-Range Bass Reflex Surround Speakers  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKW-358** Bass Reflex Subwoofer • WHD: 211 x 425 x 381 mm • 5.5 kg

## HTX-22HDX

Ultra-Compact HD Home Cinema System

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## HTX-22HDXPAW 5.1-Channel Amplifier with Built-in Subwoofer

- 25 W/Ch (FL/FR/C/S/L/SR) at 6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC; 50 W (Subwoofer) at 3  $\Omega$ , 100 Hz, 1%, 1 Channel Driven, IEC • Audio and 1080p Video Processing via HDMI® (3 Inputs and 1 Output) • Dolby® TrueHD, DTS-HD Master Audio™, Dolby® Digital Plus, DTS-HD High-Resolution Audio™ Decoding • VLSC™ (Vector Linear Shaping Circuitry) for Front L/R Channels • Burr-Brown 192 kHz/24-Bit DACs (PCM1690) for All Channels
- Jitter-Cleaning Circuit Technology • Overlaid On-Screen Display (OSD) via HDMI • EX.Bass for Deeper, More Dynamic Bass • 4 DSP Modes for Gaming®: Rock, Sports, Action, and RPG • Theater-Dimensional Virtual Surround Function • Music Optimizer™ for Compressed Digital Music Files • 16 cm Cone • WHD: 217 x 337 x 310 mm • 9.5 kg
- \* Available only in 5.1-channel speaker configuration.

## HTX-22HDXST Full-Range Bass Reflex Speakers

- 8 cm Cone • Max. Input Power: 40 W • Magnetically Shielded • Gloss Finished
- WHD: 101 x 161 x 111 mm • 0.8 kg

## SKS-22X

Full-Range Bass Reflex Center/Surround Speaker Package

- 8 cm Cone • Max. Input Power: 40 W
- WHD: 230 x 102 x 113 mm • 0.9 kg (Center Speaker) • WHD: 101 x 161 x 111 mm • 0.8 kg (Surround Speakers)







**ILUNAR**

**RBX-500**

Dock Music System

WHITE BLACK

Bluetooth sonic emotion

Made for iPod iPhone



### Fill Up Your Room with 3D Sound

- 5 W x 6 Channels (4  $\Omega$ , THD+N: 1% or Less, 6.1 Channels Driven) • Subwoofer: 10 W (4  $\Omega$ , THD+N: 1% or Less, 6.1 Channels Driven) • Sonic Emotion Absolute 3D Sound Technology
- iPod/iPhone Digital Audio Connection and Power Recharging Dock • Bluetooth Wireless Audio Playback (Version 2.1 + EDR) • 6 x Full-Range 5 cm Drivers • Powerful 10 cm Down-Firing Subwoofer • Supports AAC Codec for Bluetooth Technology • Power Recharging via USB for Compatible Tablet and Smart Phone (5 V/2.1 A) • WHD: 220 x 230 x 220 mm • 3.4 kg

iPod/iPhone Dock Compatible Models: iPhone (iPhone 4S, iPhone 4, iPhone 3GS, iPhone 3G, iPhone), iPod touch (1st, 2nd, 3rd, and 4th Generation), iPod classic, iPod nano (3rd, 4th, 5th, and 6th Generation)



## Love Your Music, Love Your Life

Download. Stream. Share. The way we access music might have changed, but the thrill of hearing it on a quality sound system remains one of life's greatest pleasures. Our lineup of personal audio products makes it easy to locate your digital music—whether it's on a PC, tablet, smart phone, or Spotify playlist—and unleash it in all its glory via DLNA, AirPlay, or Bluetooth technology. Naturally, these wireless features complement existing hardwired options including USB port, iPod/iPhone charging dock, and front-loading CD player. Whichever way you play it, your music always sounds better on an Onkyo. This year, for example, selected components feature the same Three-Stage Inverted Darlington Circuit technology that drives our Reference Series amplifiers, while the new RBX-500 boasts Sonic Emotion technology to generate spectacular 3D sound. So for audio that's bursting with life and vitality—and designs with a dash of cool—make your next compact system an Onkyo.



## LS3100

Living Speaker System

BLACK



EnvisionCinema

## Convenience and Style in a Great-Sounding Package

### LAP-301 2.1-Channel Control Center

- Preset Remote Control Code for Most TV Brands and Learning Capability
- Auto Power On/Standby with TV
- Clear, Room-Filling Sound Reproduction with SRS Technology
- Vocal Mode for Clearer Voice Reproduction
- Bluetooth Wireless Audio Playback (Version 2.1 + EDR)
- 2 Digital Audio Inputs (Optical and Coaxial)
- WHD: 187 x 32 x 120 mm • 0.3 kg

### SLM-301

Full-Range Acoustic Suspension Speakers

- 6.5 cm Cones x 2
- Detachable Speaker Stands for Greater Mounting Flexibility
- Wall Mountable
- WHD: 169 x 78 x 108 mm (Horizontal), 169 x 111 x 133 mm (Horizontal, with Stand) • 0.7 kg

### SLW-301 Wireless Subwoofer

- Wireless Playback with LAP-301
- Powered Bass Reflex Design
- 16 cm Cone
- Max. Output Power: 50 W
- WHD: 261 x 337 x 269 mm • 5.8 kg

## CS-N755

Network Hi-Fi Mini System

SILVER BLACK SILVER WOOD BLACK BLACK



### CR-N755 Network CD Receiver

- 22 W/Ch (4  $\Omega$ , 1 kHz, 0.4% THD, 2 Channels Driven, IEC)
- Plays Audio CD, CD-R, and CD-RW
- Internet Radio and Music Streaming Service Connectivity\*1
- Supports Onkyo Remote Apps\*2
- Front-Panel USB Port for iPod/iPhone or Flash Memory Device
- Three-Stage Inverted Darlington Circuitry
- Symmetrical Power Amplifier Circuit Design
- WRAT (Wide Range Amplifier Technology)
- VLSC™ (Vector Linear Shaping Circuitry)
- Short Signal Paths Between Amplifier and Power Supply Stage
- Phase-Matching Bass Boost
- Digital Audio Inputs (Optical and Coaxial)
- Compatible with Optional UWF-1 Wireless LAN Adapter and UBT-1 Bluetooth USB Adapter
- WHD: 215 x 119 x 331 mm • 4.8 kg

### D-055 2-Way Bass Reflex Speakers

- 12 cm N-OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- Center-Mounted Equalizer on Woofer for Clear Vocal Sound
- WHD: 154 x 254 x 258 mm • 3.6 kg

## CS-555

CD Hi-Fi Mini System

SILVER BLACK SILVER WOOD BLACK BLACK



### CR-555 CD Receiver

- 22 W/Ch (4  $\Omega$ , 1 kHz, 0.4% THD, 2 Channels Driven, IEC)
- Plays Audio CD, CD-R, and CD-RW
- Three-Stage Inverted Darlington Circuitry
- Symmetrical Power Amplifier Circuit Design
- WRAT (Wide Range Amplifier Technology)
- VLSC™ (Vector Linear Shaping Circuitry)
- Short Signal Paths Between Amplifier and Power Supply Stage
- Phase-Matching Bass Boost
- Wolfson® 192 kHz/24-Bit Audio DAC (WM8718)
- Front-Panel USB Port for iPod/iPhone or Flash Memory Device
- Digital Audio Inputs (Optical and Coaxial)
- Subwoofer Pre-Out
- WHD: 215 x 119 x 331 mm • 4.8 kg

### D-055 2-Way Bass Reflex Speakers

- 12 cm N-OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- Center-Mounted Equalizer on Woofer for Clear Vocal Sound
- WHD: 154 x 254 x 258 mm • 3.6 kg

### CS-555DAB

CD Hi-Fi Mini System with Built-in DAB+ Tuner

- CR-555DAB CD Receiver
- D-055 Speakers

## CS-1045

CD Hi-Fi Mini System

SILVER BLACK



### R-1045 Stereo Receiver

- 70 W/Ch (4  $\Omega$ , 1 kHz, 1 Channel Driven, IEC)
- Massive Power Transformer
- VLSC™ (Vector Linear Shaping Circuitry)
- Burr-Brown 192 kHz/24-Bit DAC (PCM1796)
- Direct Digital Connection of iPod/iPhone via USB
- Digital Audio Inputs (Optical and Coaxial)
- Subwoofer Pre-Out
- WHD: 275 x 83 x 311 mm • 5.7 kg

### C-1045 CD Player

- Plays Audio CD, CD-R, and CD-RW
- Plays MP3 and WMA Formats
- Wolfson® Stereo DAC (WM8718)
- WHD: 275 x 83 x 282 mm • 3.4 kg

### D-145 2-Way Bass Reflex Speakers

- 12 cm OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- Center-Mounted Equalizer on Woofer
- V-Line Edge and High-Linearity Damper
- WHD: 170 x 283 x 230 mm • 3.7 kg

### PHA-1045

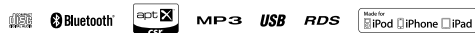
CD Mini Hi-Fi Components

- R-1045 Stereo Receiver
- C-1045 CD Player (See above)

## CS-245BT

CD Hi-Fi Mini System with Bluetooth

WHITE BLACK



### CR-245BT CD Receiver

- 15 W/Ch (6  $\Omega$ , 1 kHz, 2 Channels Driven, IEC)
- Plays Audio CD, MP3 CD, CD-R, CD-RW
- Bluetooth Wireless Audio Playback (Version 2.1 + EDR)
- Front-Panel USB Port for iPod/iPhone/iPad or Flash Memory Device
- FM Tuning with 30 Presets
- Active Bass Control
- Super Bass Function
- Subwoofer Pre-Out
- WHD: 215 x 100 x 270 mm • 2.4 kg

### D-T05 2-Way Bass Reflex Speakers

- 10 cm Cone Woofer
- 2.0 cm Balanced-Dome Tweeter
- Magnetically Shielded
- Stylish Cabinet
- WHD: 130 x 210 x 172 mm • 1.6 kg

colibrino

### CS-245DAB

CD Hi-Fi Mini System with Built-In DAB+ Tuner

BLACK WHITE



### CS-245

CD Hi-Fi Mini System

WHITE BLACK BROWN RED GREEN



colibrino



colibrino



## ABX-N300

Wireless Music System

BLACK



- 10 W/Ch (6  $\Omega$ , 1 kHz, 1% THD)
- iPod/iPhone Audio Connection and Power Recharging
- Network Capability via Ethernet and Wi-Fi
- Internet Radio Connectivity
- Works with AirPlay for iPod touch/iPhone/iPad
- 3-Mode Ambient Underside Illumination (Normal/Dim/Off)
- Touch Sensor Buttons
- Graphical 128 x 64-Dot LCD Display
- Active Bass Control
- 6 cm Full-Range Bass-Reflex Speakers
- 3.5 mm Analog Audio Input
- WHD: 430 x 131 x 148 mm • 2.6 kg

iPod/iPhone Dock Compatible Models: iPhone (iPhone 4, iPhone 3GS, iPhone 3G, iPhone), iPod touch (1st, 2nd, 3rd, and 4th Generation), iPod classic, iPod nano (2nd, 3rd, 4th, 5th, and 6th Generation)

## SBX-200

Dock Music System

BLACK



- 20 W/Ch (6  $\Omega$ , 1 kHz, 2 Channels Driven, IEC)
- iPod/iPhone/iPad Digital Audio Connection and Power Recharging\*3
- Bluetooth Wireless Audio Playback (Version 2.1 + EDR)
- Supports Onkyo SBX Remote App for iPod touch/iPhone/iPad\*4
- Super Bass Function
- Active Bass Control
- 10.5 cm Full-Range Bass-Reflex Speakers
- 3.5 mm Analog Audio Input
- WHD: 450 x 176 x 131 mm • 3.5 kg

iPod/iPhone/iPad Dock Compatible Models: iPad 2, and iPad, iPhone (iPhone 4, iPhone 3GS, iPhone 3G, iPhone), iPod touch (1st, 2nd, 3rd, and 4th Generation), iPod classic, iPod nano (2nd, 3rd, 4th, 5th, and 6th Generation)

\*1 Availability of services depends on region. Some services may require a firmware update. Availability of third-party services advertised here is accurate at the time of printing, but may be subject to change without notice. \*2 Onkyo Remote Apps compatibility: iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. Android phones require Android OS 2.1 or later. \*3 Ability to recharge on Standby Mode depends on iPod/iPhone/iPad model. Please refer to the manual for details. \*4 Onkyo SBX Remote App compatibility: iPod touch (3rd generation or later), iPhone 3GS or later, iPad. All models require iOS 4.2 or later. Android phones require Android OS 2.1 or later. For more details on iPod/iPhone/iPad compatibility, please refer to our website.





## Once More with Feeling

Remember when you first fell in love with a song? The feeling you had as you replayed it for the hundredth time? You felt changed. Things were different. At Onkyo, it's been our goal to create products that move you in that same way, whether you're listening to vinyl or a high-resolution digital recording. We wanted music to sound good again, and our Pure Audio two-channel components are the result. The fact you will hardly notice them—particularly the models that comprise our Reference Series—is some measure of our success. Throughout the range, we've insisted on an extremely tough, high-precision build, while keeping ahead of the technology curve with key features like DIDRC dynamic noise reduction. We didn't hold back, pouring 60-plus years' audio engineering experience and a whole lot of passion into each design. You can hear the difference more or less instantly. In fact, we predict you'll fall in love with your music collection all over again, even before the needle hits the groove.



## P-3000R Preamplifier

SILVER BLACK



DIDRC USB 192 kHz/24-bit RI

- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital/Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Separate Anti-Vibration Aluminum Panels • New Circuit Board Construction to Reduce Vibration • PLL Ultra-Low Jitter Technology • Separate TI Burr-Brown 192 kHz/32-Bit DACs (PCM1795 x 2) for L/R Channels • Independent Headphone Amplifier • Discrete Phono Equalizer (MM) • USB Device (C-Media CM6631) for 192 kHz/32-Bit HD Audio from PC\* • 5 Digital Inputs (Amphenol AES/EBU, 2 Optical, and 2 Coaxial) and 1 Output (Optical) • Separate L/R Bi-Amping-Capable Pre-Outs

\*Playback of PC audio requires dedicated software that can be downloaded from an Onkyo website.

## C-7000R Compact Disc Player

SILVER BLACK



DIDRC 192 kHz/24-bit MP3 WMA

- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital and Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Thermally Regulated High-Precision Clock • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • Separate Anti-Vibration Aluminum Panels • New Circuit Board Construction to Reduce Vibration • PLL Ultra-Low Jitter Technology • Separate TI Burr-Brown 192 kHz/24-Bit DACs (PCM1792 x 2) for L/R Channels • Pure Analog/Digital Mode • 3 Digital Outputs (Amphenol AES/EBU, Optical, and Coaxial)

## M-5000R Power Amplifier

SILVER BLACK



AWRAT DIDRC

- Max. Power: 170 W/Ch (4  $\Omega$ , 1 kHz, 1% THD, 2 Channels Driven, IEC) • AWRAT (Advanced Wide Range Amplifier Technology) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • Symmetrical Layout of L/R Channels • Two Massive Toroidal Transformers with Sub Transformer • Four Large 27,000  $\mu$ F Capacitors • Separate Anti-Vibration Aluminum Panels • New Circuit Board Construction to Reduce Vibration • Balanced XLR Input for Monaural Amplification in BTL Mode • Gold-Plated, Machined Solid Brass RCA Inputs • Gold-Plated Large Speaker Posts

## A-9000R Integrated Stereo Amplifier

SILVER BLACK



AWRAT DIDRC USB 192 kHz/24-bit RI

- 140 W/Ch (4  $\Omega$ , 20 Hz–20 kHz, 0.05% THD, 2 Channels Driven, IEC) • AWRAT (Advanced Wide Range Amplifier Technology) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Anti-Vibration Aluminum Panels • New Circuit Board Construction to Reduce Vibration • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • 192 kHz/24-Bit HD Audio Playback via USB • Separate Wolfson® 192 kHz/24-Bit DACs (WM8742 x 2) for L/R Channels • Four Amplifier Modes (Integrated Amp, Power Amp, Pre-Amp, Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MM/MC) • 4 Digital Inputs (1 Amphenol AES/EBU, 1 Optical, and 2 Coaxial)

## A-9070 Integrated Stereo Amplifier

SILVER BLACK



AWRAT DIDRC 192 kHz/24-bit RI

- 140 W/Ch (4  $\Omega$ , 20 Hz–20 kHz, 0.05% THD, 2 Channels Driven, IEC) • AWRAT (Advanced Wide Range Amplifier Technology) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Parallel Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • 192 kHz/24-Bit HD Audio Playback via Coaxial Inputs • Separate Wolfson® 192 kHz/24-Bit DACs (WM8742 x 2) for L/R Channels • Four Amplifier Modes (Integrated Amp, Power Amp, Pre-Amp, Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MM/MC) • Independent Headphone Amplifier • 3 Digital Inputs (1 Optical and 2 Coaxial)

## A-9050 Integrated Stereo Amplifier

SILVER BLACK



DIDRC WAT PMBASS 192 kHz/24-bit RI

- 75 W/Ch (8  $\Omega$ , 1 kHz, 0.08% THD, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Three-Stage Inverted Darlington Circuitry • WAT (Wide Range Amplifier Technology) • High-Current Low-Impedance Drive • Thick, Low-Impedance Copper Bus Bars • Two 10,000  $\mu$ F Capacitors • Wolfson® 192 kHz/24-Bit DAC (WM8718) • Phase-Matching Bass Boost • Optimum Gain Volume Control • 96 kHz/24-Bit Capable Digital Audio Inputs (1 Optical and 2 Coaxial) • Phono Input (MM) • Audio L/R Pre-Out • Speaker A/B Drive • Gold-Plated RCA Terminals • Gold-Plated, Banana Plug-Compatible Speaker Posts • 1.6 mm Full Flat Chassis

## A-9030 Integrated Stereo Amplifier

SILVER BLACK



WAT PMBASS RI

- 65 W/Ch (8  $\Omega$ , 1 kHz, 0.08% THD, 2 Channels Driven, IEC) • Three-Stage Inverted Darlington Circuitry • WAT (Wide Range Amplifier Technology) • Phase-Matching Bass Boost • High-Current Low-Impedance Drive • Thick, Low-Impedance Copper Bus Bars • Two 8,200  $\mu$ F Capacitors • Optimum Gain Volume Control • 1.6 mm Full Flat Chassis • 5 Analog Audio Inputs and 1 Output • Phono Input (MM) • Subwoofer Pre-Out • Speaker A/B Drive

## T-4030 DAB+/DAB/FM Tuner

SILVER BLACK



VLSC DAB+ Digital Audio Broadcasting RDS RI

- VLSC™ (Vector Linear Shaping Circuitry) • 40 DAB/DAB+ Presets • 40 FM Presets • Digital Audio Outputs (Optical and Coaxial) • FM Digital Output Capability • Wolfson® DAC (WM8718) • FM Mono Mode for Weak Signals • High-Rigidity, Anti-Resonant Chassis to Prevent Vibrations • Audiophile-Grade Capacitor • WHD: 435 x 101.5 x 307 mm • 4.9 kg

## T-4070 Network Tuner **SILVER BLACK**



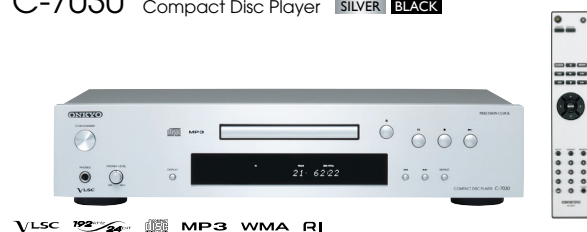
• DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Internet Radio and Music Streaming Connectivity via Ethernet\*1 • Streaming via AirPlay for iPod touch/iPhone/iPad • Separate Wolfson® 192 kHz/24-Bit DACs (WM8742 x 2) for L/R Channels • Direct Digital Connection of iPod/iPhone and Flash Memory Device via Front-Panel USB Port • Supports Onkyo Remote Apps\*2 • FM/AM/DAB+ Tuner • 3 Digital Audio Outputs (Amphenol AES/EBU, Optical, and Coaxial) • WHD: 435 x 100 x 306.7 mm • 5.8 kg

## C-7070 Compact Disc Player **SILVER BLACK**



• DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Precision Clock ( $\pm 10$  ppm) • Separate Wolfson® 192 kHz/24-Bit DACs (WM8742 x 2) for L/R Channels • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • New Circuit Board Construction to Reduce Vibration • Independent Headphone Amplifier • Direct Digital Connection of iPod/iPhone and Flash Memory via Front-Panel USB Port • 2 Digital Outputs (Optical and Coaxial) • WHD: 435 x 101 x 306 mm • 5.3 kg

## C-7030 Compact Disc Player **SILVER BLACK**



• VLSC™ (Vector Linear Shaping Circuitry) for Pulse Noise Reduction • Precision Clock ( $\pm 10$  ppm) • Wolfson® 192 kHz/24-Bit DAC • Custom-Designed Massive EI Transformers • Differential Headphone Amplifier Circuitry • 2 Digital Audio Outputs (Optical and Coaxial) • 1.6 mm-Thick Anti-Vibration Full-Flat Chassis • WHD: 435 x 101 x 306 mm • 5.3 kg

## DX-C390 6-Disc CD Carousel Changer **SILVER BLACK**



• 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 • 2 Digital Outputs (Optical and Coaxial) • WHD: 435 x 131 x 432 mm • 6.9 kg

## A-5VL Integrated Stereo Amplifier **SILVER BLACK**



• 90 W/Ch (4  $\Omega$ , 1 kHz, 1 Channel Driven, JEITA) • Separate Transformers for L/R Channels • Custom-Designed Audio-Tuned Reference Capacitors • Burr-Brown 192 kHz/24-Bit DAC (PCM1796) • Low-Impedance Copper Bus Bars for Perfect Ground Potential • Optimum Gain Volume Circuitry • Precision Motor-Driven Volume Control • 2 Digital Inputs (Optical and Coaxial) • Phono Input (MM/MC) • Speaker A/B Drive • Machined Solid Brass, 19 mm-Pitch Audio Terminals for High-Grade RCA Audio Cable • WHD: 435 x 80 x 340 mm • 10.2 kg

## C-S5VL Super Audio CD/CD Player **SILVER BLACK**



• VLSC™ (Vector Linear Shaping Circuitry) • High-Grade Wolfson® 192 kHz/24-Bit DAC (WM8742) with DSD Bit-Stream Support for Super Audio CD Applications • Thermally Regulated Crystal Oscillator and Jitter-Cleaner Device to Stabilize Clock Frequency • 2 Digital Outputs (Optical and Coaxial) • Digital Out On/Off • Machined Solid Brass, 19 mm-Pitch Audio Terminals for High-Grade RCA Audio Cable • WHD: 435 x 80 x 318 mm • 4.5 kg

## TX-8050 Network Stereo Receiver **SILVER BLACK**



• 130 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • TI Aureus™ DSP Chip (DA830) • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • Internet Radio and Music Streaming Service Connectivity\*1 • Supports Onkyo Remote App\*2 • Compatible with UWF-I Wireless LAN Adapter • Universal Port for Onkyo Peripheral Devices • 4 Digital Audio Inputs (2 Optical and 2 Coaxial) • Firmware Updates via Ethernet and USB • WHD: 435 x 149.5 x 328 mm • 8.8 kg

## TX-8030 Stereo Receiver **SILVER BLACK**



• 130 W/Ch (6  $\Omega$ , 1 kHz, 1%, 1 Channel Driven, IEC) • Discrete Amplifier Design with Massive EI Transformer • Two Large 8,200  $\mu$ F Capacitors • Universal Port for Onkyo Peripheral Devices including UP-A1 Dock for iPod/iPhone • Zone 2 Pre-Outs for Distributed Audio Playback in Another Room • Audio L/R and Subwoofer Pre-Outs • Speaker A/B Drive • Anti-Vibration Oval Chassis • Gold-Plated Audio and Video Terminals • WHD: 435 x 149.5 x 328 mm • 8.8 kg

## A-933 Integrated Stereo Amplifier **SILVER BLACK**



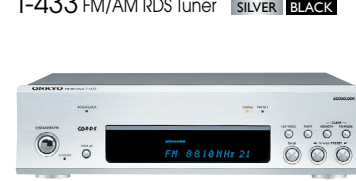
• WHD: 275 x 103 x 328 mm • 7.5 kg

## C-733 CD Player **SILVER BLACK**



• WHD: 275 x 103 x 304 mm • 4.5 kg

## T-433 FM/AM RDS Tuner **SILVER BLACK**



• WHD: 275 x 78 x 309 mm • 3.0 kg



## SKS-HT728

5.1-Channel  
Home Cinema  
Speaker System

BLACK



**SKF-770 Dual-Drive 2-Way Front Speakers**  
• 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter  
• WHD: 262 x 1050 x 262 mm • 5.2 kg

**SKC-770 Dual-Drive 2-Way Center Speaker**  
• 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter  
• WHD: 430 x 115 x 121 mm • 2.2 kg

**SKR-770 Full-Range Surround Speakers**  
• 8 cm Cone • WHD: 115 x 230 x 96 mm • 1.0 kg

All speakers feature an impedance of 6  $\Omega$ , maximum input power of 130 W, and all except the front speakers are wall-mountable.

**SKW-770 Bass Reflex Powered Subwoofer**  
• 25 cm Cone • Down-Firing • Max. Output Power: 290 W  
• WHD: 275 x 507 x 411 mm • 11.6 kg

## SKS-HT648

5.1-Channel  
Home Cinema  
Speaker System

BLACK



**SKF-648 2-Way Acoustic Suspension Front Speakers**  
• 8 cm Cone Woofer • 2.5 cm Balanced-Dome Tweeter  
• Solid-Style, High-Density Speaker Cabinets  
• WHD: 102 x 170 x 105 mm • 1.0 kg

**SKC-648 Dual-Drive 2-Way Center Speaker**  
• 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter  
• Solid-Style, High-Density Speaker Cabinet  
• WHD: 277 x 110 x 110 mm • 1.7 kg

**SKR-648 Full-Range Acoustic Suspension Surround Speakers**  
• 8 cm Cone • Solid-Style, High-Density Speaker Cabinets  
• WHD: 102 x 170 x 105 mm • 0.9 kg

All speakers feature an impedance of 6  $\Omega$  and maximum input power of 130 W.

**SKW-501E Bass Reflex Powered Subwoofer**  
• 20 cm Cone • Rated Output Power: 80 W (Minimum Continuous Power, 4  $\Omega$ , 100 Hz, 1% IEC) • Down-Firing  
• WHD: 230 x 425 x 412 mm • 9.1 kg

## SKS-HT528

5.1-Channel  
Home Cinema  
Speaker System

BLACK



**SKF-528 Full-Range Bass Reflex Front Speakers**  
• 8 cm Cone • Gloss Finished • Magnetically Shielded  
• WHD: 101 x 175 x 116 mm • 0.7 kg

**SKC-528 Full-Range Bass Reflex Center Speaker**  
• 8 cm Cone • Gloss Finished • Magnetically Shielded  
• WHD: 273 x 101 x 106 mm • 1.0 kg

**SKR-528 Full-Range Bass Reflex Surround Speakers**  
• 8 cm Cone • Gloss Finished  
• WHD: 101 x 175 x 116 mm • 0.7 kg

All speakers feature an impedance of 6  $\Omega$ , maximum input power of 120 W, and wall-mounting capability.

**SKW-501 Bass Reflex Powered Subwoofer**  
• 20 cm Cone • Down-Firing • Max. Output Power: 150 W  
• Auto Standby/On Circuitry  
• WHD: 230 x 425 x 412 mm • 9.1 kg

## SKW-208

Bass Reflex Powered  
Subwoofer

BLACK SILVER



• Rated Output Power: 120 W  
Minimum Continuous Power  
(4  $\Omega$ , 100 Hz, Maximum 1% THD) • 25 cm Cone  
• Adjustable Crossover  
Frequency (50 Hz–200 Hz)  
• Phase Switch (0° or 180°)  
• Output-Level Control • Line  
Input • Frequency Response:  
25 Hz–200 Hz • WHD: 275 x  
507 x 411 mm • 11.6 kg

## D-TK10

2-Way  
Bass Reflex  
Speakers

A-OMF  
MONOCOQUE



• 10 cm A-OMF Monocoque Diaphragm Woofer  
• 3 cm Ring-Drive Tweeter • Supported by a  
Large Voice Coil • Takamine Acoustic Voicing  
Technology Construction • Aero Acoustic Drive  
for Powerful and Natural Sound • Network Circuit  
with High-Quality Parts • Gold-Plated, Banana  
Plug-Compatible Speaker Posts • Frequency  
Response: 50 Hz–100 kHz • Impedance: 4  $\Omega$   
• Max. Input Power: 200 W  
• WHD: 133 x 276 x 220 mm • 2.9 kg

Takamine TECHNOLOGY  
Acoustic Voicing



## UBT-1

Bluetooth USB Adapter

• Bluetooth Version 3.0 Capability  
(Compatible Profile: A2DP 1.2) • Pair  
Your iPad, iPhone, iPod touch, Tablet PC,  
and Cellphone with Onkyo Components  
• Features CSR's aptX® Codec for  
Optimized Audio Streaming • Supports  
AAC Format • Auto Power-On and  
Direct Input Change Function on Hybrid  
Standby Status • Compatible with 2012  
Series A/V Receivers (TX-NR414 and  
Higher) and CS-N755  
• WHD: 56 x 24 x 11 mm • 10 g

For more information, please visit the Onkyo website  
(www.onkyo.com). While Onkyo has confirmed  
compatibility with a wide range of devices at its  
testing facilities, it cannot guarantee performance with  
all third-party Bluetooth-compatible devices.

Bluetooth aptX CSR USB



## UWF-1

Wireless LAN Adapter

• Provides Wireless Link to Network-  
Capable Onkyo A/V Receivers and  
Stereo Receivers • Connects Directly  
to Receiver via USB • Direct Audio  
Streaming via Wireless Router • 2.4 GHz  
Wireless Transmission Frequency  
• WHD: 29.8 x 8.4 x 17.0 mm • 3.4 g

Note: The UWF-1 is compatible only with Onkyo  
receivers and does not connect directly with PCs.  
For more information, please visit the Onkyo website  
(www.onkyo.com)

USB 11n b/g

## DS-A5

BLACK

Dock for iPod/iPhone/iPad with AirPlay



(iPhone not included)

• Audio and Video Playback from iPod/iPhone/iPad • Link with  
Onkyo A/V Receiver and Hi-Fi Components via RI (Remote  
Interactive) Control • AirPlay Capability • Wi-Fi Certified  
• Ethernet Port • Analog and Digital Audio Outputs  
• Composite Video Output • Recharges iPod/iPhone/iPad  
• WHD: 136 x 54 x 121 mm • 223 g

Compatible iPod/iPhone/iPad Models: iPod nano (2nd, 3rd, 4th, 5th, and 6th  
Generation), iPod classic (80 GB, 120 GB, 160 GB), iPod touch (1st, 2nd, 3rd,  
and 4th Generation), iPhone, iPhone 3G, iPhone 3GS, iPhone 4, iPhone 4S, iPad,  
iPad (Wi-Fi + 3G), iPad 2 (Wi-Fi), iPad 2 (Wi-Fi + 3G), New iPad

Bluetooth Wi-Fi CERTIFIED RI Made for iPod iPhone iPad

## DS-A4

BLACK

Remote Interactive Dock for the iPod/iPhone



(iPhone not included)

• Superior Quality for Digital Music Files • Video Playback  
and Photo Slideshows via Component Video Output • Track  
Lists and Song Information Displayed via On-Screen Display  
• Recharges iPod/iPhone • WHD: 110 x 54 x 112 mm  
• 300 g

Compatible iPod/iPhone Models: iPod touch (1st, 2nd, 3rd, and 4th Generation),  
iPod classic, iPod with color display, iPod with click wheel (4th Generation), iPod  
with video (5th Generation), iPod mini, and iPod nano (1st, 2nd, 3rd, 4th, 5th,  
and 6th Generation), iPhone, iPhone 3G, iPhone 3GS, iPhone 4

Made for iPod iPhone RI

## UP-A1

BLACK

Dock for the iPod/iPhone



(iPhone not included)

• Easy Connection via Universal Port • Audio and Video  
Playback • Recharges iPod/iPhone • Control via Compatible  
A/V Receiver's Remote Controller  
• WHD: 83 x 33 x 74 mm • 200 g

Compatible iPod/iPhone Models: iPod touch (1st and 2nd Generation), iPod  
classic, iPod with click wheel (4th Generation), iPod with video  
(5th Generation), iPod photo, iPod mini, and iPod nano (1st, 2nd, 3rd, and 4th  
Generation), iPhone, iPhone 3G.

Note: UP-A1 is compatible only with those Onkyo components featuring a  
Universal Port.

Made for iPod iPhone

# FEATURES

A/V RECEIVERS	TX-NR5010	PR-SC5509	TX-NR3010	TX-NR1010	TX-NR818	TX-NR717	TX-NR616	TX-NR515	TX-NR414	TX-SR313
Channels	9.2	9.2	9.2	7.2	7.2	7.2	7.2	7.2	5.1	5.1
<b>AMPLIFIER FEATURES</b>										
WRAT (Wide Range Amplifier Technology)	✓		✓	✓	✓	✓	✓	✓	✓	✓
Three-Stage Inverted Darlington Circuitry	✓		✓	✓	✓	✓	✓			
VLSC™ (Vector Linear Shaping Circuitry)	✓	✓	✓	✓						
Discrete Output Stage Circuitry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PLL Jitter-Cleaning Circuit Technology	✓	✓	✓	✓	✓	✓	S/PDIF Only	S/PDIF Only	S/PDIF Only	S/PDIF Only
Independent Transformers	✓ (Toroidal)	✓ (Toroidal)	✓							
Isolated Power Amp and Pre-Amp Block	✓		✓	✓	✓					
Separate Aluminum Panel Construction	✓	✓								
<b>PROCESSING FEATURES</b>										
THX® Certified	THX® Ultra2 Plus™	THX® Ultra2 Plus™	THX® Ultra2 Plus™	THX® Ultra2 Plus™	THX® Select2 Plus™	THX® Select2 Plus™	THX® Select2 Plus™			
Dolby® TrueHD and DTS-HD Master Audio™	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DTS Neo:X™	✓	✓	✓	✓	✓					
Audyssey DSX®	✓	✓	✓	✓	✓	✓	Front High Only			
Dolby® Pro Logic® IIz	✓	✓	✓	✓	✓	✓	✓	✓		
Burr-Brown 192 kHz/24-Bit Audio DACs	2 Ch x 7 (32-Bit)	2 Ch x 6 (32-Bit)	2 Ch x 7	2 Ch x 6	8 Ch x 1 + 2 Ch x 1	8 Ch x 1 + 2 Ch x 1	8 Ch x 1 + 2 Ch x 1	8 Ch x 1 + 2 Ch x 1	8 Ch x 1 + 2 Ch x 1	8 Ch x 1
Video Processing Engine	HQV® and Qdeo™	HQV® and Qdeo™	HQV® and Qdeo™	HQV® and Qdeo™	HQV® and Qdeo™	Qdeo™	Qdeo™	Qdeo™		
Video Upscaling	Up to 4K	Up to 4K	Up to 4K	Up to 4K	Up to 4K	Up to 4K	Up to 4K	Up to 4K		
Video Upconversion (Analog to HDMI)	✓	✓	✓	✓	✓	✓	✓	✓		
ISF Video Calibration	✓	✓	✓	✓	✓					
InstaPrevue™	✓		✓	✓	✓	✓	✓	✓	✓	
4 DSP Modes for Gaming	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pure Audio Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>CONNECTION FEATURES</b>										
HDMI® Inputs/Outputs	8+1/2	7+1/2	8+1/2	8+1/2	7+1/2	7+1/2	7+1/2	7+1/2	6/1	4/1
3D Video and ARC Ready	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zone 2 HDMI Out	✓		✓	✓						
MHL™ (Mobile High-Definition Link)	✓		✓	✓	✓	✓	✓	✓		
USB Ports	2	2	2	2	2	2	2	2	1	1
Network Connectivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Supports Onkyo Remote App	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Wireless LAN Ready	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Bluetooth Ready	✓		✓	✓	✓	✓	✓	✓	✓	
Component Video Inputs/Outputs	2/1	3/1	2/1	2/1	2/1	2/1	1/1	1/1	2/1	2/1
Digital Audio Inputs	4 Optical, 3 Coaxial	4 Optical, 3 Coaxial	3 Optical, 3 Coaxial	3 Optical, 3 Coaxial	3 Optical, 3 Coaxial	2 Optical, 3 Coaxial	2 Optical, 2 Coaxial	2 Optical, 2 Coaxial	2 Optical, 2 Coaxial	2 Optical, 2 Coaxial
Pre-Out Channels	11.4	9.2	11.4	9.2	9.2	7.2	2 Subwoofers Only	2 Subwoofers Only	2 Subwoofers Only	2 Subwoofers Only
Multizone Powered Audio	Zone 3	Zone 3 (Line Out Only)	Zone 3	Zone 3*	Zone 3*	Zone 3*	Zone 2	Zone 2	Zone 2 (Line Out Only)	Zone 2 (Line Out Only)
Bi-Amping Capability	✓	✓	✓	✓	✓	✓				
Banana Plug-Compatible Speaker Posts	✓ (Gold Plated)		✓	✓	✓	✓	✓ (Except Zone 2)	✓ (Except Zone 2)	✓	
RS232, IR, and 12 V Trigger	✓	✓	✓	✓	✓	IR Input, 12 V Trigger Only				
D-Sub Video Input for PC	✓	✓	✓	✓	✓	✓				
RIHD (Remote Interactive over HDMI)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>OTHER FEATURES</b>										
Room Calibration	Audyssey MultEQ® XT32	Audyssey MultEQ® XT32	Audyssey MultEQ® XT32	Audyssey MultEQ® XT32	Audyssey MultEQ® XT32	Audyssey 2EQ®	Audyssey 2EQ®	Audyssey 2EQ®		
Dolby® Volume	✓	✓	✓	✓	✓					
On-Screen Display via HDMI	1080p GUI	1080p GUI	1080p GUI	1080p GUI	1080p GUI	1080p GUI	1080p GUI	1080p GUI	Text	Text
Home Menu and Quick Setup	✓		✓	✓	✓	✓	✓	✓	✓	
Hybrid Standby	✓		✓	✓	✓	✓	✓	✓	✓	
Smart Grid Mode	✓		✓	✓	✓	✓	✓	✓	✓	
Firmware Update	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Crossover Adjustment	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓ (Independent)	✓	✓
Digital Processing Crossover Network	✓		✓	✓	✓					
Differential DAC	Up to 5.1 Channels		Up to 5.1 Channels	Up to 5.1 Channels	Front Channels					
A/V Sync Control	Up to 800 ms	Up to 800 ms	Up to 800 ms	Up to 800 ms	Up to 800 ms	Up to 800 ms	Up to 800 ms	Up to 800 ms	Up to 400 ms	Up to 400 ms
Tone Control	All Channels (Except Zone 2/3)	All Channels	All Channels (Except Zone 2/3)	All Channels (Except Zone 2/3)	Front Channels	Front Channels	Front Channels	Front Channels	Front Channels	Front Channels
RI Remote Control	Bi-Directional	Bi-Directional	Bi-Directional	Bi-Directional	Bi-Directional	Preprogrammed	Preprogrammed	Preprogrammed	Preprogrammed	Full Function
Color	Black or Silver	Black	Black or Silver	Black or Silver	Black or Silver	Black or Silver	Black or Silver	Black or Silver	Black or Silver	Black or Silver



SPECIFICATIONS

A/V RECEIVERS	TX-NR5010	PR-SC5509	TX-NR3010	TX-NR1010	TX-NR818	TX-NR717	TX-NR616	TX-NR515	TX-NR414	TX-SR313
AMPLIFIER SECTION										
Power Output All Channels (except for subwoofers)	220 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	—	200 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	200 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	180 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	170 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	160 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	130 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	130 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
Dynamic Power	400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front)	—	320 W (3 Ω, Front) 270 W (4 Ω, Front) 160 W (8 Ω, Front)	320 W (3 Ω, Front) 270 W (4 Ω, Front) 160 W (8 Ω, Front)	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	250 W (3 Ω, Front) 220 W (4 Ω, Front) 130 W (8 Ω, Front)	240 W (3 Ω, Front) 210 W (4 Ω, Front) 120 W (8 Ω, Front)	180 W (3 Ω, Front) 160 W (4 Ω, Front) 100 W (8 Ω, Front)	180 W (3 Ω, Front) 160 W (4 Ω, Front) 100 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)
THD (Total Harmonic Distortion + Noise)	0.05% (20 Hz–20 kHz, Rated Power)	0.05% (20 Hz–20 kHz, Rated Power)	0.05% (20 Hz–20 kHz, Rated Power)	0.05% (20 Hz–20 kHz, Rated Power)	0.08% (20 Hz–20 kHz, Rated Power)	0.08% (20 Hz–20 kHz, Rated Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half 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)	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) 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)	200 mV/47 kΩ (Line)
Rated RCA Output Level and Impedance	1 V/470 Ω (Pre Out)	1 V/470 Ω (Pre Out)	1 V/470 Ω (Pre Out)	1 V/470 Ω (Pre Out)	200 mV/470 Ω (Line Out)	200 mV/470 Ω (Line Out)	200 mV/2.2 kΩ (Line Out)	200 mV/2.2 kΩ (Line Out)	200 mV/2.2 kΩ (Line Out)	200 mV/2.2 kΩ (Line Out)
Maximum RCA Output Level and Impedance	5.5 V/470 Ω (Pre Out)	5.5 V/470 Ω (Pre Out)	5.5 V/470 Ω (Pre Out)	5.5 V/470 Ω (Pre Out)	4.6 V/470 Ω (Pre Out)	4.6 V/470 Ω (Pre Out)	2.0 V/2.2 kΩ (Line Out)	2.0 V/2.2 kΩ (Line Out)	2.0 V/2.2 kΩ (Line Out)	2.0 V/2.2 kΩ (Line 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%)	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 (DSP Bypass)	5 Hz–100 kHz/ +1 dB, -3 dB (DSP Bypass)	5 Hz–100 kHz/ +1 dB, -3 dB (DSP Bypass)	5 Hz–100 kHz/ +1 dB, -3 dB (DSP Bypass)	5 Hz–100 kHz/ +1 dB, -3 dB (DSP Bypass)
Tone Control										
Bass	±10 dB, 50 Hz	±10 dB, 50 Hz	±10 dB, 50 Hz	±10 dB, 50 Hz	±10 dB, 50 Hz	±10 dB, 50 Hz	±10 dB, 30 Hz	±10 dB, 50 Hz	±10 dB, 50 Hz	±10 dB, 50 Hz
Treble	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz	±10 dB, 20 kHz
Signal-to-Noise Ratio	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono MM, 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	6 Ω–16 Ω	6 Ω–16 Ω
VIDEO SECTION										
Input Sensitivity/Output Level and Impedance	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 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) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)
Component Video Frequency Response	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -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	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	522 kHz–1,611 kHz	522 kHz–1,611 kHz	522 kHz–1,611 kHz
Preset Memory	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 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 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 220–240 V~, 50/60 Hz	AC 220–240 V~, 50/60 Hz
Power Consumption	1,160 W	110 W	1,010 W	850 W	720 W	640 W	620 W	540 W	450 W	340 W
Dimensions (W x H x D)	435 x 198.5 x 463.5 mm	435 x 198.5 x 463.5 mm	435 x 198.5 x 463.5 mm	435 x 198.5 x 463.5 mm	435 x 198.5 x 435.5 mm	435 x 174 x 379 mm	435 x 173.5 x 328 mm	435 x 173.5 x 328 mm	435 x 173.5 x 328 mm	435 x 150 x 318 mm
Weight	25.0 kg	14.0 kg	25.0 kg	23.0 kg	18.3 kg	12.1 kg	11.0 kg	9.6 kg	9.4 kg	7.6 kg

INTEGRATED AMPLIFIERS	A-9000R	A-9070	A-9050	A-9030	9-CHANNEL AMPLIFIER	PA-MC5501
Power Output	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	75 W/Ch (8 Ω, 1 kHz, 0.08%, 2 Channels Driven, IEC)	65 W/Ch (8 Ω, 1 kHz, 0.08%, 2 Channels Driven, IEC)	Power Output All Channels	220 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, IEC)
Dynamic Power	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	—	—	Dynamic Power	400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front)
THD+N (Total Harmonic Distortion + Noise)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz–20 kHz, Half Power) 0.03% (20 Hz–20 kHz, 1 W Output)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz–20 kHz, Half Power) 0.03% (20 Hz–20 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)	THD (Total Harmonic Distortion) Damping Factor	0.05% (Rated Power) 60 (Front, 1 kHz, 8 Ω)
HICC	140 A	100 A	—	—	Input Sensitivity and Impedance	1 V/47 kΩ (Balanced) 2 V/22 kΩ (Unbalanced)
Damping Factor	130 (1 kHz, 8 Ω)	130 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)	Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB
Input Sensitivity and Impedance	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/ 100 Ω (Phono MC)	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/ 100 Ω (Phono MC)	175 mV/33 kΩ (Line) 4.8 mV/47 kΩ (Phono MM)	175 mV/33 kΩ (Line) 4.8 mV/47 kΩ (Phono MM)	Signal-to-Noise Ratio	110 dB (Unbalanced, IHF-A)
Rated RCA Output Level and Impedance	1 V/ 300 Ω (Pre Out)	1 V/ 300 Ω (Pre Out)	0.175 V/ 2.2 kΩ (Rec Out)	0.175 V/ 2.2 kΩ (Rec Out)	Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω
Maximum RCA Output Level and Impedance	5 V/ 300 Ω (Pre Out)	5 V/ 300 Ω (Pre Out)	—	—	Power Supply	AC 220–240 V~, 50/60 Hz
Phono Overload	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	100 mV (MM, 1 kHz, 0.5%)	100 mV (MM, 1 kHz, 0.5%)	Power Consumption	1,050 W
Frequency Response	10 Hz–100 kHz/+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz/+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz/+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz/+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz/+1 dB, -3 dB (Line 1)	10 Hz–100 kHz/+1 dB, -3 dB (Line 1)	Dimensions (W x H x D)	435 x 198.5 x 446.5 mm
Tone Control	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±14 dB, 100 Hz (Bass) ±14 dB, 10 kHz (Treble) +8 dB, 80 Hz (PM Bass)	±14 dB, 100 Hz (Bass) ±14 dB, 10 kHz (Treble) +8 dB, 80 Hz (PM Bass)	Weight	22.0 kg
Signal-to-Noise Ratio	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	105 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)		
Speaker Impedance	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)		
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz		
Power Consumption	300 W	290 W	160 W	135 W		
Standby Power Consumption	0.2 W	0.2 W	0.3 W	0.3 W		
Dimensions (W x H x D)	435 x 175 x 435 mm	435 x 174.5 x 431 mm	435 x 139 x 330.3 mm	435 x 139 x 330.3 mm		
Weight	18.5 kg	18.1 kg	8.2 kg	7.4 kg		

# SPECIFICATIONS

BD PLAYERS	BD-SP809	BD-SP309
Frequency Range (Digital Audio)	4 Hz–88 kHz (192 kHz)	4 Hz–88 kHz (192 kHz)
BD	4 Hz–44 kHz (96 kHz)	4 Hz–44 kHz (96 kHz)
DVD Linear Sound	4 Hz–22 kHz (48 kHz)	4 Hz–22 kHz (48 kHz)
Audio CD	4 Hz–20 kHz (44.1 kHz)	4 Hz–20 kHz (44.1 kHz)
S/N Ratio (Digital Audio)	100 dB	—
Audio Dynamic Range (Digital Audio)	98 dB	—
THD (Digital Audio)	0.005% (1 kHz)	—
Wow and Flutter	Below threshold of measurability	Below threshold of measurability
Composite Video Output/Impedance	1.0 Vp-p/75 Ω	—
Component Video Output/Impedance	Y: 1.0 Vp-p/75 Ω PB/PR: 0.7 Vp-p/75 Ω	—
Component Video Frequency Response	5 Hz–50 MHz	—
Audio Output/Impedance	Digital (Optical) 0.5 Vp-p/75 Ω 2.0 V (rms)/more than 1 kΩ	—22.5 dBm — —
Power Supply	AC 110–240 V~, 50/60 Hz	AC 100–240 V~, 50/60 Hz
Power Consumption	23 W	17 W
Dimensions (W x H x D)	435 x 104 x 313 mm	435 x 57.3 x 201 mm
Weight	4.7 kg	1.7 kg

STEREO RECEIVERS	TX-8050	TX-8030
Power Output	130 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	130 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
Dynamic Power	180 W/Ch (3 Ω), 160 W/Ch (4 Ω), 100 W/Ch (8 Ω)	180 W/Ch (3 Ω), 160 W/Ch (4 Ω), 100 W/Ch (8 Ω)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)
Damping Factor	60 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)
Input Sensitivity and Impedance	Line 200 mV/47 kΩ Phono MM 2.5 mV/47 kΩ	200 mV/47 kΩ 2.5 mV/47 kΩ
Rated RCA Output Level and Impedance	200 mV/2.2 kΩ (Rec Out)	200 mV/2.2 kΩ (Rec Out)
Maximum RCA Output Level and Impedance	2.0 V/2.2 kΩ (Rec Out)	2.0 V/2.2 kΩ (Rec Out)
Phono Overload	60 mV (MM, 1 kHz, 0.5%)	60 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz–100 kHz (+1 dB, -3 dB)	5 Hz–100 kHz (+1 dB, -3 dB)
Tone Control	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	106 dB (IHF-A, Line) 80 dB (IHF-A, Phono MM)	106 dB (IHF-A, Line) 80 dB (IHF-A, Phono MM)
Speaker Impedance	4 Ω–16 Ω (A or B), 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B), 8 Ω–16 Ω (A + B)
Video Input Sensitivity/Output Level and Impedance	1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Composite)
Tuning Frequency Range	FM 87.5 MHz–108 MHz AM 522 kHz–1.611 MHz	87.5 MHz–108 MHz 522 kHz–1.611 MHz
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz
Power Consumption	295 W	278 W
Dimensions (W x H x D)	435 x 149.5 x 328 mm	435 x 149.5 x 328 mm
Weight	8.8 kg	8.8 kg

STEREO AMPLIFIERS	M-5000R	P-3000R
Power Output (2-Ch Stereo)	150 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 80 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 170 W/Ch (4 Ω, 1 kHz, 1%, 2 Channels Driven, IEC) 100 W/Ch (8 Ω, 1 kHz, 1%, 2 Channels Driven, IEC)	—
Power Output (BTL Mono)	220 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 1 Channels Driven, IEC) 180 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 1 Channels Driven, IEC) 250 W/Ch (4 Ω, 1 kHz, 1%, 1 Channels Driven, IEC) 200 W/Ch (8 Ω, 1 kHz, 1%, 1 Channels Driven, IEC)	—
Dynamic Power	460 W (1 Ω), 320 W (2 Ω), 245 W (3 Ω), 196 W (4 Ω), 142 W (6 Ω), 110 W (8 Ω)	—
THD+N (Total Harmonic Distortion + Noise)	0.005% (1 kHz, Half Power) 0.02% (20 Hz–20 kHz, Half Power)	0.005% (20 Hz–20 kHz, Half Power)
Damping Factor	130 (1 kHz, 8 Ω)	—
Input Sensitivity and Impedance	1.4 V/10 kΩ (BTL) 700 mV/10 kΩ (RCA)	200 mV/47 kΩ (Line) 2.7 mV/47 kΩ (Phono MM)
Frequency Response	10 Hz–100 kHz/0 dB, -1 dB (1 W) 1 Hz–250 kHz/-3 dB (1 W/8 Ω)	5 Hz–100 kHz/0 dB, -3 dB (Line)
Signal-to-Noise Ratio	110 dB (RCA, IHF-A)	110 dB (Direct, IHF-A) 80 dB (Phono, MM)
Speaker Impedance	4 Ω–16 Ω 6 Ω–16 Ω (BTL)	—
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz
Power Consumption	280 W	29 W
Dimensions (W x H x D)	435 x 187.5 x 432.5 mm	435 x 99 x 333.1 mm
Weight	23.5 kg	11.0 kg

CD PLAYERS	C-7000R	C-7070	C-7030
Frequency Response	2 Hz–20 kHz	2 Hz–20 kHz	4 Hz–20 kHz
Signal-to-Noise Ratio	116 dB	116 dB	107 dB
Dynamic Range	100 dB	100 dB	100 dB
THD (Total Harmonic Distortion)	0.0015%	0.0025%	0.0029%
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 220–240 V~, 50/60 Hz
Power Consumption	18 W	23 W	12 W
Dimensions (W x H x D)	435 x 99 x 315.2 mm	435 x 101 x 306 mm	435 x 101 x 306 mm
Weight	12.0 kg	6.4 kg	5.3 kg

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# ONKYO®

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