

A-5VL SILVER BLACK

Integrated Stereo Amplifier



VLSC 192kHz/24bit RI

- 80 W/Ch at 4 Ω, 1 kHz, 2 Channels Driven, IEC • VLSC™ (Vector Linear Shaping Circuitry)
- Separate Transformers for L/R Channels • Custom-Designed, Audio-Tuned Reference Capacitors • Burr-Brown (PCM1796) 192 kHz/24-Bit D/A Converters • Low-Impedance Copper Bus Plates for Perfect Ground Potential • Optimum Gain Volume Circuitry • 2 Digital Inputs (Optical and Coaxial) • Machined Solid Brass, 19 mm-Pitch Audio Terminals for High-Grade RCA Audio Cable • Gold-Plated, Banana Plug-Compatible Transparent Speaker Posts
- High-Rigidity, Anti-Resonant Flat Chassis (1.6 mm Thick) • WHD: 435 x 80 x 340 mm • 10.2 kg

A-9377 SILVER BLACK

Integrated Stereo Amplifier



WRAT RI

- 90 W/Ch at 4 Ω, 1 kHz, 2 Channels Driven, IEC • WRAT (Wide Range Amplifier Technology)
- All-Discrete Output Stage Circuitry • Massive Power Transformer • Optimum Gain Volume Circuitry • Precision Motor-Driven Volume Control • 5 Audio Inputs and 1 Output
- Pre Out Terminal • Phono Input • Speaker A/B Drive • Banana Plug-Compatible Speaker Posts
- High-Rigidity, Anti-Resonant Chassis • WHD: 435 x 150 x 348 mm • 8.8 kg

A-9155 SILVER BLACK

Integrated Stereo Amplifier



WRAT RI

- 65 W/Ch, 4 Ω, 1 kHz, 2 Channels Driven, IEC • WRAT (Wide Range Amplifier Technology)
- All Discrete Output Stage Circuitry • Optimum Gain Volume Circuitry • Audiophile Grade Capacitors • Precision Motor-Driven Volume Control • Phono Equalizer • 4 Audio Inputs and 2 Outputs • Phono Input • Speaker A/B Drive • High-Rigidity, Anti-Resonant Chassis
- Aluminum Volume and Selector Knobs • Banana Plug-Compatible Speaker Posts
- WHD: 435 x 121 x 344 mm • 6.8 kg

T-4355 SILVER BLACK

FM/AM Tuner



RDS RI

- FM/AM Auto and Manual Tuning • Auto Presets (20 FM/10 AM) • RDS (PS/RT) • FM Mono Mode • Front Panel Controls (Display, Band, Preset, Memory, FM Mode) • High-Rigidity, Anti-Resonant Chassis • Aluminum Front Panel • Audiophile Grade Capacitor
- WHD: 435 x 81 x 310 mm • 3.2 kg

C-S5VL SILVER BLACK

Super Audio CD/CD Player



VLSC 192kHz/24bit MP3 WMA RI

- Plays Super Audio CD, Audio CD, CD-R, CD-RW, MP3 CD, and WMA CD* • VLSC™ (Vector Linear Shaping Circuitry) • High-Grade Wolfson® 192 kHz/24-Bit D/A Converter (WM8742)
- Thermally Regulated Crystal Oscillator and Jitter-Cleaning 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 • Digital Filter Control (CD: 5 Modes, Super Audio CD: 4 Modes and DSD Direct) • High-Rigidity, Anti-Resonant Flat Chassis (1.6 mm Thick) • WHD: 435 x 80 x 318 mm • 4.5 kg
- *Discs should be properly finalized.

DX-C390 SILVER BLACK

6-Disc CD Carousel Changer



MP3 6 DISC VLSC VQA 192kHz/24bit DIRECT DIGITAL PATH RI

- Plays Audio CDs, MP3-Encoded CDs, CD-R/RW* • 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
- *Discs should be properly finalized.

DX-7355 SILVER BLACK

CD Player



MP3 192kHz/24bit VLSC RI

- Plays Audio CDs, MP3-Encoded CDs, CD-R/CD-RW* • VLSC™ (Vector Linear Shaping Circuitry) • Wolfson® (WM8716) 192 kHz/24-Bit DAC • Massive Power Transformer
- Audiophile-Grade Capacitors • 2 Digital Outputs (Optical and Coaxial) • Quick Navigation for MP3 CD Playback • High-Rigidity, Anti-Resonant Chassis • Brushed Hairline Aluminum Front Panel • WHD: 435 x 81 x 315 mm • 4.4 kg
- *Discs should be properly finalized.

TX-8255 BLACK SILVER

Stereo Receiver



WRAT RDS RI

- 90 W/Ch, 4 Ω, 1 kHz, IEC • WRAT (Wide Range Amplifier Technology) • High-Current, Low-Impedance Drive • Discrete Output Stage Circuitry • Massive Power Transformer • 5 Audio Inputs and 2 Outputs • Phono Input • Speaker A/B Drive • IR Input and Output • 40 FM/AM Presets • RDS (PS/PTY/RT/TP) • Banana Plug-Compatible Speaker Posts • Brushed Hairline Aluminum Front Panel • WHD: 435 x 149 x 340 mm • 7.5 kg

A-933 Integrated Stereo Amplifier SILVER BLACK



VL Digital RI

- WHD: 275 x 103 x 328 mm • 7.5 kg

C-733 CD Player SILVER BLACK



VLSC 192kHz/24bit DIRECT DIGITAL PATH RI

- WHD: 275 x 103 x 304 mm • 4.5 kg

T-433 FM/AM RDS Tuner SILVER BLACK



RDS RI

- WHD: 275 x 78 x 309 mm • 3.0 kg

SKS-HT648 BLACK

5.1-Channel Home Cinema Speaker System



SKF-648 2-Way Acoustic-Suspension Front Speakers

- 8 cm Cone Woofer • 2.5 cm Balanced-Dome Tweeter • Max. Input Power: 130 W • Solid-Style, High-Density Speaker Cabinets • Gloss Finished • Magnetically Shielded • WHD: 102 x 170 x 105 mm • 1.0 kg

SKC-648 2-Way Acoustic-Suspension Center Speaker

- 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter • Max. Input Power: 130 W • Solid-Style, High-Density Speaker Cabinet • Gloss Finished • Magnetically Shielded • WHD: 277 x 110 x 110 mm • 1.7 kg

SKR-648 Full-Range Acoustic-Suspension Surround Speakers

- 8 cm Cone • Max. Input Power: 130 W • Solid-Style, High-Density Speaker Cabinets • Gloss Finished • Magnetically Shielded • WHD: 102 x 170 x 105 mm • 0.9 kg

Note: All speakers feature an impedance of 6 Ω, color-coded speaker terminals and cable, and wall-mounting capability

SKW-501E Bass Reflex Powered Subwoofer

- 20 cm Cone • Rated Output Power: 80 W (Minimum Continuous Power: 4 Ω, 100 Hz, 1%, IEC) • Down-Firing • Gloss Finished • Output Level Control • WHD: 230 x 425 x 412 mm • 9.1 kg

SKS-HT528 BLACK

5.1-Channel Home Cinema Speaker System



SKF-528 Full-Range Bass Reflex Front Speakers

- 8 cm Cone • Max. Input Power: 120 W • 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 • Max. Input Power: 120 W • 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 • Max. Input Power: 120 W • Gloss Finished • WHD: 101 x 175 x 116 mm • 0.7 kg

Note: All speakers feature an impedance of 6 Ω, color-coded speaker terminals and cable, 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

D-TK10 2-Way Bass Reflex Speakers



- 10 cm A-OMF Monocone 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 Ω • Max. Input Power: 200 W • WHD: 133 x 276 x 220 mm • 2.9 kg

A-OMF
MONOCOQUE

SKW-208 Bass Reflex Powered Subwoofer BLACK SILVER



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

DS-A4 BLACK

Remote Interactive Dock for the iPod/iPhone



(iPhone not included)

Enhancing iPod/iPhone Functionality with Onkyo Audio Expertise

- Compatible with iPhone 4 • 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 • Control and Extra Functionality Through Dedicated Remote Control • Recharges iPod/iPhone When Connected to AC Power Supply • WHD: 110 x 54 x 112 mm • 300 g

DS-A4 is compatible with iPhone 4, iPhone 3GS, iPhone 3G, iPhone, iPod touch (1G to 4G), iPod classic, iPod with Video, iPod with Color Display, iPod with Click Wheel, iPod nano (1G to 6G), and iPod mini.

Note: 1G, 2G, 3G iPod models are not supported. Updating iPod/iPhone software is advised before using the DS-A4. The information on compatible iPod/iPhone models is current as of July, 2011.

Made for
iPod iPhone

RI



UWF-1 BLACK

Wireless LAN Adapter



PC and Internet Audio Delivered Wirelessly to Your Main System

- Provides Wireless Link to Network-Capable Onkyo A/V Receivers and Stereo Receivers • Connects Directly to Receiver via USB • Direct Internet Radio Playback 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 Onkyo website (www.onkyo.com)

USB 11n b/g

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

UP-A1 is compatible with iPhone, iPhone 3G, iPod touch (1G, 2G), iPod classic, iPod with click wheel (4G), iPod with video (5G), iPod photo, iPod mini, and iPod nano (1G to 4G).

Note: 1G, 2G, 3G iPod models are not supported. Updating iPod/iPhone software is advised before using the UP-A1. The information on compatible iPod/iPhone models is current as of July, 2011.

Made for
iPod iPhone



UP-DT1 BLACK

DAB+ Radio Tuner



- Superior Digital Sound Quality • Compatible with DAB and DAB+ Over Band-III and L-Band • Easy Connection via Universal Port • Power Supply via Universal Port • 40 Preset Stations • Control via Remote Controller of Compatible A/V Receiver • Other Accessories Using Universal Port Connectable via Rear-Side Port • WHD: 140 x 32.5 x 116.5 mm • 300 g

DAB+
Digital Audio Broadcasting

ND-S1 SILVER BLACK

Digital Media Transport



(iPhone not included)

- Easily Links iPod touch (1G and 2G), iPod classic, iPod (5G*), iPod nano (1G*, 2G, 3G, and 4G) • High-Precision Circuit Clock (±10 ppm) for Precise Digital Processing • Works with Onkyo A/V Systems with Audio/Video Terminals • iPod Video Playback • iTunes Sync/Unsync Switch • Audio Selector (iPod/PC) • Digital Outputs (Optical/Coaxial) • USB Port for PC • Composite Video Output • WHD: 205 x 34 x 175 mm • 530 g

*Available in Extended mode only.
Made for
iPod USB RI

SPECIFICATIONS

| A/V RECEIVERS | TX-NR5009 | PR-SC5509 | TX-NR3009 | TX-NR1009 | TX-NR809 | TX-NR709 | TX-NR609 | TX-NR509 | TX-SR309 |
|--|---|---|---|---|---|---|--|--|--|
| 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) | 180 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) | 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) | 300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 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) | 160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front) |
| THD+N (Total Harmonic Distortion + Noise) | 0.05% (20 Hz– 20 kHz, Half power) | 0.05% (20 Hz– 20 kHz, Half power) | 0.05% (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) | 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) |
| 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) 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) |
| Rated RCA Output Level and Impedance | 1 V/470 Ω (Pre out) | 1 V/470 Ω (Pre out) | 1 V/470 Ω (Pre out) | 200 mV/470 Ω (Pre out) | 200 mV/470 Ω (Pre out) | 200 mV/470 Ω (Pre out) | 200 mV/2.2 kΩ (Rec out) | 200 mV/2.2 kΩ (Rec out) | 200 mV/2.2 kΩ (Rec 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) | 4.6 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 (Rec out) | 2.0 V/2.2 kΩ (Rec out) | 2.0 V/2.2 kΩ (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%) | 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) | 5 Hz–100 kHz/ +1 dB, -3 dB (DSP bypass) | 20 Hz–50 kHz/ +1 dB, -3 dB (DSP bypass) | 20 Hz–50 kHz/ +1 dB, -3 dB (DSP bypass) |
| Tone Control | ±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, 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, 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) |
| Signal-to-Noise Ratio | 110 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 110 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 110 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 110 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 110 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 110 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 106 dB (Line, IHF-A) 80 dB (Phono, IHF-A) | 106 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 |
| VIDEO SECTION | | | | | | | | | |
| Input Sensitivity/Output Level and Impedance | 1.0 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 1.0 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 1.0 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 1.0 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 1.0 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 1.0 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 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 (Component Y) 0.7 Vp-p/75 Ω (Component PB/CB, PR/CR) | 1.0 Vp-p/75 Ω (Component 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) | 0.28 Vp-p/75 Ω (S-Video C) 1.0 Vp-p/75 Ω (Composite) | 0.28 Vp-p/75 Ω (S-Video C) 1.0 Vp-p/75 Ω (Composite) | 0.25 Vp-p/75 Ω (S-Video C) 1.0 Vp-p/75 Ω (Composite) | 0.25 Vp-p/75 Ω (S-Video C) 1.0 Vp-p/75 Ω (Composite) | 0.25 Vp-p/75 Ω (S-Video C) 1.0 Vp-p/75 Ω (Composite) | 0.25 Vp-p/75 Ω (S-Video C) 1.0 Vp-p/75 Ω (Composite) | 1.0 Vp-p/75 Ω (Composite) | 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) |
| TUNER SECTION | | | | | | | | | |
| Tuning Frequency Range | 87.5 MHz–108 MHz FM 522 kHz–1,611 kHz AM | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 522 kHz–1,611 kHz | 87.5 MHz–108 MHz 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 |
| 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 230 V, 50 Hz | AC 230 V, 50 Hz |
| Power Consumption | 1,160 W | 110 W | 1,060 W | 830 W | 710 W | 830 W | 610 W | 370 W | 300 W |
| Dimensions (W x H x D) | 435 x 198.5 x 463.5 mm | 435 x 198.5 x 453.5 mm | 435 x 198.5 x 463.5 mm | 435 x 198.5 x 435.5 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 150 x 328 mm |
| Weight | 25.0 kg | 14.0 kg | 25.0 kg | 18.5 kg | 18.3 kg | 12.2 kg | 11.3 kg | 9.2 kg | 7.5 kg |

| BD/DVD PLAYERS | BD-SP809 | BD-SP309 |
|--|--|---|
| Frequency Range (Digital Audio) | 4 Hz–88 kHz (192 kHz) | 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) |
| 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) Digital (Coaxial) Analog Audio | -22.5 dBm — — |
| | -22.5 dBm 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 49.5 x 201 mm |
| Weight | 4.7 kg | 1.7 kg |
| Supplied Accessories | Audio/video cable, Remote controller (RC-819DV) | Remote controller (RC-825DV) |

| 9-CHANNEL AMPLIFIER | PA-MC5500 |
|--|--|
| Power Output All Channels | 220 W/Ch (6 Ω, 1 kHz, 1 channel driven, IEC) |
| Dynamic Power | 400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front) |
| THD (Total Harmonic Distortion) | 0.05% (Rated power) |
| Damping Factor | 60 (Front, 1 kHz, 8 Ω) |
| Input Sensitivity and Impedance | 1 V/47 kΩ (Balanced) 2 V/22 kΩ (Unbalanced) |
| Frequency Response | 5 Hz–100 kHz/+1 dB, -3 dB |
| Signal-to-Noise Ratio | 110 dB (Unbalanced, IHF-A) |
| Speaker Impedance | 4 Ω–16 Ω or 6 Ω–16 Ω |
| Power Supply | AC 220–240 V–, 50/60 Hz |
| Power Consumption | 1,050 W |
| Dimensions (W x H x D) | 435 x 198.5 x 458.5 mm |
| Weight | 23.0 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 230 V–, 50 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 |

SPECIFICATIONS

| INTEGRATED AMPLIFIERS | A-9000R | A-9070 | STEREO AMPLIFIERS | M-5000R | P-3000R |
|--|---|---|--|---|--|
| 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) | 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) | — |
| 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) | Power Output (BTL mono) | 170 W/Ch (4 Ω, 1 kHz, 1%, 2 channels driven, IEC) 100 W/Ch (8 Ω, 1 kHz, 1%, 2 channels driven, IEC) | — |
| 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) | 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) |
| HICC | 140 A | 100 A | Damping Factor | 130 (1 kHz, 8 Ω) | — |
| Damping Factor | 130 (1 kHz, 8 Ω) | 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) |
| 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) | Frequency Response | 10 Hz–100 kHz/0 dB, -1 dB (1 W) 1 Hz–250 kHz/0 dB, -3 dB (1 W/8 Ω) | 5 Hz–100 kHz/0 dB, -3 dB (Line) |
| Rated RCA Output Level and Impedance | 1 V/300 Ω (Pre out) | 1 V/300 Ω (Pre out) | Signal-to-Noise Ratio | 110 dB (RCA, IHF-A) | 110 dB (Direct, IHF-A) 80 dB (Phono, MM) |
| Maximum RCA Output Level and Impedance | 5 V/300 Ω (Pre out) | 5 V/300 Ω (Pre out) | Speaker Impedance | 4 Ω–16 Ω (BTL) | — |
| 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%) | Power Supply | AC 230 V–, 50 Hz | AC 230 V–, 50 Hz |
| 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) | Power Consumption | 300 W | 290 W |
| Tone Control | ±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble) | ±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble) | Standby Power Consumption | 0.2 W | 0.2 W |
| 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) | Dimensions (W x H x D) | 435 x 175 x 435 mm | 435 x 174.5 x 431 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) | Weight | 18.5 kg | 18.1 kg |

| MINI SYSTEMS | CS-1045 | CS-V645 | CS-545 | CS-245 |
|---|---|--|--|--|
| RECEIVER SECTION | | | | |
| AMPLIFIER SECTION | | | | |
| Power Output | 70 W + 70 W (4 Ω, 1 kHz, IEC) | 40 W + 40 W (4 Ω, 1 kHz) | 40 W + 40 W (4 Ω, 1 kHz, 10%) | 15 W + 15 W (6 Ω, 1 kHz) |
| Dynamic Power | 110 W + 110 W (3 Ω) 100 W + 100 W (4 Ω) 60 W + 60 W (8 Ω) | — | — | — |
| THD (Total Harmonic Distortion) | 0.08% (1 kHz, 1 W) | 0.05% (1 kHz, 1 W) | 0.05% (1 kHz, 1 W) | 0.5% (1 kHz, 1 W) |
| Damping Factor | 35 (1 kHz, 8 Ω) | 30 (1 kHz, 8 Ω) | 40 (1 kHz, 8 Ω) | 60 (1 kHz, 8 Ω) |
| Input Sensitivity and Impedance | 115 mV/33 kΩ (Line) | 600 mV/47 kΩ (Line) | 1000 mV/50 kΩ (Line) | 1000 mV/47 kΩ (Line) |
| Output Level and Impedance | 125 mV/2.2 kΩ (Rec Out) | 1000 mV/1.5 kΩ (Line Out) | — | — |
| Phono Overload | 85 mV (MM, 1 kHz, 0.5%) | — | — | — |
| Frequency Response | 5 Hz–60 kHz/±1 dB, -3 dB (Line) | 20 Hz–20 kHz/±1 dB, -3 dB (Line) | 20 Hz–20 kHz/±1 dB, -3 dB (Line) | 40 Hz–20 kHz/0 dB, -3 dB (Line) |
| Tone Control | ±14 dB, 100 Hz (Bass) ±12 dB, 10 kHz (Treble) | ±11.5 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble) +8.5 dB, 80 Hz (Super bass) | ±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble) +7.5 dB, 80 Hz (Super bass) | ±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble) +4 dB, 80 Hz (Super bass 1) +8 dB, 80 Hz (Super bass 2) |
| Signal-to-Noise Ratio | 100 dB (Line, IHF-A) 75 dB (Phono, IHF-A) | 72 dB (Line, IHF-A) | 70 dB (Line, IHF-A) | 84 dB (Line, IHF-A) |
| Speaker Impedance | 4 Ω–16 Ω | 4 Ω–16 Ω | 4 Ω–16 Ω | 6 Ω–16 Ω |
| 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 |
| AM | 522 kHz–1,611 kHz | — | 522 kHz–1,611 kHz | — |
| GENERAL | | | | |
| Power Supply | AC 220–240 V–, 50/60 Hz | — | — | — |
| Power Consumption | 65 W | — | — | — |
| Standby Power Consumption | 0.3 W | — | — | — |
| Dimensions (W x H x D) | 275 x 83 x 311 mm | — | — | — |
| Weight | 5.7 kg | — | — | — |
| DVD/CD PLAYER SECTION | | | | |
| Frequency Response | 5 Hz–20 kHz | 20 Hz–20 kHz (CD) | 20 Hz–20 kHz | — |
| Signal-to-Noise Ratio | 105 dB | 80 dB | — | — |
| Audio Dynamic Range | 100 dB | — | 80 dB | — |
| THD (Total Harmonic Distortion) | 0.003% | 0.25% | 0.05% | — |
| Audio Output/Impedance | | | | |
| Optical | -22.5 dBm | — | — | — |
| Coaxial | 0.5 Vp-p/75 Ω | 0.5 Vp-p/50 Ω | — | — |
| Rated RCA Output Level and Impedance | 2.0 V (rms)/470 Ω | 1.6 V (rms)/3.3 kΩ | — | — |
| GENERAL | | | | |
| Power Supply | AC 220–240 V–, 50/60 Hz | AC 220–240 V–, 50/60 Hz | AC 220–230 V–, 50/60 Hz | AC 220–240 V, 50/60 Hz |
| Power Consumption | 9 W | 36 W | 36 W | 30 W |
| Standby Power Consumption | 0.3 W | 0.9 W (iPod/iPhone not connected) | 0.3 W (iPod/iPhone not connected) | 0.2 W (iPod/iPhone not connected) |
| Dimensions (W x H x D) | 275 x 83 x 282 mm | 215 x 108 x 348 mm | 215 x 98 x 334 mm | 205 x 100 x 270 mm |
| Weight | 3.4 kg | 4.4 kg | 4.2 kg | 2.4 kg |
| SPEAKER SECTION | | | | |
| Speaker Type | 2-way, bass reflex | 2-way, bass reflex | 2-way, bass reflex | 2-way, bass reflex |
| Drivers | | | | |
| Woofer | 12 cm OMF diaphragm | 12 cm OMF diaphragm | 12 cm OMF diaphragm | 10 cm cone |
| Tweeter | 2.5 cm soft-dome | 2.5 cm soft-dome | 2.5 cm soft-dome | 2.0 cm balanced-dome |
| Frequency Response | 55 Hz–35 kHz | 55 Hz–35 kHz | 55 Hz–35 kHz | 55 Hz–50 kHz |
| Crossover Frequency | 3 kHz | 3 kHz | 3 kHz | 4.5 kHz |
| Output Sound Pressure Level | 85 dB/W/m | 85 dB/W/m | 85 dB/W/m | 82 dB/W/m |
| Max. Input Power | 80 W | 70 W | 70 W | 30 W |
| Nominal Impedance | 4 Ω | 4 Ω | 4 Ω | 6 Ω |
| GENERAL | | | | |
| Dimensions (W x H x D) | 170 x 283 x 230 mm | 150 x 250 x 229 mm | 150 x 250 x 229 mm | 130 x 210 x 172 mm |
| Weight | 3.7 kg | 3.2 kg | 3.2 kg | 1.6 kg |

ONKYO®

Onkyo Sound & Vision Corporation

2-1 Nisshin-cho, Neyagawa-shi, Osaka 572-8540, JAPAN

<http://www.onkyo.com/>

Onkyo Europe Electronics GmbH

Liegnitzerstrasse 6, 82194 Grobenzell, GERMANY

Tel: 49-8142-4401-0 Fax: 49-8142-4401-555 <http://www.eu.onkyo.com/>

Onkyo Europe Electronics GmbH (UK Branch)

The Coach House, 81A High Street, Marlow, Buckinghamshire SL7 1AB,

UNITED KINGDOM Tel: +44(0)1628-473350 Fax: +44(0)1628-401700

<http://www.onkyo.co.uk/>

Europe

GB

Catalog No. 11C04

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. THX, THX Ultra2 Plus, THX Select2 Plus, THX I/S Plus, and the THX logo are trademarks of THX Ltd., which are registered in some jurisdictions. All rights reserved.

Manufactured under license from Dolby Laboratories. Dolby, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories. DTS, the Symbol, and DTS + the Symbol together are registered trademarks, and the DTS logos are trademarks, of DTS, Inc.

HQV, StreamClean, and Auto HQV are trademarks or registered trademarks of Integrated Device Technology, Inc.

Manufactured under license from Audyssey Laboratories. U.S. and foreign patents pending. Audyssey MultEQ XT32, Audyssey MultEQ XT, Audyssey 2EQ, Audyssey Dynamic EQ, and Audyssey Dynamic Volume are registered trademarks and Audyssey DSX is a trademark of Audyssey Laboratories.

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

iPad, iPhone, iPod, iPod classic, iPod nano, iPod shuffle, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. "Made for iPod", "Made for iPhone" and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

Android is a trademark of Google Inc.

Odeo and QuietVideo are trademarks of Marvell or its affiliates.

Windows 7, Windows Media, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

DivX Certified® to play DivX® and DivX Plus HD (H.264/MKV) video up to 1080p HD, including premium content.

Blu-ray Disc, Blu-ray, Blu-ray 3D, BD-Live, BONUSVIEW, and the logos are trademarks of the Blu-ray Disc Association.

x.v.Color is a trademark of Sony Corporation.

AVCHD and the AVCHD logo are trademarks of Panasonic Corporation and Sony Corporation.

WRAT, VLSC, Theater-Dimensional, CinemaFILTER, Music Optimizer, and OMF are trademarks of Onkyo Corporation.

All other trademarks and registered trademarks are the property of their respective holders.