

DENON®

FORWARD LISTENING.



Portfolio 15 | 16



When talking sound, Denon has always been a forerunner.

For over a century, we've been developing products, leading in technology and design. Improving on what went before, that's our benchmark for every year. If you listen to music with a Denon, you can expect nothing less than the best. So you can keep one thing in mind: Whatever we're up to, it is going forward.

This year's portfolio definitely sets a new landmark in the world of sound. With our AVRs already known to be top-class, the new X-series takes another huge step. These vibrant powerful units are

fully loaded with 3D-sound capabilities, creating a home cinema experience like no other.

As with all our products, there is a lot more to discover, like the all-new Denon Design Series. We are also introducing a completely new category: HEOS by Denon. Take a look and see what makes this year's line-up our most innovative ever.

Enjoy,
The people at Denon

TOMORROW'S SOUNDS. TODAY.







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Integrated Network A/V-Receivers

BLOCKBUSTING 3D SOUND.

Be prepared for home entertainment of another kind.

Discover a new cinematic experience with the X-series A/V-Receivers. Dolby Atmos delivers a stunning room-filling, eruptive sound with power and depth where every detail comes alive from all directions - even from above. Go for Auro-3D or DTS:X and you'll drive your all-around sound sky high.

But the AVRs wouldn't be a Denon if there weren't more top features. All HDMI outputs support the HDCP 2.2 protocol for transmission of copy-protected 4K video. And speaking of 4K there's full rate 4K 60HZ processing with 4:4:4 colour resolution and the ability to upscale content to 4K Ultra HD.

All the latest connectivity options are covered too, with all AVRs able to operate wirelessly as part of your home network and with Bluetooth® for streaming music from your smartphone. Are the Denon AVRs ahead of the game again? Well, see for yourself.



AVR-X7200WA

9.2 CHANNEL INTEGRATED NETWORK RECEIVER

Marvel at the new mothership of the Denon AVR fleet. If you could wish for an AVR that excels in literally every aspect – the AVR-X7200WA is the answer. With its 9 discrete channels delivering 210 Watts each, this amplifier is a true powerhouse of home cinema. This unit's abilities are impressive: The lavish 11.2 channel processing capability in tandem with Dolby Atmos, support for Auro-3D and DTS:X and HDCP 2.2 protocol, 4K video processing and scaling, high resolution audio playback and AL32 Processing Multi Channel will give you an earth-shaking home entertainment experience. Needless to say that this flagship features the complete set of network functionalities.

9.2 channel AV Receiver with 210 W per channel // 11.2 channel processing; 13.2 channel pre-outs // Monolithic amplifier design (L/R separated) with Denon custom made transistors // D.D.S.C.-HD32 with AL32 Processing Multi Channel // Built-in WiFi with dual antenna; built-in Bluetooth® // 4K 60 Hz full-rate pass-through and 4:4:4 colour resolution, HDR, BT.2020 // Video Scaling of analogue and digital video signal up to 4K 60/50Hz // 8 HDMI inputs (incl. 1 front) and 3 HDMI outputs (2 main + zone out) with full HDCP 2.2 support // Dolby Atmos up to 5.1.2, 5.1.4, 7.1.2, 7.1.4*, 9.1.2* (* with additional 2 ch amplifier) // DTS:X ready (via firmware update) // Auro-3D, Auromatic (up to 10.1 ch*; paid Upgrade) // Audyssey MultEQ XT32 (Pro ready), Sub EQ and LFC // DSD, FLAC, ALAC and AIFF High Resolution audio streaming // AirPlay, Spotify Connect, Internet Radio // 3 zones / 3 sources // Front panel USB input



WATCH THIS VIDEO AT
denon.eu/avr-x7200wa

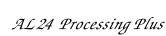


AVR-X6200W

9.2 CHANNEL INTEGRATED NETWORK RECEIVER

The AVR-X6200W is a powerful 9 channel amplifier with 11.2 channel processing and 13.2 pre-out. A discrete monolithic amplifier with custom made DHCT (Denon High Current Transistors), to be precise. With an advanced video processing and switching section, the AVR-6200W features full 4K Ultra HD connectivity including 4K scaling, HDMI 2.0a and HDCP 2.2 compliance. Featuring Dolby Atmos and DTS:X object-based surround sound formats, plus an upgrade option to Auro-3D, the AVR-X6200W is ready for the most complete blockbusting 3D sound. Triple HDMI outputs with multisource/multi-zone functionality and integrated Audyssey MultEQ XT32/LFC guarantee the ideal calibration of your setup. Featuring dual Wi-Fi antenna and on board Bluetooth®, it is perfectly set for all wireless services including Spotify Connect, AirPlay and Internet Radio.

9.2 channel AV Receiver with 205 W per channel // 11.2 channel processing; 13.2 channel pre-outs // Monolithic amplifier design with Denon custom made transistors // D.D.S.C.-HD with AL24 Processing // Built-in WiFi with dual antenna; built-in Bluetooth® // 4K 60 Hz full-rate pass-through and 4:4:4 colour resolution, HDR, BT.2020 // Video Scaling of analogue and digital video signal up to 4K 60/50 Hz // 8 HDMI inputs (incl. 1 front) and 3 HDMI outputs (2 main + zone out) with full HDCP 2.2 support // Dolby Atmos up to 5.1.2, 5.1.4, 7.1.2, 7.1.4*, 9.1.2* (*with additional 2 ch amplifier) // DTS:X ready (via firmware update) // Auro-3D, Aromatic (up to 10.1 ch*; paid Upgrade) // Audyssey MultEQ XT32 (Pro ready), Sub EQ and LFC // DSD, FLAC, ALAC and AIFF High Resolution audio streaming // AirPlay, Spotify Connect, Internet Radio // 3 zones / 3 sources // Front panel USB input



WATCH THIS VIDEO AT
denon.eu/avr-x6200w



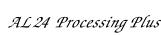


AVR-X4200W

7.2 CHANNEL INTEGRATED NETWORK RECEIVER

Listen to this heavyweight of an AVR, and it's hard to come back down to earth again. The amplifier features 7 channels with 9.2 processing and 13.2 preout. You can enjoy the Next Generation sound format Dolby Atmos for immaculate audio, even upgrade to Auro-3D and DTS:X. All 8 HDMI 2.0a inputs are capable of handling 4K 60 Hz pass through while the HDMI-outputs support the latest HDCP 2.2 protocol for the transmission of copy-protected 4K video. And the AVR-X4200W also counts 4K 60 Hz and 1080p upscaling to its qualities. And this is just the start.

7.2 channel AV Receiver with 200 W per channel // 9.2 channel processing; 13.2 channel pre-outs // D.D.S.C.-HD with AL24 Processing // Built-in WiFi with dual antenna; built-in Bluetooth® // 4K / 60 Hz full-rate pass-through and 4:4:4 colour resolution, HDR, BT.2020 // Video Scaling of analogue and digital video signal up to 4K 60/50Hz // 8 HDMI inputs (incl. 1 front) and 3 HDMI outputs (2 main + zone out) with full HDCP 2.2 support // Dolby Atmos up to 5.1.4 or 7.1.2 (* with additional 2 ch amplifier) // DTS:X ready (via firmware update) // Auro-3D, Auromatic (up to 9.1 ch*; paid Upgrade) // Audyssey MultEQ XT32 (Pro ready), Sub EQ and LFC // DSD, FLAC, ALAC and AIFF High Resolution audio streaming // AirPlay, Spotify Connect, Internet Radio // 3 zones / 3 sources // Front panel USB input



WATCH THIS VIDEO AT
denon.eu/avr-x4200w



AVR-X3200W

7.2 CHANNEL INTEGRATED NETWORK RECEIVER

Ready for action, the AVR-X3200W puts in a thrilling 180 Watts per channel and Dolby Atmos for all encompassing surround sound. Featuring 7 + 1 HDMI 2.0a inputs with the latest HDMI specification and 4K 60 Hz pass through as well as 4K 60 Hz and 1080p upscaling, this receiver also sports a dual Wi-Fi antenna and built-in Bluetooth® for wireless services.

7.2 channel AV Receiver with 180 W per channel // Built-in WiFi with dual antenna; built-in Bluetooth® // 4K 60 Hz full-rate pass-through and 4:4:4 colour resolution, HDR, BT.2020 // Video Scaling of analogue and digital video signal up to 4K 60/50Hz // 8 HDMI inputs (incl. 1 front) and 2 HDMI outputs with full HDCP 2.2 support // Dolby Atmos (up to 5.1.2) // DTS:X ready (via firmware update) // Audyssey MultEQ XT room equalization // DSD, FLAC, ALAC and AIFF High Resolution audio streaming // AirPlay, Spotify Connect, Internet Radio // ECO mode with off/on/auto setting // RS232 control, 7.2 ch pre-outs // Front panel USB input



WATCH THIS VIDEO AT
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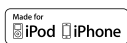
WHAT HI-FI?
★★★★★
AVR-X2200W
AUGUST 2015

AVR-X2200W

7.2 CHANNEL INTEGRATED NETWORK RECEIVER

Get your sound all fired up with this receiver. The AVR-X2200W has an impressive amplifier section of 7 x 150 Watts, while Dolby Atmos, DTS:X preparation and the latest HDMI 2.0a technology with 4K 60 Hz pass through are also on board. Wireless connectivity is covered by dual Wi-Fi antenna and Bluetooth®.

7.2 channel AV Receiver with 150 W per channel // Built-in WiFi with dual antenna; built-in Bluetooth® // 4K 60 Hz full-rate pass-through and 4:4:4 colour resolution // Video Scaling of analogue and digital video signal up to 4K 30/25/24 Hz // 8 HDMI inputs (incl. 1 front) and 2 HDMI outputs with full HDCP 2.2 support // Dolby Atmos (up to 5.1.2) // DTS:X ready (via firmware update) // Audyssey MultEQ XT room equalization // DSD, FLAC, ALAC and AIFF High Resolution audio streaming // AirPlay, Spotify Connect, Internet Radio // ECO mode with off/on/auto setting // Front panel USB input



WATCH THIS VIDEO AT
denon.eu/avr-x2200w



AVR-X1200W

7.2 CHANNEL INTEGRATED NETWORK RECEIVER

The AVR-X1200W comes with 7 fully discrete channels delivering 145 Watts of power each. With Dolby Atmos built-in and DTS:X ready, this model can handle almost any audio. Its six HDMI inputs with full HDCP 2.2 support are able to handle 4 K 60 Hz pass through. Did we mention it features complete network functionality?

7.2 channel AV Receiver with 145 W per channel // Built-in WiFi with dual antenna; built-in Bluetooth® // 4K 60 Hz full-rate pass-through and 4:4:4 colour resolution // 6 HDMI inputs (incl. 1 front) with full HDCP 2.2 support // Dolby Atmos (up to 5.1.2) // DTS:X ready (via firmware update) // Audyssey MultEQ XT room equalization // DSD, FLAC, ALAC and AIFF High Resolution audio streaming // AirPlay, Spotify Connect, Internet Radio // ECO mode with off/on/auto setting // Front panel USB input



WATCH THIS VIDEO AT
denon.eu/avr-x1200w



AVR-X520BT

5.2 INTEGRATED RECEIVER WITH BLUETOOTH®

It may be the entry-level model but this receiver is still feature-rich. Its 5.2 channels deliver impressive surround sound in our renowned audio quality. And like its bigger siblings it sports full-rate 4 K 60 Hz Ultra HD capabilities. Get the Denon 500 series remote app and completely control the AVR-X520BT via Bluetooth®. This includes streaming your favourite music, of course.

5.2 channel AV Receiver with 130 W per channel // 4K 60Hz full-rate pass-through (3 designated HDMI inputs) // 5 HDMI inputs with full HDCP 2.2 support on 3 HDMI inputs // Built-in Bluetooth® // Auto setup by microphone and room EQ // Front panel USB input // Denon Bluetooth® Remote App (Denon 500 Series Remote)



WATCH THIS VIDEO AT
denon.eu/avr-x520bt



Blu-ray Universal Players



If you're looking for the ultimate match, complete your home cinema set-up in a simple yet brilliant way: Pair your Denon AVR with our award-winning Universal Audio/Video player.

The DBT-3313UD meets the highest demands in technology and versatility. And that's not just what we say: Numerous tests have proved it over and over again. The robust materials and fully shielded drive mechanism reduce any vibrations that can compromise the picture and sound.

PERFECTION IS STATED.





DBT-3313UD

UNIVERSAL DISC TRANSPORTER

This universal disc player is one talented fellow. Not only does it play Blu-ray, DVD, CD, Super Audio CD and DVD Audio discs, but it also lets you stream online video from sources like Netflix or YouTube to your home cinema set up. With its quality build and its multiple connectivity options it is clearly cut above every rival players.

Universal Blu-ray Disc Transport that also plays DVD, CD, Super Audio CD and DVD-Audio // Denon Link HD for high class digital transmission // Dual HDMI output and Pure Direct mode // Fully shielded fast loading Denon S.V.H. (Suppress Vibration Hybrid)- mechanism // 4 independent block construction, for faithful playback of audio and video signals // Rigid chassis with double layer top and bottom plate // No fan construction for silent operation // DLNA support for Network streaming (audio/video/photo) // YouTube Leanback streaming and Netflix* video on demand support // Support for DivX Plus HD // Available in black and premium silver // * This feature is not available in all countries.





**Tired of the flat sound of your flat TV?
Wondering if you can turn a kitty into a
predator? Well, luckily you can.**

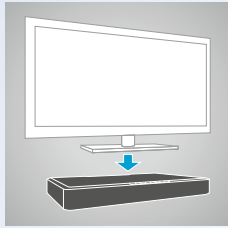
Our TV solutions may look sleek but they deliver a majestic sound. We had to break a lot of new ground to achieve this. Combining true Denon sound with excellent design - and all to critical acclaim.

To finish with another animal metaphor: Now it's your turn to mount your horse and ride off into a new era of TV sound.



TV-Speakers

**MAKE THE LION
ROAR
AGAIN.**



DHT-T110

TV SPEAKER BASE

With this one you simply hit the bull's eye: Clarity of dialogue. Depth of bass. Sharpness of highs. Vibrancy of special effects. No matter how flat your TV's body is, you'll have all of this by the score. The new Denon DHT-T110 is a mono piece constructed to tune your TV's audio in exactly the way it is meant to be heard. This all-in-one sound solution connects with only one cable to your TV and fits most TVs up to 50". By the way, if you can't get enough of the DHT-T110's sound, make it play your favourite songs in Denon quality: it's an impressive Bluetooth® speaker, too.

Great sound with easy TV connectivity // TV up to 27 kg can be placed upon the soundbase // Analogue and digital audio input // Bluetooth® apt-X connectivity for portable devices // Sound mode: Dialogue, Movie & Music // Powerful sound without subwoofer due to advanced audio processing // Acquires codes from existing TV remote // Simple remote included for ease of use // Available in black



WATCH THIS VIDEO AT
denon.eu/dht-t110



DHT-S514

SOUNDBAR

Ready to enjoy sound that gets you on the edge of your seat? The DHT-S514 soundbar and its flexible wireless subwoofer will dramatically improve your TV experience. Rich, room-filling sound across the complete range: the deep and dramatic bass from the subwoofer, the clear mids and detailed highs from the multi-driver high fidelity soundbar. Amplified with an overall 175 Watts of power, it's able to make your room shake! Certainly, the crisp sound works just as well at low volume levels. Other features? Dolby Digital and DTS decoding are on board. A dedicated night mode prevents sudden raise in volume. Sounds good? You bet it does.

Elegant soundbar with powerful, wireless subwoofer // High quality soundbar designed for use with TVs that are 42" or more // Wall and rack mountable (height adjustable feet) // HDMI input and output with ARC, analogue and digital audio input // Bluetooth® apt-X connectivity for portable devices // Sound mode: Dialogue, Movie & Music // Acquires codes from existing TV remote // Simple remote included for ease of use // Available in black





DENON



DENON



PHONES



LOUDNESS



SOURCE DIRECT



BASS



TREBLE



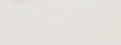
BALANCE



High Level

Low Level

PHONES





ORIGIN IS KEY.

While going forward with seven-league boots we always carry our heritage with us. It is the idea to reproduce sound in the exact way the artist intended. That's the guiding principle of Denon since the beginning.

When it comes to engineering the best sound, we take it very seriously. There's a reason why we called our Hi-Fi products "precision audio components" in the early years. And our approach hasn't changed since.

Every Hi-Fi component that carries our name is built in the spirit to deliver the ultimate audio performance. But now and then the way we listen to our favourite music changes. Streaming digital audio from portable devices or computers has become a popular way of enjoying

music. For those music lovers who want to elevate computer-sourced digital audio tracks to purist audiophile levels, there are our stand-alone digital audio converters like the DA-300USB. With its precise and flawless reproduction of sound it is a Denon component to the core.



DA-300USB

HIGH RESOLUTION D/A CONVERTER

Enhance your digitally stored or streamed sounds and listen to them in High-Fidelity quality. Denon's DA-300USB D/A converter and headphone amplifier delivers superb sound without compromise. Equipped with a range of advanced digital technologies, the DA-300USB connects via asynchronous USB to the computer and features the ability to decode both PCM (traditional digital audio format) and DSD (Direct Stream Digital – the advanced digital audio format of SACD). For the connection to other digital audio sources, the DA-300USB also features three digital audio inputs – two optical and one coaxial. Featuring audiophile grade construction with the highest quality component parts and circuit design, the DA-300USB delivers a level of sound quality on par with Denon's highly praised universal disc players.

USB-DAC with USB-B, 1 x coaxial and 2 x optical input // Advanced AL32 Processing + Ultra Precision 192 kHz / 32-bit D/A Converter // USB-B works in asynchronous mode and supports ASIO and WASAPI // DSD2.8 and DSD5.6 native support by DoP (DSD over PCM) // SPDIF input (optical/coaxial) up to 192/24 for upgrading other equipment // DAC Master Design with independent crystal for 44.1 and 48 kHz // High quality fixed level analogue output for direct connection to a Hi-Fi system // High quality headphone output with volume control // Horizontal and vertical placement – display rotates automatically // Available in silver

PCM & DSD ➔ USB-B DIGITAL INPUT ADVANCED AL32 PROCESSING





DA-10

HEADPHONE AMPLIFIER WITH D/A CONVERTER

A world of sound that fits in the palm of your hand: The Denon DA-10 is a sound gem that boosts the sound quality of smartphones, tablets and laptops, wherever you are listening. The DA-10 takes the audio signal from your device and by means of digital to analogue conversion, dramatically improves the audio stages. It also allows you to drive higher quality headphones effortlessly. In addition, the DA-10 makes your analogue home Hi-Fi system digitally compatible – you can now enjoy all your stored digital music in the best audio quality. Despite its diminutive size, it delivers Denon High Quality Sound thanks to integrated Advanced AL32 Processing. It adeptly handles high resolution audio up to 192 kHz / 24-bit, comes with DSD 2.8 and 5.6 capabilities, delivering a new level of sound quality from any source. For all your connection needs, USB-A, USB-B micro and AUX input are on board.

Smartphone size portable DAC // High quality headphone amplifier with volume control // Gain switch to operate with different type of HPs easily // Best Denon Audio quality for Apple iDevice via USB-A and analogue input // Ultra Precision 192 kHz / 32-bit D/A Converter PCM1795 // Advanced AL32 processing // USB Micro-B input for direct connectivity to a computer // High Resolution Audio support up to 192/24 and DSD2.8 & 5.6 // Asynchronous mode and support of ASIO and WASAPI // Fixed analogue output mode to upgrade existing Hi-Fi system // Mini Jack (AUX) analogue input for Android device or portable device // Rechargeable battery lifetime up to 8h // Gold plated HP Jack // Aluminium body (premium silver)



PCM & DSD ➔ micro USB-B

ADVANCED AL32 PROCESSING





DCD-2020AE

CD/SACD PLAYER WITH USB-DAC

The DCD-2020AE is a masterpiece of sound technology, offering ultimate quality not just from CD or SACD, but also straight from your computer, thanks to an embedded D/A converter. With 192 kHz / 32-bit conversion and further features like its Advanced AL32 processor, this player guarantees a high resolution treat to expert ears, no matter what source you choose to play from.

Advanced AL32 Processing + Ultra Precision 192 kHz / 32-bit D/A Converter // DAC Master Clock Circuit Design to suppress jitter and noise // Direct Mechanical Ground Construction to minimize unwanted vibration // Carefully designed construction, minimum signal paths and selected Hi-Fi parts to preserve audio signal purity // Original drive mechanism, the heart of Denon's digital Disc playback technology, with S.V.H. (Suppress Vibration Hybrid) loader // Engineering concept of complete separation of digital and analogue circuits // Pure Direct Mode // Front USB input: iPod® / iPhone® digital compatible // Rear USB-B input: asynchronous mode and 192 kHz / 24-bit capable for direct PC audio streaming // SPDIF input (optical/coaxial) for upgrading other equipment // Available in premium silver

ADVANCED AL32 PROCESSING   MP3 WMA    PC DIRECT  USB-B

PMA-2020AE

INTEGRATED AMPLIFIER

The top of the range amplifier by a top of the range brand: The PMA-2020AE is an Ultra High Current amplifier for the uncompromising music connoisseur. It may look like a heavyweight but its design has been precisely and delicately engineered. With a chassis consisting of six independent blocks, the main transformer has separate power supplies for analogue and digital circuits.

Advanced Ultra High Current (UHC)-MOS Single-Push-Pull Circuit Power Amplifier // 2 x 160 W (4 ohm) output // Direct Mechanical Ground Construction to minimize unwanted vibration // Chassis construction with 6 independent blocks to eliminate noises // Leakage-cancelling-mounted twin transformers // Main transformer with separate power supplies for analogue and digital circuits // Wider dynamic range playback, supporting a high-grade audio sources // High-grade volume control for precise adjustment // Microprocessor stop mode, for higher sound quality // High performance MM & MC Phono Equalizer Amp // System remote control unit to control CD player but also amplifier and network player // Available in premium silver

ADVANCED
Ultra High Current MOS
SINGLE-PUSH-PULL CIRCUIT



DCD-1520AE

CD/SACD PLAYER WITH USB-DAC

Thanks to the integrated D/A converter, the DCD-1520AE adds ultra high resolution audio playback directly from digital sources to the list of other audio qualities. Playback of SACD, CD or USB sources reveals a versatile and musical player. All signals pass through Denon's Advanced AL32 Processing and high dynamic 192 kHz / 32-bit D/A converter. That's just so DCD-1520AE, isn't it?

SA-CD, CD playback (MP3, WMA, AAC, WAV support) // Advanced AL32 Processing and high dynamic 192 kHz / 32-bit D/A Converter // DAC mode incl. Asynchronous USB-B and opt. / coax digital in // DSD native support (DoP) // DAC master clock design, to suppress jitter and noise // Power section with digital and analog circuitry isolate from transformer coils // Precision Direct Mechanical Ground Construction, to thoroughly suppress vibration // Denon S.V.H. (Suppress Vibration Hybrid) -mechanism // Front USB input: Made for iPod® / iPhone® // System remote control unit to control CD player but also amplifier and network player // Available in black and premium silver

ADVANCED *AL32* PROCESSING



MP3 WMA



PCM & DSD



PMA-1520AE

INTEGRATED AMPLIFIER

With an Advanced Ultra-High Current (UHC)-MOS Single Push-Pull Circuit delivering 2 x 140 Watts, the PMA-1520AE produces utterly transparent and detailed sound. Perfectly matched with the DCD-1520AE, it embodies the essence of stereo.

Advanced Ultra-High Current (UHC)-MOS Single Push-Pull Circuit with 2 x 140 W (4 ohm) // High-current, dynamic power supply, to support high speed and large current flow // Direct Mechanical Ground Construction to minimise unwanted vibration // Leakage-cancelling-mounted twin transformers // Shotky diodes and selected parts // High-grade volume control for precise adjustment // Solid heat sink to suppress vibration caused by resonance point // Microprocessor Stop Mode // Gold-plated speaker terminals // High-performance phono equaliser // Available in black and premium silver

ADVANCED
Ultra High Current MOS
SPEAKER TERMINAL DRIVER



DCD-720AE

CD-PLAYER

Packed with Denon premium technology including AL32 Processing for crystal clear and detailed sound, this player is truly focussed on the immaculate playback of CDs. Alternatively, connect to a USB source or iDevice using the integrated USB functionality.

AL32 Processing and high-precision 192 kHz / 32-bit D/A converter // DAC-Master Clock design // Pure Direct mode to preserve audio signal purity // Thoroughly vibration-resistant design with Direct Mechanical Ground Construction // Carefully designed construction to preserve audio signal purity // Strictly selected parts for high sound quality // Front USB input: iPod® / iPhone® digital compatible // MP3 / WMA playback (USB, CD-R/RW) // Aluminium panel design, befitting the elegance of an audio component // System remote control unit to control CD player but also amplifier and network player // Available in black and premium silver

AL32 PROCESSING  MP3 WMA  

PMA-720AE

INTEGRATED AMPLIFIER

King of the mid-range, the PMA-720AE is a solid and meticulously constructed amplifier bearing all core elements of the Denon Hi-Fi development department. Its high-speed, high-capacity power supply ensures a steady performance - one of its many features.

Advanced High Current (HC) Single-Push-Pull Circuit with 2 x 85 W (4 ohm) to balance musical detail and power // Wide dynamic range playback, supporting high-grade audio sources // Main transformer with separate power supplies for audio and control circuits // Microprocessor stop mode, for higher sound quality // Thoroughly vibration-resistant design with Direct Mechanical Ground Construction // 2 pair of high quality speaker terminals and Headphone jack // Phono Equalizer Amp (MM), for connecting an analogue record player // PRE OUT jack, for future upgrades // System remote control unit to control CD player but also amplifier and network player // Aluminium panel design, befitting the elegance of an audio component // Available in black and premium silver

ADVANCED
High Current
SINGLE-PUSH-PULL CIRCUIT  SLDC
SERIAL LEVEL OFFSET CONSTRUCTION



DCD-520AE

CD-PLAYER

This entry model CD-Player is a top performer, too – offering a D/A converter which is capable of delivering 192 kHz / 32-bit sound.

192 kHz / 32-bit D/A converter // DAC-Master Clock design // CD-R/CD-RW playback (MP3, WMA) // Thoroughly vibration-resistant design with Direct Mechanical Ground Construction // Carefully designed construction to preserve audio signal purity // Minimum signal path design // Strictly selected parts for high sound quality // Folder Mode function, for playing only files stored in specific folders // Aluminium panel design, befitting the elegance of an audio component // System remote control unit to control CD player but also amplifier and network player // Available in black and premium silver



MP3 WMA



PMA-520AE

INTEGRATED AMPLIFIER

Built to be the perfect match for the CD-Player of the same name, this classy and solidly constructed amplifier delivers all the basic features and techniques required to create the renowned Denon sound.

Advanced High Current (HC) Single-Push-Pull Circuit with 2 x 70 W (4 ohm) to balance musical detail and power // Wide dynamic range playback, supporting high-grade audio sources // Main transformer with separate power supplies for analogue and digital circuits // Microprocessor stop mode for higher sound quality // Thoroughly vibration-resistant design with Direct Mechanical Ground Construction // 1 pair of high quality speaker terminals // Phono Equalizer Amp (MM), for connecting an analogue record player // Headphone jack // Eco friendly with Less than 0.3 W at stand-by and auto power off // Aluminium panel design, befitting the elegance of an audio component // Available in black and premium silver





DNP-730AE

NETWORK AUDIO PLAYER

Expand your existing Hi-Fi system and unlock the power of your home network. The Denon DNP-730AE easily connects your Hi-Fi to the virtues of Spotify connect or Internet radio. When delivering music via Wi-Fi, the two diversity antennas guarantee a more reliable connection. Like any Denon, it bears qualities beyond its status: DLNA 1.5 network audio streaming, DSD, FLAC HD, ALAC support, AirPlay wireless streaming and more. All of these processed via a 192 kHz / 32-bit D/A converter, complete with jitter reducer.

DLNA1.5 network audio streaming inclusive high resolution DSD // High quality 192 kHz / 32-bit DAC plus Jitter Reducer // DSD, FLAC HD, WAV, AIFF, ALAC and Gapless playback // Spotify Connect, Internet Radio and AirPlay for wireless streaming from iDevice // Front USB input for iPhone® / iPod® and USB memory // WiFi (b/g/n) built-in with WiFi Sharing for iOS device and WPS for easy setup // WMM (WiFi Multimedia) // Denon Hi-Fi Remote App for iOS and Android plus REMOTE CONTROL terminal for AMP/CD control // High contrast 3 line OLED display // Available in black and premium silver





DP-300F

TURNTABLE

Rediscover your old favourites or simply indulge in your love of vinyl with this high-precision turntable.

High-precision diecast aluminium turntable // Refined external design with a gloss coating // Fully automatic system for easy operation // Straight tone arm to bring out the maximum performance of cartridges with superior tracing capabilities // Includes high-grade MM cartridge // Built-in phono equaliser // Manual arm lifter // Replaceable cartridge (4.5 - 9.5 g) // Dedicated shell // Available in black and premium silver // This model is not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.



DP-200USB

TURNTABLE

This time machine lets you convert tracks from vinyl to digital audio files via built-in USB functionality.

Import tracks from analogue records to USB memory without a PC // Includes PC software for editing tracks // High-precision diecast aluminium turntable // Automated system for easy operation // Built-in phono equalizer // Available in black and premium silver // This model is not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.



DP-29F

TURNTABLE

Need an affordable turntable to spin your vinyl - look no further.

High-precision diecast aluminium turntable // Automated system for easy operation // Built-in phono equaliser // Available in premium silver // This model is not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.



DL-103

MC CARTRIDGE



DL-110

HIGH OUTPUT MC CARTRIDGE



DL-103R

MC CARTRIDGE



DL-304

MC CARTRIDGE

Cartridges are not available in all countries. For details, please contact the authorized dealer on the back of this catalogue.



D-F109 / D-F109DAB*

MINI COMPONENT SYSTEM

Don't judge the D-F109 by its diminutive size: this compact system produces serious Hi-Fi sonics. Fully digital sound engineering makes this mini system a top performer. Embedded Ethernet and Wi-Fi functionality let you enjoy a number of benefits from AirPlay to Internet radio.

DNP-F109 network Audio player // Network audio player with WiFi and Ethernet connectivity // DLNA 1.5 certified for reliable audio streaming and wide compatibility // AirPlay direct music streaming from iPad®, iPhone®, iPod touch® and iTunes library // "Play to" from WMP12 or higher // Supports WMA, MP3, WAV, AAC, FLAC, WMA lossless (Transcode) and FLAC HD 192/24 // Internet radio by vTuner // Direct play for iPod® / iPhone® via rear USB // Coaxial digital and analogue output // Denon Remote App for iOS and Android // Available in black and premium silver // **DRA-F109 / DRA-F109DAB* receiver** // Simple and straight circuit design // 65 W x 2 (4 ohms) High Power Output // DAB/DAB+ tuner* // Coaxial digital inputs for DNP-F109 and DCD-F109 // Optical digital input for system expansion (TV or other digital gear) // 2-line front display, to easily identify broadcast stations // Easy timer setting // Newly developed remote controller // Denon Remote Connector for App control in combination with DNP-F109 // Available in black and premium silver // **DCD-F109 CD player** // Clean and pure sound // Minimum signal path // Minimum CD pick up signal path // Coaxial digital output // Front USB input: iPod® / iPhone® digital compatible // MP3 / WMA playback (USB, CD-R/RW) // Aluminium panel design // 2-line front display, to easily identify music tracks // Denon Remote Connector for App control in combination with DNP-F109 // Available in black and premium silver // **SC-F109 Speaker System** // 2-Way speaker system with 12 cm woofer and 2.5 cm soft dome tweeter // Crossover network, to separate woofer and tweeter to reproduce the smoothness of natural sound // Born from European sound design and Denon collaboration // * DAB versions and colour combinations are not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.





WHAT HI-FI?
★★★★★
D-M40
AUGUST 2015

D-M40 / D-M40DAB*

MICRO HI-FI SYSTEM

Following in the footsteps of the multi-award winning D-M39, the new D-M40 micro Hi-Fi system delivers an impressive sound performance. The CD Receiver RCD-M40, along with the optimised two-way speaker system SC-M40 is the latest offspring of Denon's acclaimed M-Series. It has continually evolved to meet the needs of the modern day audio enthusiast. The latest models come with improved connectivity options such as two digital optical inputs to hook up a TV, set-top box or other digital gear. If you're looking for impeccable quality in a compact design, here it is.

D-M40 / D-M40DAB* // Updated cosmetic design // "Simple & Straight" circuit design minimizing distortion from the input selector, electronic volume and power amp for sound purity and free of colouration // Triple Noise Reduction Design (T.N.R.D.) to preserve signal purity // High quality headphone amp with gain control // Digitally transmitted audio from iPod® / iPhone® (via USB) for best sound quality // iDevice charging even in standby mode // USB port supports MP3, WMA, FLAC, WAV and AAC // 2 optical digital inputs for amplified TV playback or other digital gear // Speaker Optimizer circuit for high quality sound with // **SC-M40 speaker system** // High Quality Speaker Terminals // Easy-to-use remote control handset // *DAB versions and colour combinations are not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.







Design Series

REAL HIFI FOR TODAY'S LIFESTYLES.

To transfer our vast audio know-how into new styles brings us a special satisfaction.

You have to take a look at the result: the new Denon Design Series featuring DCD-50, PMA-50 and DRA-100. Developed to enjoy sound at the highest level with the latest high-resolution audio sources. And you'll agree, this system is a real beauty. Whatever source you choose, the Denon Design Series will deal with it elegantly.



DRA-100

NETWORK RECEIVER

Say hello to the newest entry in the Denon Design Series: The classy DRA-100 Network Receiver. Sporting a sleek aluminium body and two-tone design, it boasts a 2 x 70 Watts digital amplifier with Advanced AL32 processing, network streaming capabilities, gapless playback and, of course, high resolution audio. Also, an OLED Display, a USB-A connection, two optical and one coaxial input and Spotify Connect are present and correct.

Fully digital Hi-Fi Stereo Network Receiver in an aluminum cabinet // Denon's award winning sound technology including Advanced AL32 Processing // Master Clock Design // 2 x 70 W (4 ohms) // Built-in Wi-Fi and Bluetooth® // Supports Internet Radio, Apple AirPlay streaming and Spotify Connect // Supports Hi-res Audio (WAV, FLAC, AIFF 192 kHz / 24-bit, ALAC, DSD 2.8/5.6 MHz) over DLNA // Two optical and one coaxial digital inputs for connectivity of external devices // Front USB-A input for iDevices and USB Mass Storage Devices (supporting WMA, MP3, AAC, WAV 192/24, FLAC 192/24, AIFF 192/24, ALAC, DSD 2.8 / 5.6 MHz) // Auto Standby and low power consumption at stand-by

ADVANCED AL32 PROCESSING





PMA-50

DIGITAL INTEGRATED AMPLIFIER

The PMA-50 integrated amplifier comes with analogue and digital connectivity. For the best performance from the digital inputs it features Denon's Advanced AL32 digital audio processing system and offers Bluetooth® Connectivity with NFC and Multi-Point. Streaming your audio from portable devices is a piece of cake. The PMA-50 is even equipped with a dedicated headphone amplifier circuit. Whichever way you look at it, the Design Series has it all.

High quality sounding Stereo Amplifier // USB-B DAC for Computer-Direct connectivity and high-resolution audio reproduction // Digital optical / coaxial and analogue inputs // Bluetooth® aptX® Low Latency CD quality wireless streaming with NFC pairing // 50 W per channel (4 ohms) Full Digital Processing Amplifier // Advanced AL32 Processing // Subwoofer pre-output for system expansion // Dedicated headphone amplifier circuit // Horizontal or vertical placement with rotating display // Easy-to-use remote control // Auto Standby and low power consumption at stand-by

ADVANCED AL32 PROCESSING



Bluetooth®



DCD-50

CD PLAYER

The DCD-50 is the perfect companion to the PMA-50. Yes, sometimes we can't stop eyeballing it, too. But despite its striking beauty the DCD-50 also arrives crammed with features. For instance, a high quality D/A conversion block with 192 kHz / 32-bit D/A converter delivers wide dynamic range, along with extremely low noise and distortion. Its slot-in CD mechanism handles CD audio and MP3 / WMA discs while its rotating display lets you place it both horizontally or vertically.

High quality CD Transporter/Player, best matching with Denon PMA-50 // Slot-in CD mechanism, supporting CD audio and MP3 / WMA discs // Digital Coaxial output // 192 kHz / 32-bit D/A converter with analogue output (RCA) // High-grade audio components // Horizontal or vertical placement with rotating display // Easy-to-use remote control // Auto Standby and low power consumption at stand-by





When the ENVAYA stepped into the spotlight last year, it made a big impact. It delivered the famous Denon sound but on the move - and was ready to rock the house down. This year we'd like to introduce its little brother.

Firstly you will be amazed at how a pint-sized Bluetooth® speaker can produce such a big sound. Then you'll be stunned by the quality of sound – and want to take it everywhere you go.



Portable Bluetooth® Speakers

**COME AWAY
WITH ME.**





Envaya

PORTABLE PREMIUM BLUETOOTH® SPEAKER

If you've got it, flaunt it! What comes out of this is pure audio happiness. Created by Hi-Fi specialists, the Envaya™ Portable Bluetooth® Speaker delivers an extraordinary sound. Thanks to dual 'oversized' proprietary drivers paired with a large passive bass radiator it rocks above and beyond anything that a conventional compact speaker system can come up with. You think we boast too much? We haven't even started! Check these features: studio-quality sound processing, the latest Bluetooth® aptX® Low Latency streaming technology for CD-quality playback, approx. 10 hours battery life to play from any Bluetooth® capable source, integrated NFC 'pairing' to easily connect up to 3 devices at the same time, even 8 can be remembered. And hey, there's even a little eye candy for you: every Envaya™ comes with 4 grille cloths in different colours to match your mood.

Denon developed a stereo speaker system with dual 57 mm drivers and a 100 mm passive radiator that are integrated with a suite of patented digital processing technologies to provide extraordinary sound reproduction // Bluetooth® aptX® Low Latency streaming offers CD quality audio // NFC® Pairing: incredibly fast and easy Bluetooth® pairing with no buttons to press (requires NFC enabled device) // Integrated Stand: squeeze and pop-out kick-stand with rubber foot for stable placement on any surface // Up to approx. 10 hours rechargeable battery life // Quick charging (2.5 hours) // USB Mobile charging: charges mobile devices on-the-go // AUX input connects any devices with an analogue audio output // 100-240 V power adapter, includes multiple plugs for use throughout the world // Dimensions (W x H x D) 255 x 141 x 47.5 mm // Weight: 1.28 kg // Optional carrying bag available // Available in black or white with four interchangeable grille cloth covers (lunar, indigo, fandango, and sunset)



WATCH THIS VIDEO AT
denon.eu/dsb200





Envaya Mini

PORTABLE PREMIUM BLUETOOTH® SPEAKER

Sharply styled, highly gifted – here's your newest travel companion. The Envaya™ Mini Portable Bluetooth® Speaker delivers the same Denon sound quality, but in an even more compact, suave, colourful and water resistant package. It offers CD quality audio streaming over Bluetooth® minimising latency and 'lipsync' issues, while widened 3D audio image produces spacious music, movie and gaming soundtracks. So, grab your tablet or smartphone, go to the beach and party! The approx. 6-hour battery life means the music will last all night. Want to invite some friends? You can call them on the spot thanks to a built-in noise-cancelling speaker phone.

Dual 40 mm Full Range Drivers plus 40 x 83 mm passive radiator: offers you superb sound and punchy bass // NFC Pairing: Incredibly Fast & Easy Pairing (no buttons touched) // Integrated Microphone with noise cancelling: for speaker phone functionality // Carrying bag included





DENON

DENON

Network Audio
> Love music!
11:15

GCN



Network Music Systems

ONE, TWO, FREEDOM.

The possibilities are endless with the CEOL audio systems. If you're a passionate streamer, you'll love the freedom of sound.

The CEOLs have been part of the Denon family for some time now. They have lost nothing of their beauty and are as vital as ever. Whichever music source you choose to spin, the CEOL Network Music Systems get out every bit of sound.



CEOL

NETWORK CD-RECEIVER MUSIC SYSTEM

Is there a network system as beautiful and versatile as this? The Denon CEOL sets the bar so high that winning awards is just the icing on the cake. This year's set-up is as formidable as ever. With 2 x 65 Watts power output it fills your world with music from practically any source: Bluetooth®, Wi-Fi, Streaming, Internet Radio, Spotify Connect, CD, FM and AM radio or whichever device you connect to its USB input. You're into high resolution audio? Thanks to its support for 192 kHz / 24-bit sounds and FLAC, AIFF or ALAC formats, CEOL is blasting these next generation sounds in striking quality from its dedicated speakers.

Award-winning Denon system audio design with 2 x 65 W steady power output // CD playback including WMA / MP3 (CD-R/RW) and analogue FM and AM tuner built-in // DLNA1.5 network audio streaming // WiFi (b/g/n) built-in with WiFi Sharing for iOS device and WPS for easy setup // Spotify Connect, Internet Radio and AirPlay // Gapless playback up to 192/24 (WAV, FLAC, AIFF, ALAC) // Bluetooth® and NFC for direct wireless streaming // Full Digital Processing for best audio performance from any source // Front USB input for iPhone® / iPod® and USB memory // 2 digital optical input for best sound from a TV or another digital source // High quality acrylic top lid finish for an elegance appearance // Denon Hi-Fi Remote App for convenient control via smartphone or tablet // Available in glossy black and white // **SC-N9 SPEAKER SYSTEM** // Newly designed and voiced 2-way speakers // Quality push speaker terminal // Available in glossy black and white



WATCH THIS VIDEO AT
denon.eu/ceol





CEOL Piccolo

NETWORK MUSIC SYSTEM

We may have called it Piccolo but this CEOL is as capable as its slightly bigger sibling. It has the same technical features, network skills, high quality Denon sound and award-winning design but arrives without a CD-drive, analogue radio and with a little less power output. Denon's acclaimed digital amplifier design delivers a nonetheless muscular 40 Watts per channel to the two-way hi-fidelity speakers. Enough to create a pure, room filling sound. So, don't call the piccolo small!

Award-winning Denon system audio design with 2 x 40 W steady power output // DLNA1.5 network audio streaming // WiFi (b/g/n) built-in with WiFi Sharing for iOS device and WPS for easy setup // Spotify Connect, Internet Radio and AirPlay // Gapless playback up to 192/24 (WAV, FLAC, AIFF, ALAC) // Bluetooth® and NFC for direct wireless streaming // Full Digital Processing for best audio performance from any source // Front USB input for iPhone® / iPod® and USB memory // Digital optical input for best sound from a TV or another digital source // High quality acrylic top lid finish for an elegance appearance // Denon Hi-Fi Remote App for convenient control via smartphone or tablet // Available in glossy black and white // **SC-N4 SPEAKER SYSTEM** // Newly designed and voiced 2-way speakers // Quality push speaker terminal // Available in glossy black and white



WATCH THIS VIDEO AT
denon.eu/ceol-piccolo







CEOL Carino

COMPUTER AND BLUETOOTH® AUDIO SYSTEM

Whether you place it horizontally or vertically, the CEOL Carino cannot but show off its winning design. This charming ultra-compact Bluetooth® Audio System will dramatically improve audio quality so you can better enjoy music, movies, video and gaming on your computer. It features a USB-B connection as well as Bluetooth® aptX Low Latency and NFC and to keep your desk or shelf clutter-free, cable management is included. Recently developed by our digital engineers, the Carino features DSP EQ processing to perfect the sound.

Cute, compact Computer and Bluetooth® Audio System // Rear USB-B input for direct connection to PC – no driver installation required // Bluetooth® aptX Low Latency and NFC for wireless connectivity with PC or smart device // Full Digital Processing Amplifier for steady output power // Tone control by DSP EQ processing (Wide Sound, Auto Volume Adjust) // Subwoofer pre-out and headphone output // Touch sensitive buttons for easy control // Horizontal and vertical placement – display rotates automatically // Available in black and white // **SC-N2 SPEAKER SYSTEM** // Full range speaker + passive radiator for more bass // Dual angle positioning speaker stands // Speaker cable pre-installed for easy and quick setup // Cable management to keep desk clean // Available in black and white

PC DIRECT ➔  USB-B  Bluetooth®  



WATCH THIS VIDEO AT
denon.eu/ceol-carino



**NOTHING ELSE
MATTERS.**





Headphones



Sometimes to be yourself you just need to get away from the world for a while.

Listen to your music with a pair of Denon headphones and you'll be yourself in no time.



AH-MM400

OVER-EAR HEADPHONES

Developed to look as stunning as they sound, the earcup housings on Denon's AH-MM400 are hand-carved from natural American Walnut. Inside these well-shaped cans are 40 mm "free-edge" drivers with advanced carbon/paper composite blend diaphragms and neodymium magnets – professionally tuned to a flat EQ for your listening pleasure. With its comfortable circumaural design, the AH-MM400 provides a high degree of passive acoustic isolation, letting you savour your favourite tracks without the interference of distracting background noise. For the complete listening experience a carrying case, Apple remote cable and cables for Android or other mobile devices are included.

Real Wood Housing eliminates resonance of bass-enhanced music // Precision Aluminum construction – Tailored Headband design with a cushioned lining // Apple remote & integrated microphone (for control of Apple devices*) // Denon Audio Smartphone Application, available for iPhone®, iPad® or Android phones, Denon's integrated application suite designed for the Audiophile. App Includes the following functionality: Music Player with ability to create custom playlists / Denon's Music Community – discover new artists, purchase concert tickets / TuneIn® internet radio / EQ to fine tune music stored on your smartphone to your taste. // * Some functions may vary on your device (Android™, iPod®, iPhone®, iPad® and others) due to their functional capability.





AH-MM300

ON-EAR HEADPHONES

Featuring elegant styling and the latest audio technologies, Denon's AH-MM300 headphones are professionally tuned to deliver the utmost musical fidelity. With ellipsoid ear cups constructed of fiberglass reinforced composite material they provide both lightweight and high rigidity for resonance-free audio quality. Further accessories include a carrying case, Apple Remote cable and a cable for Android or other mobile devices.

Ceramic finished ellipsoid ear cups for smooth acoustic tones // Precision Aluminum construction with fold flat mechanism // Apple remote & integrated microphone (for control of Apple devices*) // Denon Audio Smartphone Application, available for iPhone®, iPad® or Android phones, Denon's integrated application suite designed for the Audiophile. App Includes the following functionality: Music Player with ability to create custom playlists / Denon's Music Community – discover new artists, purchase concert tickets / Tuneln® internet radio / EQ to fine tune music stored on your smartphone to your taste //

* Some functions may vary on your device (Android™, iPod®, iPhone®, iPad® and others) due to their functional capability.





AH-MM200

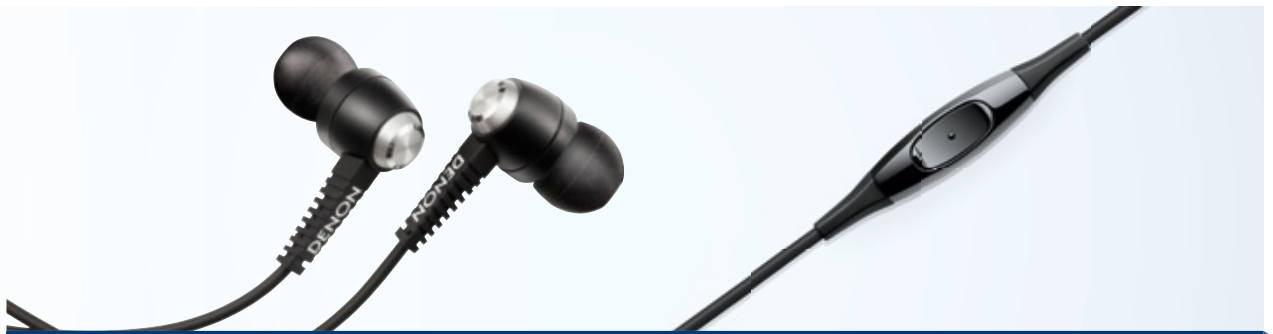
ON-EAR HEADPHONES

Aimed at the serious music listener, Denon's new AH-MM200 headphones are packed with advanced technologies, and feature proprietary drivers and housings. These supra-oral (on-ear) pieces deliver a smooth, natural and faithful tonal balance that accurately reproduces the sound of the original performance. With a lightweight and compact design, the AH-MM200s are incredibly portable and come with a carrying case, Apple remote cable and a cable for connection to Android and other mobile devices.

Ceramic finished ellipsoid ear cups for smooth acoustic tones // Precision Aluminum construction with folding mechanism // Apple remote & integrated microphone (for control of Apple devices*) // Denon Audio Smartphone Application, available for iPhone®, iPad® or Android phones, Denon's integrated application suite designed for the Audiophile. App Includes the following functionality: Music Player with ability to create custom playlists / Denon's Music Community – discover new artists, purchase concert tickets / TuneIn® internet radio / EQ to fine tune music stored on your smartphone to your taste //

* Some functions may vary on your device (Android™, iPod®, iPhone®, iPad® and others) due to their functional capability.





AH-C120MA

IN-EAR HEADPHONES

So small and yet professionally tuned, Denon's AH-C120MA in-ear headphones feature 11.5 mm drivers set in premium hybrid-material housing. Boasting an oxygen-free, non-tangle cable, engineered for sound purity, it sports an in-line 1-button remote and microphone for easy control – so you can listen to music and make and receive a call via your smartphone. Also included is a carrying case, silicone ear tips (S, M, L) and Comply™ TX-400M foam ear tips.

Hybrid Metal Housing eliminates resonance of bass-enhanced music // Custom Ear Tips for a perfect fit in Silicon (S, M, L) and Comply™ Foam included // 1-button remote & integrated microphone (for control of select Android devices and other smartphones*) // Denon Audio Smartphone Application, available for iPhone®, iPad® or Android phones, Denon's integrated application suite designed for the Audiophile. App Includes the following functionality: Music Player with ability to create custom playlists / Denon's Music Community – discover new artists, purchase concert tickets / TuneIn® internet radio / EQ to fine tune music stored on your smartphone to your taste // * Some functions may vary on your device (Android™, iPod®, iPhone®, iPad® and others) due to their functional capability.



AH-C50MA

IN-EAR HEADPHONES

Denon's AH-C50MA in-ear headphones deliver a studio quality sound experience. With 9 mm drivers, these headphones also feature an in-line one-button remote and microphone for easy smartphone control, as well as clear call conversations and voice recognition commands. Also featured is a carrying case, silicone ear tips (XS, S, M, L) and Comply™ TX-400M foam ear tips.

Custom Ear Tips for a perfect fit in Silicon (XS, S, M, L) included // 1-button remote & integrated microphone (for control of select Android™ devices and other smartphones*) // Denon Audio Smartphone Application, available for iPhone®, iPad® or Android phones, Denon's integrated application suite designed for the Audiophile. App Includes the following functionality: Music Player with ability to create custom playlists / Denon's Music Community – discover new artists, purchase concert tickets / TuneIn® internet radio / EQ to fine tune music stored on your smartphone to your taste // * Some functions may vary on your device (Android™, iPod®, iPhone®, iPad® and others) due to their functional capability.





AH-GC20

OVER-EAR HEADPHONES WITH BLUETOOTH®

No tangled cords, no outside noise. Denon's Globe Cruiser™ AH-GC20 wireless headphones let you listen to your favourite music without any disturbances. Featuring active noise cancellation, this perfect travelling companion reduces ambient noise by 99 %. It also comes equipped with the latest aptX™ wireless technology so you can stream music in CD quality. The Bluetooth® 4.0 Dual Mode makes it possible to connect two devices simultaneously while a two-axis folding design allows for easy stowaway.

40 mm drivers professionally optimized for 99 % noise cancelling ambient noise // Wireless connectivity with CD quality music thanks to Bluetooth® aptX // Metal "Spur" hanger design with fold and rotate mechanism // Memory foam ear pads // Integrated controls and microphones using cVc (Clear Voice Capture) over Bluetooth® // Multi Point Bluetooth® for simultaneous connection to 2 compatible devices // Cable and Airline Adaptor Included for in-flight use // Carrying Case // Micro USB Charging Cable // Audio Cable



Bluetooth®





AH-W200

IN-EAR WIRELESS HEADPHONES

While in training, the right song can be more motivating than a personal trainer. If your fitness routine is the one time of the day that you get the chance to think, to reflect, and to focus on yourself, then Denon's wireless and sweat-proof Exercise Freak headphones are the perfect companion. Integrated controls allow you to adjust the volume, play/pause your music and even choose to answer that phone call... or ignore it. The AH-W200 is accompanied with a reflector on the neckband, anti-microbial silicon ear tips (XS, S, M, L), a USB Micro cable (for charging the battery) and blue mesh carrying case.

Wireless with CD sound quality (Bluetooth® aptX) // Integrated controls and microphone for superior mobility, ease-of-use and convenience // Comply™ TX-400M foam ear tips and Silicon ear tips (XS, S, M, L) provide advanced noise isolation and superior fit // Flexible neckband and articulating In-Ear design for superior fit // Rechargeable battery provides up to five hours listening enjoyment // Integrated amplifier // Cable included for listening to music in wired mode // Accessories: Leather travel case with karabiner, cable and airline adapter included for in flight use







AH-W150

WIRELESS FITNESS IN-EAR HEADPHONES

Studies have proven that music enhances athletic performance by as much as 20 %. We know for a 100 % that with Denon's Exercise Freak® in-ear headphones you can listen to music and answer calls without the inconvenience of cables getting in the way of your workout. Furthermore they are super-lightweight, sweat proof, wireless and fit securely in-ear. Also included: Mesh Carrying Case with Karabiner, a micro USB cable (for charging battery) and different-sized Anti-Microbial silicon ear tips (XS, S, M, L).

Sounds Like You® // 11.5 mm drivers professionally tuned to provide a flat EQ experience // Integrated amplifier professionally tuned to heart-pounding bass to energize your workout // Bluetooth® 3.0 Wireless Connectivity with Enhanced Signal Performance // Rechargeable Battery for long workouts (up to 7 hours) // **Fits Like You** // Flexible neckband, articulating in-ear design provides superior fit // Sweat proof earpiece with built-in Denon patent-pending air cushion for extreme comfort and ventilation // Anti-microbial Ear Tips reduce build up of bacteria and provide perfect fit (XS, S, M, L) included // **Moves Like You** // Integrated controls & microphone for on-the-go use // Reflective back band for safe evening workouts // Accessories Included: Mesh Carrying Case with Karabiner / Micro USB cable (for charging battery) / Anti-Microbial Silicon ear tips (XS, S, M, L)



Bluetooth®

WATCH THIS VIDEO AT
www.denon.eu/ah-w150







HEOS

ANYWHERE SOUNDS AMAZING.



It's wireless, it's limitless, it's peerless. The multi-room system HEOS by Denon opens all doors to let in sound. Whether it's from your phone, PC, or stereo the sound just travels with you from room to room.

HEOS is not the first multi-room system but it's the first by Denon. That means it's the first built from more than 100 years experience in sound. HEOS is the product of an obsession with audio and the love of music.

HEOS



PLAY ANY SONG, IN ANY ROOM.

HEOS is as big as you need it and as great as you expect it to be.

There's a HEOS for every space, even for the outside. You want to make your beloved Hi-Fi components wireless? HEOS will oblige! Control is all at your fingertips: Just tap the HEOS app and start rockin'. Play different music in different rooms or the same music in all rooms.

Have fun losing yourself in music. Again and again.



HEOS 7

WIRELESS MULTI-ROOM SPEAKER

Bigger is better when it's time to party. This mighty wireless speaker system is a serious performer for larger rooms. If you demand the best, biggest and loudest sounds then the HEOS 7 is ready to rock. It plays cloud music, music stored on your phone or tablet, plus USB sources - all in immaculate Denon sound, of course. Sounds like a party already, doesn't it? Sculpted to deliver a prodigious performance, the HEOS 7 is beautifully finished with quality materials, including a brushed metallic apex. It also features a crafted blend of five custom drivers, two passive radiators, five Class D amplifiers, all of which are controlled with state-of-the-art digital signal processing.

Refined cabinet design with genuine brushed metal accents // Amazing volume output capability fills even larger spaces with true high fidelity sound // Stream from your favourite music service such FREE HEOS app // Stream from your favorite music service such as Spotify, Tidal, Deezer, TunesIn® or Napster // Stream music stored locally on your iOS or Android smartphone or tablet // A USB jack and auxiliary 3.5 mm analog input jack allow playback from these sources to one or more HEOS players with perfect synchronization // Built-in 3.5 mm headphone jack features auto speaker mute when headphones are connected // Stream music from devices on your home network such as NAS drives and PC and Mac computers // Built-in dual band wireless "N" connects to standard home wireless networks // Ethernet jack for wired network connectivity // Bluetooth® USB adapter included for wireless audio streaming



WATCH THIS VIDEO AT
denon.eu/heos7





HEOS 5

WIRELESS MULTI-ROOM SPEAKER

Elegance meets performance. The HEOS 5 is a dazzling midsize speaker delivering a big time performance. It floods medium to large rooms with sounds from any source with a processor and an operating system. It also features a well-crafted blend of four custom drivers, one radiator and four Class-D amplifiers, all of which are controlled with high quality digital signal processing, born in the studio. Engineered by sound experts and made from cool components. You will hear this in every beat.

Sleek and elegant form factor produces incredibly detailed wide range high fidelity sound // Amazing output from a modestly sized unit // Handle allows easy portability wherever you need great sound // FREE HEOS app // Stream from your favorite music service such as Spotify, Tidal, Deezer, Tuneln® or Napster // Stream music stored locally on your iOS or Android smartphone or tablet // A USB jack and auxiliary 3.5 mm analog input jack allow playback from these sources to one or more HEOS players with perfect synchronization // Stream music from devices on your home network such as NAS drives and PC and Mac computers // Built-in dual band wireless "N" connects to standard home wireless networks // Ethernet jack for wired network connectivity // Handle allows easy portability wherever you need great sound // Bluetooth® USB adapter included for wireless audio streaming



WATCH THIS VIDEO AT
denon.eu/heos5





HEOS 3

WIRELESS MULTI-ROOM SPEAKER

Portable and the perfect place to start. The HEOS 3 was born to perform in small to medium rooms. Its dual custom full-range drivers powered by a two-channel Class D amplifier pump out rich and clean sound. The HEOS 3 also allows you to place it either horizontally or vertically – while you can even add another speaker to build a stereo pair. Whatever you decide to do, the HEOS 3 will always look stylish.

Can be positioned horizontally or vertically // FREE HEOS app // Stream from your favorite music service such as Spotify, Tidal, Deezer, TuneIn® or Napster // Stream music stored locally on your iOS or Android smartphone or tablet // A USB jack and auxiliary 3.5 mm analog input jack allow playback from these sources to one or more HEOS players with perfect synchronization // Stream music from devices on your home network such as NAS drives and PC and Mac computers // Built-in dual band wireless “N” connects to standard home wireless networks // Ethernet jack for wired network connectivity // Bluetooth® USB adapter included for wireless audio streaming



WATCH THIS VIDEO AT
denon.eu/heos3







HEOS 1

WIRELESS MULTI-ROOM SPEAKER

No wires. No limits. Like to sing in the shower? Here's your bathroom-rocking sidekick! The HEOS 1 is built for the smallest rooms - and for the biggest space there is: outside. Its compact enclosure is humidity resistant. With the optional GoPack you can listen to your music wherever you want via Bluetooth®. With the dual channel Class D digital audio amplifier your favourite tunes are in capable hands. Synchronizing two HEOS 1 for stereo? Go ahead.

Listen to your favourite music in any room in the home // Sound is optimised via precision acoustical processing algorithms that originated in top recording studios // Use 2 HEOS 1 speakers for stereo, perfectly synchronised // USB jack and analog line input jack lets you connect your device directly // RJ-45 LAN port for direct connection to the network // Volume up, volume down, power on/off button // AC power adapter included // Optional Go Pack features a rechargeable lithium-ion battery that delivers up to 6 hours of playback time, a USB Bluetooth® wireless streaming adapter, a silicone Splashguard to seal the jacks and ports to protect from splashing water

WATCH THIS VIDEO AT
denon.eu/heos1



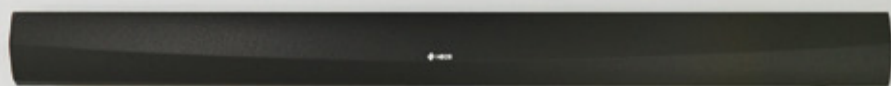
HEOS 1 Go Pack

WIRELESS ACCESSORY PACK

Take your HEOS 1 anywhere. Twist on the rechargeable battery, switch on Bluetooth® and you can listen to your tunes anywhere. Add the splashguard and you're free to enjoy the party.

Lithium-ion rechargeable battery pack attaches to HEOS 1 base // Easy twist-on/twist-off attachment // Up to 6 hours of playback time on a single charge // Bluetooth® USB adapter included for wireless audio streaming // Unique custom splashguard means never having to worry about accidental splashes from the swimming pool // Listen to your music and charge your smartphone at the same time // Available in black and white







HEOS HomeCinema

WIRELESS SOUNDBAR & SUB

Unleash dramatic movie sound. As TVs get thinner, so does their sound quality. HEOS HomeCinema delivers true widescreen high fidelity audio for maximum enjoyment of TV shows and movies. Not to mention your favourite music tracks as well. How does bi-amplified soundbar with 4 channels of class D digital amplification and high power class D digital amplification for the subwoofer sound to you? Both, soundbar and subwoofer connect wirelessly with each other yet they are inseparable. They always come as a pair.

Dual band high speed "N" Wi-Fi connects to standard wireless home networks // Bi-amplified soundbar with 4 channels of Class D digital amplification. Subwoofer features dedicated high power Class D digital amplification // Dual rounded rectangular mid-woofer drivers composite Kevlar cones and double magnet motor system // Dual 20 mm treated soft dome tweeters with neodymium magnets deliver extended treble response with wide dispersion // Advanced DSP processing features a powerful 400 MHz 32-bit floating point DSP engine – the same processor found in premium Denon A/V receivers // Featuring Dolby Digital, Dolby Digital Plus and DTS decoding, HEOS HomeCinema decodes movie and music surround soundtracks into their original discrete channels and applies our advanced proprietary DSP to deliver an immersive Virtual Surround sound experience // Exclusive Virtual Surround processing decodes discrete multi-track surround sound channels and uses advanced psycho-acoustic DSP processing algorithms to deliver an immersive surround sound experience // Dynamic Bass Boost provides advanced frequency and dynamic range tailoring to deliver taut deep bass while preventing distortion due to excessive overload // HDMI input and output features Audio Return Channel for single cable connection from the soundbar to your TV – no need for another audio connection // Coaxial and optical digital inputs and Aux in for wired analog stereo input // Wireless subwoofer can be placed anywhere in the room and features time-aligned DSP processing for precision soundbar/subwoofer audio synchronization // Movie and Music modes let you choose the best audio performance for blockbuster movies and your favorite music tracks // Night Mode lets you listen at reduced volume levels, letting you enjoy the full range audio experience without disturbing other family members // Dialog enhancer improves dialog intelligibility – ideal for movies and TV shows with complex audio soundtracks when it's often hard to discern what performers are saying // Soundbar features infrared (IR) reception and re-transmission that allows TV remote commands to pass through to the TV when the soundbar is mounted in front of the TV // IR learning function lets you control the Soundbar with your TV remote





HEOS Amp

WIRELESS AMPLIFIER

Let your speakers speak HEOS. Take your satellite system, bookshelf speakers and floorstanding speakers and wirelessly fill your HEOS zones with the super sounds you adore, by simply adding the HEOS amp. Featuring advanced Class D digital amplification, the HEOS Amp delivers 100 Watts maximum power per channel. With low distortion and high current capability that provide reliable operation with lower impedance speakers, including 4 ohm models. Even connect a powered subwoofer to the HEOS Amp for additional bass.

100 W per channel Class D amplifier // Perfect for any speakers; including outdoor, in-ceiling, floor standing or bookshelf models // FREE HEOS app // Stream from your favorite music service such as Spotify, Tidal, Deezer, Tuneln® or Napster // Stream music stored locally on your iOS or Android smartphone or tablet // A USB jack, optical digital input and auxiliary 3.5 mm analog input jack allow playback from these sources to one or more HEOS players with perfect synchronization // Stream music from devices on your home network such as NAS drives and PC and Mac computers // Built-in dual band wireless "N" connects to standard home wireless networks // Ethernet jack for wired network connectivity



WATCH THIS VIDEO AT
denon.eu/heosamp



HEOS Link

WIRELESS PRE-AMPLIFIER

Turn your stereo into a HEOS zone. Add multi-room audio to an existing music or home theatre system and become the master of sound. Just connect HEOS Link via one cable and you're ready to go wireless. Control all functions and enjoy extraordinary sound quality from almost any source. Complete control of your multi-room system comes via an app on your mobile phone. So you don't need to run from room to room adjusting the sound. Although, should you like to operate manually, there are volume and mute controls discreetly placed on the side panel.

High quality D/A conversion // Perfect for any home theater receiver, integrated amplifier, amplifier or powered speakers // Analogue, Digital Coax and Fiber Optic outputs // 12 V trigger output for power control of external devices // IR Output for power, volume and source selection of Denon home theater receivers, integrated amplifiers and music systems // FREE HEOS app // Stream from your favorite music service such as Spotify, Tidal, Deezer, Tuneln® or Napster // Stream music stored locally on your iOS or Android smartphone or tablet // A USB jack, optical digital input and auxiliary 3.5 mm analog input jack allow playback from these sources to one or more HEOS players with perfect synchronization // Stream music from devices on your home network such as NAS drives and PC and Mac computers // Built-in dual band wireless "N" connects to standard home wireless networks // Ethernet jack for wired network connectivity

WATCH THIS VIDEO AT
denon.eu/heoslink





INTEGRATED NETWORK & SURROUND RECEIVERS 1/2

FEATURES

	AVR-X7200WA	AVR-X6200W	AVR-X4200W	AVR-X3200W
MULTICHANNEL SURROUND				
DTS HD Master / DTS:X	• / (upgrade)	• / (update)	• / (update)	• / (update)
DTS Neo:X / DTS Neural:X	- / • (11 ch) (update)	- / • (11 ch) (update)	- / • (9 ch) (update)	- / • (7 ch) (update)
Dolby TrueHD / Dolby Atmos	• / •	• / •	• / •	• / •
Dolby ProLogic II / Dolby Surround	- / •	- / •	- / •	- / •
Auro 3D	• (upgrade)	• (upgrade)	• (upgrade)	-
Audyssey DSX	•	•	•	-
Multichannel Stereo	•	•	•	•
max. number of processing (preamp) channels	11.2	11.2	9.2	7.1
SOUND ENHANCEMENTS				
Mono Block Power Amp Construction	• (L/R separated)	•	-	-
Discrete Power Amplifier	•	•	•	•
D.D.S.C. HD Digital	• (32-bit)	•	•	-
Pure Direct	•	•	•	•
High Grade Audio Components	•	•	•	•
Gold plated RCA terminals	•	•	-	-
Clock Jitter Reducer	•	•	•	-
Alpha Processing	AL32 Processing Multichannel	AL24 Processing Plus	AL24 Processing Plus	-
Denon Link HD	•	•	•	-
Audyssey	MultEQ XT32 (PRO)	MultEQ XT32 (PRO)	MultEQ XT32 (PRO)	MultEQ XT
Audyssey Dynamic EQ / Dynamic Volume	• / •	• / •	• / •	• / •
Audyssey LFC	•	•	•	-
Compressed Audio Restorer	•	•	•	•
NETWORK				
DLNA Certified	• (v1.5)	• (v1.5)	• (v1.5)	• (v1.5)
Lossy formats: MP3 / WMA / AAC	• / • / •	• / • / •	• / • / •	• / • / •
Lossless formats: FLAC / ALAC / WAV	• / • / •	• / • / •	• / • / •	• / • / •
DSD Audio Streaming	•	•	•	•
FLAC HD 192/24	•	•	•	•
WAV 192/24	•	•	•	•
ALAC 96/24	•	•	•	•
Gapless playback	• (FLAC, WAV, AIFF, ALAC, DSD)	• (FLAC, WAV, AIFF, ALAC, DSD)	• (FLAC, WAV, AIFF, ALAC, DSD)	• (FLAC, WAV, AIFF, ALAC, DSD)
Photo streaming (JPEG)	•	•	•	•
AirPlay audio streaming	•	•	•	•
Windows PlayTo / Windows8 certified	• / •	• / •	• / •	• / •
Internet Radio (vTuner)	•	•	•	•
Spotify*	• (connect)	• (connect)	• (connect)	• (connect)
Compatible with Remote APP for Smart Phones	Android / iOS	Android / iOS	Android / iOS	Android / iOS
Ethernet Ports	•	•	•	•
WiFi	•	•	•	•
Bluetooth®	•	•	•	•
HDMI				
HDMI inputs: back / front	7 / 1	7 / 1	7 / 1	7 / 1
HDCP2.2 support	•	•	•	•
HDMI outputs: main / zone	2 / 1	2 / 1	2 / 1	1 / 1
Video conversion Analogue -> HDMI	•	•	•	•
Analogue to HDMI scaling	up to 4K 60/50	up to 4K 60/50	up to 4K 60/50	up to 4K 60/50
HDMI to HDMI scaling	up to 4K 60/50	up to 4K 60/50	up to 4K 60/50	up to 4K 60/50
GUI Overlay on HDMI	•	•	•	•
3D signal pass-through	•	•	•	•
4K signal pass-through / scaling / GUI overlay	• / • / •	• / • / •	• / • / •	• / • / •
HDMI pass-through in standby mode	•	•	•	•
Picture adjust / Noise reduction	• / •	• / •	• / •	• / •
CEC	•	•	•	•
DSD Audio capability	•	•	•	•
Audio Return Channel	•	•	•	•
Auto LipSync	•	•	•	•
MULTIROOM / CI				
Multiroom zones	3	3	3	2
Zone audio source: HDMI / opt, coax / Network, USB / analog	• (2 ch) / • (2 ch) / • / •	• (2 ch) / • (2 ch) / • / •	• (2 ch) / • (2 ch) / • / •	• (2 ch) / • (2 ch) / • / •
Zone audio output: speaker / preout	• / •	• / •	• / •	• / •
Zone HDMI output from HDMI source	•	•	•	•
IP control / RS232 control / Web control / App control	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •
Remote In / Out	• / •	• / •	• / •	• / •
DC Trigger output	2	2	2	1
OTHERS				
Auto speaker setup by microphone	Audyssey MultEQ XT32 + PRO	Audyssey MultEQ XT32 + PRO	Audyssey MultEQ XT32 + PRO	Audyssey MultEQ XT
FL Display	2 lines	2 lines	2 lines	1 line
Graphic User Interface - GUI	Advanced	Advanced	Advanced	Advanced
ISF Certification	•	•	•	•
GUI languages	9	9	9	9
Setup Assistant	•	•	•	•
Quick Select plus / Quick Select	• / -	• / -	• / -	• / -
Variable cross over	•	•	•	•
Optimized Bass Redirection	•	•	•	•
Bass Sync	•	-	-	-
ECO Mode	•	•	•	•
Sleep Timer	•	•	•	•

* Not available in all regions.



FEATURES			
	AVR-X2200W	AVR-X1200W	AVR-X520BT
MULTICHANNEL SURROUND			
DTS HD Master / DTS:X	• / (update)	• / (update)	• / -
DTS Neo:X / DTS Neural:X	- / • (7 ch) (update)	- / • (7 ch) (update)	- / -
Dolby TrueHD / Dolby Atmos	• / •	• / •	• / -
Dolby ProLogic II / Dolby Surround	- / •	- / •	• / -
Auro 3D	-	-	-
Audyssey DSX	-	-	-
Multichannel Stereo	•	•	•
max. number of processing (preamp) channels	7.1	7.1	5.1
SOUND ENHANCEMENTS			
Mono Block Power Amp Construction	-	-	-
Discrete Power Amplifier	•	•	•
D.D.S.C. HD Digital	-	-	-
Pure Direct	•	-	-
High Grade Audio Components	•	-	-
Gold plated RCA terminals	-	-	-
Clock Jitter Reducer	-	-	-
Alpha Processing	-	-	-
Denon Link HD	-	-	-
Audyssey	MultEQ XT	MultEQ XT	-
Audyssey Dynamic EQ / Dynamic Volume	• / •	• / •	- / -
Audyssey LFC	-	-	-
Compressed Audio Restorer	•	•	•
NETWORK			
DLNA Certified	• (v1.5)	• (v1.5)	-
Lossy formats: MP3 / WMA / AAC	• / • / •	• / • / •	- / - / -
Lossless formats: FLAC / ALAC / WAV	• / • / •	• / • / •	- / - / -
DSD Audio Streaming	•	•	-
FLAC HD 192/24	•	•	-
WAV 192/24	•	•	-
ALAC 96/24	•	•	-
Gapless playback	• (FLAC, WAV, AIFF, ALAC, DSD)	• (FLAC, WAV, AIFF, ALAC, DSD)	-
Photo streaming (JPEG)	•	•	-
AirPlay audio streaming	•	•	-
Windows PlayTo / Windows8 certified	• / •	• / •	-
Internet Radio (vTuner)	•	•	-
Spotify*	• (connect)	• (connect)	-
Compatible with Remote APP for Smart Phones	Android / iOS	Android / iOS	Android / iOS
Ethernet Ports	•	•	-
WiFi	•	•	-
Bluetooth®	•	•	•
HDMI			
HDMI inputs: back / front	7 / 1	5 / 1	5 / -
HDCP2.2 support	•	•	•
HDMI outputs: main / zone	2 / -	1 / -	1 / -
Video conversion Analog -> HDMI	•	-	-
Analogue to HDMI scaling	up to 4K 30/25/24	-	-
HDMI to HDMI scaling	up to 4K 30/25/24	-	-
GUI Overlay on HDMI	•	•	•
3D signal pass-through	•	•	•
4K signal pass-through / scaling / GUI overlay	• / • / •	• / - / -	• / - / -
HDMI pass-through in standby mode	•	•	•
Picture adjust / Noise reduction	• / •	- / -	- / -
CEC	•	•	-
DSD Audio capability	-	-	-
Audio Return Channel	•	•	-
Auto LipSync	•	•	-
MULTIROOM / CI			
Multiroom zones	2	2	-
Zone audio source: HDMI / opt, coax / Network, USB / analog	- / - / • / •	- / - / • / •	- / - / - / -
Zone audio output: speaker / preout	• / •	• / -	- / -
Zone HDMI output from HDMI source	-	-	-
IP control / RS232 control / Web control / App control	• / - / • / •	• / - / • / •	- / - / - / -
Remote In / Out	- / -	- / -	- / -
DC Trigger output	-	-	-
OTHERS			
Auto speaker setup by microphone	Audyssey MultEQ XT	Audyssey MultEQ XT	yes
FL Display	1 line	1 line	1 line
Graphic User Interface - GUI	Advanced	Hybrid GUI	GUI
ISF Certification	•	-	-
GUI languages	9	9	3
Setup Assistant	•	•	•
Quick Select plus / Quick Select	• / -	• / -	- / •
Variable cross over	•	•	•
Optimized Bass Redirection	•	•	-
Bass Sync	-	-	-
ECO Mode	•	•	•
Sleep Timer	•	•	•



INTEGRATED NETWORK & SURROUND RECEIVERS 2/2

FEATURES

	AVR-X7200WA	AVR-X6200W	AVR-4200W	AVR-X3200W
INPUTS/OUTPUTS				
VIDEO				
Composite In / Out	4+1 / 2	4+1 / 2	3+1 / 2	3 / -
Component In / Out	3 / 1	2 / 1	2 / 1	2 / -
HDMI In / Out	7+1 / 3	7+1 / 3	7+1 / 3	7+1 / 2
Multi-Room Video Out: Video / HDMI	• / •	• / •	• / •	- / •
AUDIO				
Analogue In / Out	6+1 / -	6+1 / -	5+1 / -	5 / -
Phono (MM) In	•	•	•	-
Digital In: optical / coaxial	2 / 2	2 / 2	2 / 2	2 / 2
Multi-Room Out: analog / digital	2 / -	2 / -	2 / -	1 / -
Multichannel Pre Out	• (13.2) / -	• (13.2) / -	• (13.2) / -	• (7.2) / -
Subwoofer Out	2 (independent)	2 (independent)	2 (independent)	2
7.1 multichannel input	•	-	-	-
OTHER				
Speaker Terminal: Gold plated screw / regular screw	• / -	• / -	- / •	- / •
Number of speaker terminals	11	11	11	7
Speaker A / B	assignable	assignable	assignable	assignable
Bi-amp drive	assignable	assignable	assignable	assignable
Multi-Room Speaker Terminal	assignable	assignable	assignable	assignable
Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	• / • / - / • / •	• / • / - / • / •	• / • / - / • / •	- / - / - / • / •
USB Audio / Made for iPod® / Made for iPhone®	• / • / •	• / • / •	• / • / •	• / • / •
FM Tuner with RDS	•	•	•	•
SPECIFICATIONS				
number of poweramps	9	9	7	7
Power Output (8 ohm, 20 Hz - 20 kHz, 0.08 % 2 ch Drive)	-	-	-	105 W
Power Output (8 ohm, 20 Hz - 20 kHz, 0.05 % 2 ch Drive)	150 W	140 W	125 W	-
Power Output (6 ohm, 1 kHz, 0.7 % 2 ch Drive)	190 W	175 W	165 W	135 W
Power Output (6 ohm, 1 kHz, 1 % 1 ch Drive)	210 W	205 W	200 W	180 W
GENERAL				
Available colors: Black / Premium Silver	• / •	• / •	• / •	• / -
Metal Front Panel	•	•	•	-
System Remote Control	RC-1194	RC-1193	RC-1193	RC-1192
Pre-programmed / Learnable / LCD Display	• / • / •	• / - / -	• / - / -	- / - / -
Power Consumption in W	780 W	730 W	670 W	600 W
Power consumption No-Sound (ECO on / off) in W	70 W / 125 W	65 W / 110 W	55 W / 85 W	45 W / 80 W
Standby Consumption in W	0.1	0.1	0.1	0.1
CEC Standby Consumption in W	0.5	0.5	0.5	0.5
Network Standby Consumption in W	4.5	4.5	2.7	2.7
Maximum Dimensions				
Antenna: Horizontal: (W x D x H) in mm	434 x 437 x 195	434 x 393 x 167	434 x 389 x 167	434 x 388 x 167
(Antenna: Vertical: (W x D x H) in mm)	(434 x 437 x 259)	(434 x 393 x 235)	(434 x 389 x 236)	(434 x 388 x 237)
(w/o Antenna: (W x D x H) in mm)	(434 x 427 x 195)	(434 x 383 x 167)	(434 x 379 x 167)	
Weight in kg	17.1	14.1	12.6	11.3



AVR-X7200WA



AVR-X6200W



AVR-4200W



AVR-X3200W



FEATURES			
	AVR-X2200W	AVR-X1200W	AVR-X520BT
INPUTS/OUTPUTS			
VIDEO			
Composite In / Out	2 / -	2 / 1	2 / 1
Component In / Out	1 / -	- / -	- / -
HDMI In / Out	7+1 / 2	5+1 / 1	5+0 / 1
Multi-Room Video Out: Video / HDMI	- / -	- / -	- / -
AUDIO			
Analogue In / Out	4 / -	2 / -	2 / -
Phono (MM) In	-	-	-
Digital in: optical / coaxial	2 / 0	2 / 0	2 / 0
Multi-Room Out: analog / digital	1 / -	- / -	- / -
Multichannel Pre Out	• (0.2) / -	• (0.2) / -	• (0.2) / -
Subwoofer Out	2	2	2
7.1 multichannel input	-	-	-
OTHER			
Speaker Terminal: Gold plated screw / regular screw	- / •	- / •	- / -
Number of speaker terminals	7	7	5
Speaker A / B	assignable	assignable	-
Bi-amp drive	assignable	assignable	-
Multi-Room Speaker Terminal	assignable	assignable	-
Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	- / - / - / • / •	- / - / - / • / •	- / - / - / - / •
USB Audio / Made for iPod® / Made for iPhone®	• / • / •	• / • / •	• / • (for Bluetooth®) / • (for Bluetooth®)
FM Tuner with RDS	•	•	•
SPECIFICATIONS			
number of poweramps	7	7	5
Power Output (8 ohm, 20 Hz - 20 kHz, 0.08 % 2 ch Drive)	95 W	80 W	70 W
Power Output (8 ohm, 20 Hz - 20 kHz, 0.05 % 2 ch Drive)	-	-	-
Power Output (6 ohm, 1 kHz, 0.7 % 2 ch Drive)	125 W	120 W	90 W
Power Output (6 ohm, 1 kHz, 1 % 1 ch Drive)	150 W	145 W	130 W
GENERAL			
Available colors: Black / Premium Silver	• / -	• / -	• / -
Metal Front Panel	-	-	-
System Remote Control	RC-1192	RC-1189	RC-1196
Pre-programmed / Learnable / LCD Display	- / - / -	- / - / -	- / - / -
Power Consumption in W	500 W	430 W	330 W
Power consumption No-Sound (ECO on / off) in W	35 W / 75 W	30 W / 45 W	-
Standby Consumption in W	0.1	0.1	0.3
CEC Standby Consumption in W	0.5	0.5	-
Network Standby Consumption in W	2.7	2.7	-
Maximum Dimensions			
Antenna: Horizontal: (W x D x H) in mm	434 x 339 x 167	434 x 339 x 151	434 x 319 x 151
(Antenna: Vertical: (W x D x H) in mm)	(434 x 339 x 235)	(434 x 339 x 215)	
(w/o Antenna: (W x D x H) in mm)			
Weight in kg	9.4	8.5	7.5



AVR-X2200W



AVR-X1200W



AVR-X520BT



BLU-RAY / UNIVERSAL PLAYERS

Technical information	
DBT-3313UD	
Compatibility: CD / SACD / DVD / DVD-A / Blu-ray Disc	• / • / • / • / •
Audio / Video streaming from network	•
Online contents service: YouTube Leanback / Netflix*	• / •
Audio exclusive mode	•
Quick Start Mode	•
Video Scaling on HDMI: up to 1080P	•
3D video support	•
Compressed Audio Compatibility: WMA / MP3	• / •
Decoder: Dolby Digital Plus / Dolby TrueHD / DTS HD	• / • / •
Decoder: DD / DTS / DTS96/24 / SACD	• / • / • / •
DSD from SACD via HDMI	•
Multi Channel Down Mix: DD / DTS / SA-CD	• / • / •
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD	• / • / - / •
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW	• / • / • / • / •
AVCHD / DivX HD / DivX6 / DivX Ultra / DivX plus HD	• / • / • / - / •
MP3 / WMA from: CD / DVD / USB	• / • / •
Image Disc Compatibility: JPEG / JPEG HD / Picture CD	• / - / -
Loader mechanism	SVH
High Grade Audio Components	•
Customised Components	•
Multi layered construction	•
Gold Plated Cinch	•
OTHERS	
CEC	•
True 24 Frames Per Second (FPS)	•
DLNA Certified	• (v1.5)
Network Audio: MP3 / WMA / AAC / FLAC / WAV	• / • / • / • / •
Network static video (JPEG)	•
Network Video: MPEG / DivX Plus HD / H.264 / WMV	• / • / • / •
Online contents service: YouTube Leanback / Netflix*	• / •
VIDEO: HDMI Out	2
AUDIO: Analogue Out: 2 ch / 5.1 ch / 7.1 ch (Cinch)	• / - / -
Digital Out: Coax/ Optical	• / -
OTHER	
Denon Link HD	•
USB	•
Ethernet	•
Flasher IN / OUT	• / •
RS232	•
SPECIFICATIONS	
D/A conversion (audio)	192 kHz / 32-bit
Frequency response CD (linear PCM)	2 Hz to 20 kHz
Frequency response (SACD, DVD-A)	2 Hz - 40 kHz (SA-CD)
Signal to Noise Ratio	120 dB
Dynamic Range: CD / DVD	105 dB
Total Harmonic Distortion (THD)	0,0020 %
GENERAL	
Available colors: Black / Premium Silver	• / •
Metal Front Panel	•
Remote Control	RC-1161
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption in W	28
Standby Consumption in W	0.3
Maximum Dimensions (W x D x H) in mm	434 x 295 x 115
Weight in kg	6.9

* Service not in all countries available - Subscription required



DBT-3313UD



TV-SPEAKERS

Technical information		
	DHT-S514	DHT-T110
HDMI: ARC / CEC	• (1 x in / 1 x out)	-
Digital input: Optical / Coaxial	•	• / •
Analogue input (3.5 mm mini jack)	•	•
Simple one wire setup	•	•
Bluetooth: A2DP / APT-X	• / •	• / •
Dolby Digital decoding / DTS	• / •	• / -
Soundmode: Dialog, Music, Movie	•	•
Night listening mode	•	•
BassTrac	•	•
Wireless Subwoofer	•	-
INSTALLATION		
Keyhole style wall mount	•	-
Tabletop placement	•	•
Adjustable foot height (2 x)	•	-
TV placement on top	-	• (up to 27 kg)
CONTROL		
Control buttons	•	•
Remote Control	•	•
TV remote learning function	•	•
IR blaster for extra IR transmitter	•	-
Auto input switching	-	•
GENERAL		
Available color: Black	•	•
Standby Consumption in W	0.5	0.5
Auto Power Off	•	•
Dimensions (W x H x D)	1004 x 80 x 78 mm	608 x 71 x 355 mm
Height with foot 1 / foot 2	98 mm / 110 mm	-
Weight kg	2.3	4.3
Subwoofer Dimensions (W x H x D)	172 x 313 x 346 mm	-
Subwoofer Weight kg	5.9	-



INTEGRATED AMPLIFIERS

Technical information				
	PMA-2020AE	PMA-1520AE	PMA-720AE	PMA-520AE
Channels	2	2	2	2
UHC-MOS single push pull circuit	• (Advanced)	• (Advanced)	-	-
Advanced HC-TR single push pull circuit	-	-	•	•
LC mounted twin transformer	•	•	-	-
Wide range amplifier	•	•	•	•
High current dynamic power supply	•	•	•	•
Power amp discrete construction	•	•	•	•
Micro processor auto off	•	•	•	•
Balance / Bass / Treble / Loudness	• / • / • / -	• / • / • / -	• / • / • / •	• / • / • / •
OTHER				
Shottky diodes	•	•	•	•
Solid Heat Sinks	• (Separate)	• (Separate)	•	•
Source Direct	•	•	•	•
Power Amp direct	•	•	-	-
INPUTS/OUTPUTS				
Audio Inputs	7	6	6	6
Phono Input: MM / MC	• / •	• / •	• / -	• / -
Audio Outputs	2	1	1	1
Pre-out / Main-in	1 / -	1 / -	1 / -	- / -
Power Amp Direct IN	•	•	-	-
Gold Plated Cinch	•	•	•	-
Speaker A / B	-	-	•	-
Number of terminals	2	2	2	1
Remote Control Bus in / out	•	•	•	•
Headphone Out	•	•	•	•
SPECIFICATIONS				
Output power 8 Ohm (20 Hz - 20 kHz, T.H.D. 0.07 %)	80 W	70 W	50 W	45 W
Output power 4 Ohm (1 kHz, T.H.D. 0.7 %)	160 W	140 W	85 W	70 W
Total Harmonic Distortion	0.01 %	0.01 %	0.01 %	0.02 %
Input Sensitivity: MM	2.5 mV / 47 kohm	2.5 mV / 47 kohm	2.5 mV / 47 kohm	2.5 mV / 47 kohm
Input Sensitivity: MC	200 μ V / 100 ohm	200 μ V / 100 ohm	-	-
Signal to Noise Ratio: MM/MC	89 dB / 74 dB	89 dB / 74 dB	86 dB / -	84 dB / -
Input Sensitivity: High level	135 mV / 47 kohms	125 mV / 47 kohms	110 mV / 30 kohms	110 mV / 30 kohms
Signal to Noise Ratio: High level	108 dB	108 dB	107 dB	105 dB
Treble Control	\pm 8 dB at 10 kHz	\pm 8 dB at 10 kHz	\pm 8 dB at 10 kHz	\pm 8 dB at 10 kHz
Bass Control	\pm 8 dB at 100 Hz	\pm 8 dB at 100 Hz	\pm 8 dB at 100 Hz	\pm 8 dB at 100 Hz
GENERAL				
Available colors: Premium Silver / Black	• / -	• / •	• / •	• / •
Metal Front Panel	•	•	•	•
Power Consumption in W	360	295	200	185
Standby Consumption in W	0.2	0.2	0.3	0.3
Auto Power off	•	•	•	•
Detachable Power Cable	•	•	•	•
Remote Control	RC-1179	RC-1186	RC-1173	RC-1173
System Remote Function	•	•	•	•
Maximum Dimensions (W x D x H) in mm	434 x 435 x 181	434 x 414 x 135	434 x 308 x 121	434 x 308 x 121
Weight in kg	24.4	16.1	7.1	6.8



PMA-2020AE



PMA-1520AE



PMA-720AE



PMA-520AE



SA/CD-PLAYERS

Technical information				
	DCD-2020AE	DCD-1520AE	DCD-720AE	DCD-520AE
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC	● / ● / ● / ● / -	● / ● / ● / ● / -	● / ● / - / ● / ● / -	● / ● / - / ● / ● / -
iPod® / iPhone® compatible USB input	●	●	-	-
AL 32 Processing	● (Advanced)	● (Advanced)	●	-
DAC Master Clock Design	●	●	●	●
DAC operation mode: USB / Coax / Optical	● / ● / ●	● / ● / ●	● / - / -	-
Asynchronous mode rear USB	●	●	-	-
Bit-perfect transmission	●	●	-	-
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	-	● / ●	-	-
Signal isolator for DAC Mode operation	-	●	-	-
Extra metal plate for chassis strengthening	●	-	-	-
Aluminium side panels	●	-	-	-
OTHER				
Display: Dimmer / Off	● / ●	● / ●	● / ●	● / ●
PLAYBACK				
Program Play (CD / SA-CD)	● / ●	● / ●	●	●
Repeat	●	●	●	-
Random Play	●	●	●	●
Start Sound Mode for SA-CD	●	●	-	-
INPUTS/OUTPUTS				
Analogue Out (Cinch)	2 ch	2 ch	2 ch	2 ch
Digital Optical In / Out	● / ●	● / ●	- / ●	- / ●
Digital Coaxial In / Out	● / ●	● / ●	- / -	- / -
Sample Rate digital In	192 kHz / 24-bit	192 kHz / 24-bit	-	-
Gold plated Cinch	●	●	●	-
USB Audio (Front) / Made for iPod® / Made for iPhone®	● / ● / ●	● / ● / ●	● / ● / ●	-
USB type B input for PC (back)	●	●	-	-
Asynchronous mode rear USB	●	●	-	-
Sample Rate USB type B In	192 kHz / 24-bit	192 kHz / 24-bit	-	-
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	-	●	-	-
Remote Control Bus in / out	●	●	●	●
Headphone Out	-	●	●	-
Headphone Volume Control	-	●	●	-
SPECIFICATIONS				
Mechanism	SVH Loader	SVH Loader	-	-
DAC IC	PCM1795 (192 kHz / 32-bit)	PCM1795 (192 kHz / 32-bit)	PCM5142, Burr Brown (192 kHz / 32-bit)	PCM5102, Burr Brown (192 kHz / 32-bit)
SA-CD AUDIO				
Frequency Response (Cust.)	2 Hz - 50 kHz	2 Hz - 50 kHz	-	-
Dynamic Range (SA)	118 dB	113 dB	-	-
Signal to Noise Ratio (SA)	121 dB	117 dB	-	-
Total Harmonic Distortion (SA)	0.0008 %	0.001 %	-	-
CDDA AUDIO				
Frequency Response	2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz
Dynamic Range	101 dB	100 dB	100 dB	100 dB
Signal to Noise Ratio	120 dB	117 dB	112 dB	110 dB
Total Harmonic Distortion	0,0015 %	0,0018 %	0,0025 %	0,0030 %
GENERAL				
Available colors: Premium Silver / Black	● / -	● / ●	● / ●	● / ●
Metal Front Panel	●	●	●	●
Remote Control	RC-1179	RC-1186	RC-1173	RC-1173
Power Consumption in W	33	38	22	13
Standby Consumption in W	0.2	0.2	0.3	0.3
Auto power off	●	●	●	●
Detachable Power Cable	●	●	-	-
Maximum Dimensions (W x D x H) in mm	434 x 335 x 138	434 x 331 x 134	434 x 273 x 107	434 x 273 x 107
Weight in kg	13.7	8.2	4.1	4.0



DCD-2020AE



DCD-1520AE



DCD-720AE



DCD-520AE



DESIGN SERIES

Technical information		
	PMA-50	DRA-100
FEATURES		
Channels	2	2
Digital in: USB-B / optical / coaxial / USB-A	• / 2 / • / -	- / 2 / • / •
Sample Rate digital In	192 kHz / 24-bit	192 kHz / 24-bit
USB-A: DSD / WAV / FLAC / AIFF / ALAC	-	<= 5.6 / 192 / 192 / 192 / 96
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	• / •	-
USB-B PCM sample rate	192 kHz / 24-bit	-
Asynchronous mode rear USB	•	-
Bit-perfect transmission	•	-
Ground isolator for DAC Mode operation	•	-
AL 32 Processing	• (Advanced)	• (Advanced)
DAC Master Clock Design	•	•
Bluetooth® / aptX / NFC	• / Low Latency / •	• / - / •
Streaming audio from PC	-	•
Wi-Fi / Wired LAN	-	• / •
Internet radio	-	•
AirPlay audio streaming	-	•
Windows Play to	-	•
vTuner / Spotify*	-	• / Connect
DLNA certified	-	• (v1.5)
Music Server	-	DLNA (1.5) / WMP11 / Twonky Vision
DSD-Audio network streaming	-	•
Lossy formats: MP3 / WMA / AAC	-	• / • / •
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24 / AIFF	-	• / • / • / • / •
Gapless Playback	-	•
Remote APP: iDevice / Android	-	• / •
Balance / Bass / Treble / Loudness	• / • / • / -	• / • / • / -
OTHER		
Vertical Installation	•	-
Low Noise OELD display	•	•
Source Direct	•	•
INPUTS/OUTPUTS		
Audio Inputs	1	2
Digital in: USB-B / optical / coaxial / USB-A	• / 2 / • / -	- / 2 / • / •
Audio Outputs	-	1 x variable / fix selectable
Pre-out / Main-in	subwoofer / -	main + subwoofer / -
Number of terminals	1 pair	1 pair
Headphone Out	•	•
Headphone Gain Control (low / mid / high)	•	•
SPECIFICATIONS		
Output power 8 Ohm (20 Hz - 20 kHz, T.H.D. 0.07 %)	30 W	35 W
Output power 4 Ohm (1 kHz, T.H.D. 0.7 %)	50 W	70 W
Total Harmonic Distortion	0.004 %	0.004 %
Input Sensitivity: High level	70 mV	130 mV / 22 kohm
Signal to Noise Ratio: High level	110 dB	110 dB
Treble Control	± 8 dB at 12 kHz	± 8 dB at 12 kHz
Bass Control	± 8 dB at 100 Hz	± 8 dB at 100 Hz
GENERAL		
Available colors: Premium Silver / Black	• / -	• / -
Power Consumption in W	35	60
Standby Consumption in W	0.2	0.3
Auto Power off	•	•
Detachable Power Cable	•	•
Remote Control	RC-1202	RC-1206
Maximum Dimensions (W x D x H) in mm	200 x 238 x 90	280 x 337 x 104
Weight in kg	2.5	4.8



PMA-50



DRA-100



DESIGN SERIES

Technical information	
DCD-50	
FEATURES	
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC	• / • / - / • / • / -
DAC Master Clock Design	•
Aluminium side panels	•
OTHER	
Display: Dimmer / Off	• / -
Playback	
Program Play	•
Repeat	•
Random Play	•
INPUTS/OUTPUTS	
Analogue Out (Cinch)	2 ch
Digital Coaxial In / Out	- / •
SPECIFICATIONS	
Mechanism	Slot in
DAC IC	PCM5102, Burr Brown (192 kHz / 32-bit)
Frequency Response	2 Hz - 20 kHz
Dynamic Range	100 dB
Signal to Noise Ratio	105 dB
Total Harmonic Distortion	0,004 %
GENERAL	
Available colors: Premium Silver / Black	• / -
Remote Control	RC-1205
Power Consumption in W	10
Standby Consumption in W	0.4
Auto power off	•
Detachable Power Cable	•
Maximum Dimensions (W x D x H) in mm	200 x 240 x 86
Weight in kg	2.4



DCD-50



NETWORK PLAYER

Technical information	
	DNP-730AE
Streaming audio from PC	•
Wi-Fi / Wired LAN	• / •
Wi-Fi sharing / WPS	• / •
WMM certified	•
Internet radio	•
AirPlay audio streaming	•
Windows Play to	•
vTuner / Spotify*	• / Connect
USB Audio (Front) / Made for iPod® / Made for iPhone®	• / • / •
DLNA certified	• (v1.5)
Music Server	DLNA (1.5) / WMP11 / TwonkyVision
Lossy formats: MP3 / WMA / AAC	• / • / •
Lossless formats: DSD / FLAC HD 192/24 / ALAC 96/24 / WAV 192/24	• / • / • / •
Gapless Playback	• (FLAC, WAV)
Remote APP: iDevice / Android	• / •
App control AMP/CD via Network Player	•
OTHER	
Display	3 line OLED
Display: Dimmer / Off	• / •
IN/OUTPUTS	
iPod® / iPhone® compatible USB (front)	•
USB type B input for PC (back)	-
Sample Rate USB In	-
Analogue Out	1 x Cinch
Ethernet port	•
Digital Inputs: Coaxial / Optical	- / -
Digital Outputs: Coaxial / Optical	- / •
Sample Rate digital In	-
Jitter Reducer	•
Remote Control Bus in / out	•
RS232	-
SPECIFICATIONS	
DAC IC	PCM1795, 192 kHz / 32-bit
Dual Clock	-
Frequency response	2 Hz-50 kHz
Dynamic range in dB	101
Signal-to-noise ratio in dB	110
Total harmonic distortion	0,0012 %
GENERAL	
Available colors: Premium Silver / Black	• / •
Metal Front Panel	•
Remote Control	RC1197
Power Consumption in W	18
Standby Consumption in W	0.2
Detachable Power Cable	•
Maximum Dimensions (W x D x H) in mm	434 x 297 x 74
Weight in kg	2.9

* Service not in all countries available - Subscription required



DNP-730AE



TURNTABLES

Technical information			
	DP-300F	DP-200USB	DP-29F
Motor: AC / DC	- / •	- / •	- / •
Drive System: Belt / Direct	• / -	• / -	• / -
Operation: Automatic / Manual	• / -	• / -	• / -
Speed: 33-1/3 & 45 RPM	• / •	• / •	• / •
Wow & flutter	0.10 % (WRMS)	0.15 % (WRMS)	0.15 % (WRMS)
Phono EQ built-in (switchable)	•	•	•
Stylus (MM / MC)	• / -	• / -	• / -
Stylus version	DSN-85	DSN-84	DSN-82
SPECIFICATIONS			
Rated Output	2.5 mV / 1 kHz	2.5 mV / 1 kHz	2.5 mV / 1 kHz
Frequency Range	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
S/N ratio	60 dB	-	-
Rated Output Phono EQ	150 mV / 1 kHz	150 mV / 1 kHz	150 mV / 1 kHz
Frequency Range Phono EQ	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
GENERAL			
Available colors: Premium Silver / Black	• / •	• / •	silver / -
Maximum Dimensions (W x D x H) in mm	434 x 381 x 122	360 x 357 x 97	360 x 357 x 97
Weight in kg	5.5	3.2	2.8

CARTRIDGES

Technical information				
	DL-103	DL-103R	DL-110	DL-304
Type	MC	MC	MC	MC
Output voltage	0.3 mV	0.25 mV	1.6 mV	0.18 mV
Frequency range	20 Hz - 45 kHz	20 Hz - 45 kHz	20 Hz - 45 kHz	20 Hz - 75 kHz
Output impedance	40 ohms	14 ohms	160 ohms	40 ohms
Weight	8.5 g	8.5 g	4.8 g	7 g

MINI HI-FI SYSTEM

D-F109/D-F109DAB*

Technical information		
Receiver	DRA-F109	DRA-F109DAB
High quality power output	2 x 65 W	2 x 65 W
Tuner: DAB / DAB+ / FM (RDS)	- / - / •	• / • / •
Tone Control: Bass / Treble / Balance	• / • / •	• / • / •
Clock	•	•
Sleep Timer	•	•
Programmable Timer: Once / Daily	• / •	• / •
INPUTS/OUTPUTS		
AUDIO		
Analogue In/out	2 / 0	2 / 0
Digital Optical In/Out	1 / 0	1 / 0
Digital Coaxial In / Out	2 / 0	2 / 0
OTHER		
Subwoofer PreOut	•	•
Speaker Terminal: click fit / Screw	- / •	- / •
Headphone Out	•	•
SPECIFICATIONS		
AUDIO SECTION		
Power Output (4 ohms, 1 kHz, T.H.D. 0,7 %)	65 W	65 W
Number of channels	2	2
Freq. Response (Analogue In)	20 Hz - 20 kHz	20 Hz - 20 kHz
DAB SECTION		
Receiving Range Band III	-	•
TUNER SECTION FM		
Frequency Range FM	87.5 Mhz - 108.0 MHz	87.5 Mhz - 108.0 MHz
GENERAL		
Available colors: Black / Premium Silver	• / •	• / •
Remote Control	RC-1163	RC-1163
Power Consumption in W	48	48
Standby Consumption in W	0.3	0.3
Maximum Dimensions (W x D x H) in mm	250 x 283 x 82	250 x 283 x 82
Weight in kg	2.6	2.6

* DAB version is not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.

Technical information	
Speaker System	SC-F109
Type	2-way, bass reflex
Drivers	12 cm bass-mid 2.5 cm dome high
Impedance (ohms)	6
Frequency range	45 Hz - 40 kHz
Available colors: Black / Wood	• / •
Maximum Dimensions (W x D x H) in mm	165 x 234 x 245
Weight in kg	3.8 per unit

Technical information	
CD-Player	DCD-F109
CD Compatibility: CD / CD-R/RW / WMA / MP3	• / • / • / •
USB Audio (Front) / Made for iPod® / Made for iPhone®	• / • / •
INPUTS/OUTPUTS	
Digital Outputs: Coaxial / Optical	• / -
Remote Control Bus in / out	•
GENERAL	
Available colors: Black / Premium Silver	• / •
Remote Control	via system RC
Power Consumption in W	25
Standby Consumption in W	0.3
Maximum Dimensions (W x D x H) in mm	250 x 260 x 82
Weight in kg	2.8

Technical information	
Network Player	DNP-F109
Streaming audio from PC	•
Internet radio	•
vTuner	•
AirPlay audio streaming	•
USB Audio (Rear) / Made for iPod® / Made for iPhone®	• / • / •
Ethernet / WiFi	• / •
DLNA certified	• (v1.5)
Lossy formats: MP3 / WMA / AAC	• / • / •
Lossless formats: FLAC HD 192/24 / ALAC 96/24 / WAV 192/24 / AIFF	• / • / • / •
Remote APP	•
IN/OUTPUTS	
iPod® / iPhone® compatible USB input	1
Analogue Out	1
Ethernet port	•
Digital Outputs: Coaxial / Optical	• / -
Remote Control Bus in / out	•
SPECIFICATIONS	
DAC IC	AK4424
Frequency response	2 Hz-48 kHz (fs: 96 kHz) 2 Hz-20 kHz (fs: 44.1 kHz)
Dynamic range	98 dB
Signal-to-noise ratio	110 dB
Total harmonic distortion	0.0035 % (1 kHz, audible band)
GENERAL	
Available colors: Black / Premium Silver	• / •
Remote Control	RC-1164
Power Consumption in W	16
Standby Consumption in W	0.3
Maximum Dimensions (W x D x H) in mm	250 x 260 x 82
Weight in kg	2.0



DRA-F109



DNP-F109



DCD-F109

MINI HI-FI SYSTEM

D-M40/D-M40DAB*

Technical information		
CD-Receivers	RCD-M40	RCD-M40DAB
High quality power output	2 x 30 W	2 x 30 W
CD Compatibility: CD / CD-R/RW / WMA / MP3	• / • / • / •	• / • / • / •
Tuner: DAB / DAB+ / FM (RDS)	- / - / •	• / • / •
USB Audio (Front) / Made for iPod® / Made for iPhone®	• / • / •	• / • / •
USB-A: WMA / MP3 / WAV / FLAC / AIFF / ALAC	• / • / • / • / - / -	• / • / • / • / - / -
Tone Control: Bass / Treble / Balance	• / • / •	• / • / •
Clock	•	•
Sleep Timer	•	•
Programmable Timer: Once / Daily	• / •	• / •
INPUTS/OUTPUTS		
AUDIO		
Analogue In/out	1 / 0	1 / 0
Digital Optical In/Out	• / -	• / -
OTHER		
iPod® / iPhone® compatible USB input	•	•
Subwoofer PreOut	•	•
Speaker Terminal: click fit / Screw	- / •	- / •
Headphone Out	•	•
SPECIFICATIONS		
AUDIO SECTION		
Power Output (6 ohm, 1kHz)	30 W	30 W
Number of channels	2	2
Freq. Response (Analogue In)	20 Hz - 20 kHz	20 Hz - 20 kHz
DAB SECTION		
Receiving Range Band III	-	•
TUNER SECTION FM		
Frequency Range FM	87.5 Mhz - 108.0 MHz	87.5 Mhz - 108.0 MHz
GENERAL		
Available colors: Black / Premium Silver	• / •	• / •
Remote Control	RC-1162	RC-1162
Power Consumption in W	70	70
Standby Consumption in W	0.3	0.3
Maximum Dimensions (W x D x H) in mm	210 x 308 x 115	210 x 308 x 115
Weight in kg	4.0	4.0

* DAB version is not necessarily sold in all regions. Please contact a nearby Denon authorised dealer for details and availability.

Technical information	
Speaker System	SC-M40
Type	2-way, bass reflex
Drivers	12 cm bass-mid 2.5 cm dome high
Impedance (ohms)	6
Frequency range	45 Hz - 40 kHz
Available colors: Black / Wood	• / •
Maximum Dimensions (W x D x H) in mm	145 x 234 x 238
Weight in kg	3.5 per unit



RCD-M40



USB-DAC

Technical information		
	DA-300USB	DA-10
DAC operation mode: USB / Coax / Optical	• / • / •	• / - / -
Asynchronous mode rear USB	•	•
Bit-perfect transmission	•	•
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	• / •	• / •
iPod® / iPhone® compatible USB input	•	•
DAC chip	PCM1795 (192 kHz / 32-bit)	PCM1795 (192 kHz / 32-bit)
AL 32 Processing	• (Advanced)	• (Advanced)
DAC Master Clock Design	•	•
Vertical installation	•	-
Low Noise OELD display	•	-
INPUTS/OUTPUTS		
Headphone Out	•	•
Headphone Volume Control	•	•
Headphone Gain Control (low / mid / high)	-	•
Analogue Input	-	1
Analogue Out (fix / variable)	• / -	• / -
Digital Optical In / Out	2 / -	- / -
Digital Coaxial In / Out	1 / -	- / -
Sample Rate digital In	192 kHz / 24-bit	-
Gold plated Cinch	•	-
USB type B input for PC (back)	•	• (micro)
Asynchronous mode rear USB	•	•
Sample Rate USB type B In	192 kHz / 24-bit	192 kHz / 24-bit
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	•	•
SPECIFICATIONS		
Frequency Response	2 Hz - 100 kHz	2 Hz - 50 kHz (-3 dB)
Signal to Noise Ratio	112 dB	108 dB (Volume max, 2 V)
Total Harmonic Distortion	0,0018 %	0.003 % (1 kHz, Audible range)
Channel Separation	100 dB	101 dB (1 kHz)
Headphone Power	50 mW / 32 ohms	40 mW + 40 mW (32 ohms, 1 % distortion) 18 mW + 18 mW (600 ohms, 1 % distortion)
GENERAL		
Available colors: Silver / Black	• / -	• / -
Remote Control	-	-
Auto power off	•	-
Detachable Power Cable	adaptor	-
Maximum Dimensions (W x D x H) in mm	170 x 182 x 57 (horizontal) 114 x 182 x 175 (vertical with foot)	634 x 136 x 28
Weight in kg	1.5	0.23



WIRELESS MUSIC SYSTEM

Technical information		
	Envaya	Envaya Mini
FEATURES		
Analogue input (3.5 mm mini jack)	•	•
USB Port (service / mobile charging)	• / •	• / -
Control buttons	•	•
Battery Indicator	•	•
Battery life	approx. 10 hrs	approx. 6 hrs
Charge time	2.5 hrs	2.5 hrs
Built-in microphones	-	•
BLUETOOTH®		
Compatible Bluetooth® profiles	A2DP/AVRCP	A2DP/AVRCP/HFP
Supported codecs	aptX low latency/AAC/SBC	aptX low latency/AAC/SBC
NFC bluetooth® pairing	•	•
Multi-pairing	8	8
Multi point	3	2
SPECIFICATIONS		
Drivers	52 mm x 2 Full Range Driver 100 mm Passive Radiator	40 mm x 2 Full Range Driver 40 mm x 83 mm Passive Radiator
Amplifier	High efficiency digital amplifier	High efficiency digital amplifier
GENERAL		
Available colours: White / Black	• / •	• / •
Included grille cloth colors: Lunar / Indigo / Fandango / Sunset	• / • / • / •	-
AC charger power supply	Input AC 100-240 V 50 / 60 Hz Output 13 V / 2.3 A	-
Power consumption	<0.3 W (Standby)	3 mW (power off)
Dimensions (W x H x D)	255 x 141 x 47.5 mm	210 x 54 x 51 mm
Weight	1.28 kgs	0.51 kgs



NETWORK MUSIC SYSTEMS

Technical information			
	CEOL Carino	CEOL Piccolo	CEOL
High quality power output	2 x 20 W	2 x 40 W	2 x 65 W
CD Compatibility: CD / CD-R/RW / WMA / MP3	- / - / - / -	- / - / - / -	• / • / • / •
Tuner: FM (RDS) / AM	- / -	- / -	• / •
Streaming audio from computer	-	•	•
PC Direct by rear USB-B	• (no driver required)	-	-
Bluetooth® / aptX / NFC	• / Low Latency / •	• / - / •	• / - / •
Internet radio	-	•	•
AirPlay audio streaming	-	•	•
Windows 8 / RT	-	•	•
vTuner / Spotify*	-	• / Connect	• / Connect
USB Audio (Front) / Made for iPod® / Made for iPhone®	- / - / -	• / • / •	• / • / •
Ethernet / WiFi	- / -	• / •	• / •
WiFi setup: WPS / WiFi Sharing	- / -	• / •	• / •
DLNA certified	-	• (v1.5)	• (v1.5)
Lossy formats: MP3 / WMA / AAC	-	• / • / •	• / • / •
Lossless formats: FLAC HD / ALAC / WAV / AIFF	-	• / • / • / •	• / • / • / •
Gapless Playback	-	• (FLAC / WAV / DSD / AIFF / ALAC)	• (FLAC / WAV / DSD / AIFF / ALAC)
WMM (WiFi Multimedia)	-	•	•
Remote APP: iDevice / Android	-	• / •	• / •
Tone Control: Bass / Treble / Balance	Speaker Optimization	• / • / •	• / • / •
Speaker Optimizer	•	•	•
Auto Volume Adjust / Wide Sound	• / •	- / -	- / -
Vertical installation	•	-	-
Low Noise OLED display	•	3 line	3 line
Clock	-	•	•
Sleep Timer	-	•	•
Programmable Timer: Once / Daily	- / -	• / •	• / •
INPUTS/OUTPUTS			
AUDIO			
Analogue In/out	1 / 0	1 / 0	1 / 0
Digital Optical In/Out	-	1 / 0	2 / 0
Rear USB-B	•	-	-
OTHER			
iPod® / iPhone® compatible USB input	-	1	1
Subwoofer PreOut	•	•	•
Speaker Terminal: push type / Screw	• / -	• / -	• / -
Headphone Out	•	•	•
SPECIFICATIONS			
AUDIO SECTION			
Power Output (6 ohm, 1 kHz)	20 W	40 W / 4 ohms	60 W / 4 ohms
Number of channels	2	2	2
Freq. Response (Analogue In)	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
Signal to Noise Ratio (audio)	86 dB	86 dB	86 dB
Total Harmonic Distortion (audio)	0.1 (1 kHz / 5 W / 6 ohms)	0.1 (1 kHz / 5 W / 4 ohms)	0.1 (1 kHz / 5 W / 4 ohms)
TUNER SECTION FM			
Frequency Range FM	-	-	87.5 - 108 MHz
Signal to Noise Ratio (Mono/Stereo) FM	-	-	74/70 dB
Total Harmonic Distortion (Mono/Stereo) FM	-	-	0.3 / 0.4 %
GENERAL			
Available colors: Black / White	• / •	• / •	• / •
Remote Control	RC-1195	RC-1198	RC-1199
Power Consumption in W	15	45	55
Standby Consumption in W	0.4	0.4	0.4
Maximum Dimensions (W x D x H) in mm	175 x 201 x 60	200 x 239 x 90	280 x 305 x 102
Weight in kg	1.5	2.0	3.3

* Not available in all regions.

Technical information			
Speaker	SC-N2	SC-N4	SC-N9
Type	2-way, passive	2-way, reflex	2-way, reflex
Drivers	6 cm full range, 7.5 cm passive bass	10 cm bass-mid, 2.5 cm dome high	12 cm bass-mid, 2.5 cm dome high
Frequency Range	-	70 Hz-20k Hz	50 Hz-20 kHz
Impedance (ohms)	6	6	6
Available colors: Black / White	• / •	• / •	• / •
Maximum Dimensions (W x D x H) in mm	98 x 98 x 105	134 x 200 x 185	153 x 200 x 233
Weight in kg	0.73	2.0	2.4



HEADPHONES

Technical information					
MUSIC MANIAC					
	AH-MM400	AH-MM300	AH-MM200	AH-C120MA	AH-C50MA
Colour	American Walnut	Black	Black / White	Black	Black/Silver
Driver Diameter	40 mm	40 mm	30 mm	11.5 mm	9 mm
Driver Type	Dynamic (Carbon/paper diaphragm + Free Edge)	Dynamic (Carbon/paper diaphragm + Free Edge)	Dynamic (Triple layered Diaphragm)	Dynamic	Dynamic
Impedance	32 ohms	32 ohms	24 ohms	32 ohms	16 ohms
Sensitivity	98 dB / mW	96 dB / mW	99 dB / mW	106 dB / mW	103 dB / mW
Maximum Power Input	1000 mW	1000 mW	1000 mW	250 mW	100 mW
Frequency Response	10-40,000 (Hz)	10-40,000 (Hz)	10-25,000 (Hz)	5-24,000 (Hz)	20-23,000 (Hz)
Weight	310 g	195 g	130 g	7.37 g (not including cable)	3.96 g (not including cable)

Technical information		
GLOBE CRUISER		
	AH-W200	AH-GC20
Colour	Silver / Black	Black
Driver Diameter	11.5 mm	40 mm
Driver Type	Dynamic	Dynamic
Impedance	16 ohms	100 Ohm (Power on)
Sensitivity	102 dB / mW	102 dB / mW
Maximum Power Input	250 mW	1000 mW
Frequency Response	5-25,000 Hz	5-40,000 Hz
Weight	23 g	275 g

Technical information	
EXERCISE FREAK	
	AH-W150
Colour	Blue, Black, Yellow, Orange
Driver Diameter	11.5 mm
Driver Type	Dynamic
Impedance	16 ohms
Sensitivity	102 dB / mW
Maximum Power Input	250 mW
Frequency Response	5-25,000 Hz
Weight	23 g



HEOS

Technical information				
	HEOS 1	HEOS 3	HEOS 5	HEOS 7
AUDIO SYSTEM				
Class D digital amplifiers	Dual	Dual	Four	Five
Driver speaker system	Dual	Dual	Four	Five
NETWORKING				
Wireless Connectivity: 802.11a/b/g/n networks on 2.4 GHz / 5 GHz bands	• / •	• / •	• / •	• / •
Wired Connectivity: Single RJ-45 jack	•	•	•	•
MUSIC SOURCES				
NAS (Network Attached Storage): DLNA	•	•	•	•
USB Storage	•	•	•	•
Aux Input	•	•	•	•
Internet Radio Supported: MP3 / AAC / WMA	• / • / •	• / - / •	• / - / •	• / - / •
Album Art Supported: JPG / PNG / BMP / GIF	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •
Audio Formats Supported: MP3 / WMA / AAC (MPEG4) / FLAC / WAV	• / • / • / • / •	• / • / • / • / •	• / • / • / • / •	• / • / • / • / •
GENERAL				
Power Supply: AC 100–240 V / AC 50–60 Hz	• / •	• / •	• / •	• / •
Weight	1.9 kg	1.9 kg	3.0 kg	4.5 kg
Dimensions (H x W x D) in mm	189 x 129 x 128	130 x 272 x 165 (horizontal placement)	209 x 294 x 166	203 x 479 x 164
Product Finish: Black / White	• / •	• / •	• / •	• / •

Technical information			
	HEOS Amp	HEOS Link	HEOS HomeCinema
AUDIO SYSTEM			
Class D digital amplifiers	2 ch	-	4 (bi-amplified soundbar)
Driver speaker system	-	-	2.1 Speaker System
Power amplifier Rated output	100 W + 100 W (6 ohms, 1 kHz, T.H.D. 0.7%) 70 W + 70 W (8 ohms, 20 Hz - 20 kHz, T.H.D. 0.05%)	-	-
Impedance	4 – 16 Ω/ohms	-	-
Total Distort: ANALOGUE IN / S/N ratio	0.1 % (1 kHz) / 83 dB	0.01 % (1 kHz) / 90 dB	-
Frequency response: 20 Hz to 20 kHz	±1.0 dB	±0.5 dB	-
Analogue output Output level	-	FIX : 2.0 Vrms (10 kΩ / kohms) / Variable	-
Sound Formats:	-	-	Dolby Digital (Plus) / DTS Decoding
HDMI Input / Output	-	-	• / •
Digital inputs: optical / coaxial	• / -	• / -	• / •
Digital outputs: optical / coaxial	- / -	• / •	- / -
NETWORKING			
Wireless Connectivity: 802.11a/b/g/n networks on 2.4 GHz / 5 GHz bands	• / •	• / •	• / •
Wired Connectivity: Single RJ-45 jack	•	•	•
MUSIC SOURCES			
NAS (Network Attached Storage): DLNA	•	•	-
USB Storage	•	•	•
Aux Input	•	•	•
Internet Radio Supported: MP3 / AAC / WMA	• / - / •	• / - / •	• / • / •
Album Art Supported: JPG / PNG / BMP / GIF	• / • / • / •	• / • / • / •	• / • / • / •
Audio Formats Supported: MP3 / WMA / AAC (MPEG4) / FLAC / WAV	• / • / • / • / •	• / • / • / • / •	• / • / • / • / •
GENERAL			
Power Supply: AC 100–240 V / AC 50–60 Hz	• / •	• / •	•
Weight	2.8 kg	1.3 kg	2.8 kg Soundbar / 6.6 kg Subwoofer
Dimensions (H x W x D) in mm	221 x 93 x 214	155 x 74 x 150	82 x 1017 x 94 Soundbar / 313 x 171.5 x 332 Subwoofer
Product Finish: Black / White	Black front panel / sides / silver trim + top panel	Black front panel / sides / silver trim + top panel	• / –



HEOS Amp



HEOS Link



HEOS HomeCinema

Technical information	
	GoPack
GENERAL	
Playback Time	up to 6 hours
Weight	0.32 kg
Dimensions (H x W x D) in mm	33 x 125 x 118
Product Finish: Black / White	• / •

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