DENON®

DIGITAL CINEMA

**AVAILABLE AT DIGITAL CINEMA**

Product Information
# DRA-100

## DENON DESIGN SERIES



Internet Radio

| DRA-100 | NETWORK STEREO RECEIVER |

# FULL DIGITAL NETWORK STEREO RECEIVER WITH APPEALING DESIGN AND UNLIMITED MUSIC STREAMING OPTIONS

Real Hi-Fi for today's lifestyles. Say hello to the newest entry in the Denon's Design Series: The elegant DRA-100 Network Amplifier. Sporting a sleek aluminium body and two-tone design, its boasts a 2x 70W digital amplifier with Advanced AL32 Processing, network streaming capabilities, gapless playb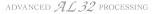ack and, of course high resolution audio. For the most convenient music streaming from Apple iDevices, the DRA-100 comes with built-in AirPlay technology. Also, an OLED, a USB-A connection, two optical and one coaxial input and Spotify Connect are present and correct.

WiFi CERTIFIED  ·  Bluetooth®  ·  N™  ·  DDFA®  ·  ADVANCED *AL32* PROCESSING  ·  Spotify  ·  AirPlay  ·  Made for iPod iPhone

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### Advanced AL32 Processing

For the ultimate fidelity with 16-bit, 20-bit and 24-bit digital audio tracks, the DRA-100 features Denon's Advanced AL32 digital audio processing system. Featured on Denon's premium audiophile disc players and digital audio components, Advanced AL32 processing upconverts, digitally filters and noise-shapes lower bit data to full 32-bits, delivering remarkable dynamic range and noticeably better low level resolution. Your favorite digital audio tracks have never sounded better.

### Master Clock design

This Denon Master Clock design reduces jitter and ensures that sound is correctly localized and your sound space is thoroughly realistic.

### Full digital power amplifier for powerful and detailed sound

The amplifier section incorporates DDFA® technology. The output stage circuit has a discrete construction which realizes higher Signal-to-Noise-ratio and lower distortion compared to conventional class D amplifiers. This advanced amplifier system delivers superior audio fidelity along with high amplifier efficiency at 70W into 4 ohms.

The premium grade multi-way speaker connectors let you connect speaker cables via bare wire, pin connectors as well as banana plug connectors.

### High resolution Audio including DSD via network or USB

Thanks to the DLNA 1.5 compatibility, you can enjoy music file streaming from your computer or NAS drive most conveniently. The DRA-100 supports MP3, AAC, WMA, and even high resolution audio tracks of up to 192-kHz/24-bits (WAV, FLAC, AIFF) along with DSD 2.8 MHz and 5.6 MHz files (DSD is the advanced digital audio coding system of SACD). The same file support is given through the front USB port, which in addition can directly play back music from your iDevice using the DRA-100's high-performance audio circuit.

### Multiple Digital Audio Inputs; Analogue Stereo Input

In addition to the USB-A input, the DRA-100 features 2 optical digital audio inputs and 1 coaxial digital audio input. There are also two stereo analogue inputs for connection to legacy analogue sources.

### Bluetooth Wireless Connectivity with NFC

Stream your favourite audio tracks from your portable devices via the DRA-100's Bluetooth connectivity, which features quick and easy pairing. For even faster pairing, the DRA-100 features NFC (Near Field Communication). Simply activate your NFC-enabled Bluetooth device and place it next to the N mark on the DRA-100 (located on the front panel), and it's instantly paired with no need for manualpasscode entry.

### Built-in Bluetooth and WiFi

The DRA-100 features Bluetooth & Wi-Fi wireless streaming connectivity out-of-the-box. Connect to the internet through your home Wi-Fi network (or with a hard-wired connection via the RJ-45 Ethernet LAN port) and enjoy your favourite tracks from streaming music services such as Spotify Connect. You can also choose from thousands of internet radio stations around the world, and enjoy music from virtually every genre. With AirPlay, you can enjoy listing to your favourite tracks wirelessly from your iOS device, including the iPod touch, iPhone and iPad, and the DRA-100 is also DLNA 1.5 certified for compatibility with your home PC or Mac. The Denon Hi-Fi Remote App lets you easily control the DRA-100 with your favourite portable device and it's available for both Apple and Android devices.

### Compact Chassis with clear OLED

The stylish and elegant compact chassis features deluxe finishes including soft aluminum matte with bright silver tone accents and glossy and matte black surfaces. The OLED shows the source selected via graphical icons and text as well as the sampling frequency and data format of digital sources.

### High Quality Headphone Output with Selectable Headphone Impedance

For top audio fidelity, the DRA-100 is equipped with a dedicated headphone amplifier circuit that features a high speed ultra low distortion wideband op amp that's paired with a fully discrete final output stage.

In order to accommodate the widest range of headphone types, the DRA-100 features an adjustable headphone impedance control, with 3 settings for low, medium and high impedance headphones which provide proper matching of headphone impedance and amplifier gain.

The headphone jack features a 6.3mm connector for compatibility with premium home and professional studio headphone models.

### Ergonomic Remote Control

The supplied remote control features an ergonomically-designed layout that includes a cursor keypad, source select and volume controls, setup menu buttons, a Bluetooth button and a display dimmer button.

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### KEY FEATURES

- High quality sounding, Design Network Stereo Receiver
- High Resolution Audio streaming via DLNA 1.5 and Front-USB
- Built-in AirPlay, Internet Radio and Spotify Connect (where available)
- Digital optical/coaxial and analogue inputs
- Bluetooth® wireless streaming with NFC pairing

### STATE-OF-THE-ART DENON SOLUTIONS FOR MAXIMISING CONTENT QUALITY

- 70 watts per channel (4 ohms) Full Digital Processing Amplifier
- Advanced AL32 Processing and Master Clock Design
- Dedicated headphone amplifier circuit

### EASE-OF-USE AND OTHER FEATURES

- Subwoofer pre-output for system expansion
- Clear view OLED
- Easy-to-use remote control
- Auto Standby and low power consumption at stand-by 0.3 W

| | | | |
|---|---|---|---|
| EAN | DRA100SPE2 | 4951035056585 | Black |
| UK | DRA100SPE2GB | 4951035056585 | Black |

## Technical information

| Number of power amps | 2 |
|---|---|
| Power output | 35 W + 35 W (8 Ω/ohms, 1 kHz, T.H.D. 0.01 %) |
| | 70 W + 70 W (4 Ω/ohms, 1 kHz, T.H.D. 1.0 %) |
| Speaker impedance | 4 - 16 ohms |
| USB-A Audio Streaming | DSD / WAV / FLAC / AIFF / ALAC |
| Sample Rate digital In | 192 kHz/24-bit |
| Advanced AL32 Processing | • |
| Master Clock Design | • |
| Dual Clock (44.1/48) | • |
| WiFi / Wired LAN | •/• |

| Bluetooth | |
|---|---|
| Compatible Bluetooth profiles | A2DP/AVRCP |
| Supported codecs | AAC/SBC |
| NFC Bluetooth pairing | • |
| Multi-pairing | 8 |

| General | |
|---|---|
| Power supply | AC 230 V, 50 Hz |
| Power consumption | 60 W (Standby 0.3 W) |
| Dimensions (W x H x D) | 280 x 104 x 337 mm |
| Weight | 4.8 kg |

|V01|

## Ports

| IN | Digital Optical | x 2 |
|---|---|---|
| | Digital Coaxial | x 1 |
| | USB-A | x 1 |
| | AUX in | x 2 |
| OUT | Audio out | x 1 |
| | Subwoofer pre out | x 1 |
| | Speaker output terminals | x 2 |
| | Headphones | x 1 |