

# AVR-E400

Integrated Network AV Receiver

## Great Sound Made Easy

### Connect to your home network and connect to the Internet to enjoy music streaming

The AVR-E400 is a powerful high-performance 7.1-channel AV surround receiver that lets you enjoy HD and 3D movies in remarkably spacious surround sound. This receiver is equipped with advanced video circuitry capable of upconverting 1080p video signals to 4K Ultra HD (3840x2160 pixels) video signals. Video images at this resolution are dazzlingly vibrant and sharp. With Denon's exclusive Setup Assistant, the easy-to-follow instructions on your HDTV screen help you to quickly and easily set up the ideal acoustic parameters for your listening space. In addition, you can assign 2 channels of the AVR-E400's 7-channel amplifier to provide amplifier power for stereo sound enjoyed in a separate room.



### Features

#### State-of-the-art Denon Solutions for Maximizing Content Quality

- Maximum power, 185 watts, 7 channels
- All-discrete output stages with equal power and identical quality on all channels
- 1080P & 4K Ultra HD (3940x2180) upconversion
- Analog to HDMI video conversion lets you run just one HDMI cable to your HDTV
- Audyssey MultEQ® automatically sets the speakers to suit the room's listening environment and the speakers' characteristics
- Audyssey Dynamic EQ® improves surround effects at lower volume levels
- Audyssey Dynamic Volume® stabilizes volume levels for consistent sound
- Digitally transmitted play function for iPod® and iPhone® (via USB) for best sound quality
- High-performance 192kHz/24-bit D/A converters for all channels
- Denon's proprietary Compressed Audio Restorer, to restore sound quality from compressed music sources such as MP3 tracks

#### Connectivity

- Multi-Room audio lets you enjoy 5.1 sound with separate stereo audio in a 2nd room
- Networking with AirPlay®, Pandora®, Spotify & SiriusXM Internet Radio

- 6 HDMI inputs (1 on the front panel) - 1 HDMI output
- Supports HDMI with 4K Ultra HD (3840x2160), 3D, Audio Return Channel, Deep Color, x.v.Color, Auto Lipsync and HDMI CEC (Consumer Electronics Control)
- Convenient front USB input for quick and easy connection of your portable device

#### Ease-of-Use

- Supports new "Denon Remote App" to simplify operation by Android & iOS tablet/smartphone
- New, easy-to-connect push-type speaker terminals in a horizontal layout
- Comes with color-coded labels to easily identify the correct speaker cables
- New Setup Assistant with rich GUI (Graphical User Interface) with easy-to-follow setup instructions
- Comes with simple, easy-to-use remote controller
- Auto power off
- Front panel display with large, easy-to-read characters
- Less chassis depth for an easier installation

#### Others

- Audio Delay function
- Lower power consumption at standby 0.1 W

PANDORA®



SiriusXM  
INTERNET RADIO

- Convenient front panel HDMI input for connecting a camcorder or game console

Made for  
iPod iPhone



## State-of-the-art Denon Solutions for Maximizing Content Quality

- Maximum power, 185 watts, 7 channels

Delivers the legendary sound quality you have come to expect from Denon.

- All-discrete power amp, equal power, identical quality

The power output stage features all-discrete high current power devices that are able to handle lower impedance speakers. The power amp stages for all 5 channels feature identical circuit design to ensure highest sound quality and consistency on all channels for the best surround sound experience, delivering wide dynamic range and low distortion.

- 1080P & 4K Ultra HD scaling

The AVR-E400 features a sophisticated video processor section that provides upconversion from standard definition (SD) and high definition (HD) sources (up to 1080p) to 4K Ultra HD (3840x2160 pixels), which lets you connect all your video sources to the AVR-E400 and then connect to your HDTV with just 1 HDMI cable. The video processor is also prepared for the future as it also supports 4K Ultra HD pass-through, providing everything you need to enjoy the highest resolution HD today and in the future.



## Connectivity

- Multi-Room audio

Enjoy 5.1 channel home theater surround sound and a separate stereo audio source in another room at the same time.



Main zone

Other zone

## Ease-of-use

- Supports new "Denon Remote App" to simplify operation by Android & iOS tablet/smartphone



- New, easy-to-connect push-type speaker terminals in a horizontal layout



- New Setup Assistant with a rich GUI, providing easy-to-follow setup instructions



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

## Main Specifications

### Power amplifier section

Rated output	*THD figures are power amp stage values.
Front L/R	90 W + 90 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 Ω/ohms, 1 kHz, THD 0.7%)
Center	90 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W (6 Ω/ohms, 1 kHz, THD 0.7%)
Surround L/R	90 W + 90 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 Ω/ohms, 1 kHz, THD 0.7%)
Surround Back L/R	90 W + 90 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 Ω/ohms, 1 kHz, THD 0.7%)

### Preamplifier section

Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Frequency response	10 Hz - 100 kHz - +1, -3 dB (DIRECT mode)
S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)

### FM section

Tuning frequency range 87.5 - 107.9 MHz

### AM section

Tuning frequency range 520 - 1710 kHz

### General

Power supply	AC 120 V , 60 Hz
Power consumption	460 W (Standby 0.1 W, CEC standby 0.5 W)
Dimensions (W x H x D)	17 3/32" x 6 3/8" x 13 5/32" 434 x 162 x 334 mm
Weight	20 lbs 12 oz (9.4 kg)

### Ports

In	Count
HDMI (incl. Front 1)	6
Video (component)	1
Video (composite)	2
Analog audio	4
Digital audio (optical)	1
Digital audio (coaxial)	1
Out	Count
HDMI monitor	1
Audio preout (subwoofer)	1
Phones	1
Others	Count
Network (Ethernet)	1
USB	1
FM tuner antenna	1
AM tuner antenna	1
Setup mic jack	1

