



# AVR-X3400H

7.2CH AV SURROUND RECEIVER WITH HEOS

## WORLD-CLASS HOME ENTERTAINMENT



The AVR-X3400H 7.2 channel AV Surround Receiver offers the ultimate home theater experience with Dolby Atmos and DTS:X, plus unparalleled music playback options, thanks to built-in HEOS technology.

### HIGHLIGHTS

- 7.2 channel AV Receiver with 105W per channel (8 ohms, 20 Hz - 20 kHz, 0.08% THD)
- Built-in Wi-Fi with 2.4GHz/5GHz dual band support; built-in Bluetooth®
- 4K/60 Hz pass-through, Dolby Vision compatible, HDR, HLG, eARC\* and BT.2020
- 8 HDMI inputs (incl. 1 front) with full HDCP 2.2 support; 3 HDMI outputs
- Advanced Video Processing with full-rate 4K Scaling for all sources
- Dolby Atmos (up to 5.1.2) and DTS:X
- Built-in HEOS Wireless Multi-Room Audio Technology
- AirPlay, Bluetooth, TuneIn Internet Radio, Pandora®, Spotify®, Amazon Prime Music, iHeartRadio, SiriusXM, Soundcloud®, Tidal, Napster or Deezer Network Audio Streaming
- AKM 32-bit D/A converters; DSD (2.8/5.6MHz), FLAC, ALAC and WAV support
- Audyssey MultEQ XT32, Dynamic Volume and Dynamic EQ, LFC, Sub EQ HT
- Color-coded speaker terminals, Setup Assistant, Denon 2016 AVR Remote App

### YOUR BENEFITS

- Enough power to fill medium size rooms with unique Denon sound
- Improved network stability especially in Wi-Fi-crowded homes
- Latest HDMI standard for future-proof compatibility
- Plenty of inputs for all sources; dual main zone + second zone HDMI
- Full HD and even Ultra HD video quality from existing video sources
- Blockbusting 3D sound with effects from overhead
- Enjoy your music in your whole house with more HEOS products
- Access to almost unlimited online music sources
- High Resolution audio streaming for HiFi enthusiasts even in Gapless
- Delivering the most advanced equalization for your individual room
- Hassle-free installation, setup and operation



\* via firmware update

## Powerful 7 Channel Discrete Amplifier

Featuring high current discrete power output devices on all channels, the AVR-X3400H delivers high power and is rated a 105 watts (8 ohm, 20 Hz - 20 kHz, 0.08% THD, 2ch Drive). There's also an Auto Eco mode that adjusts the maximum power available according to the volume level as well as an on-screen Eco meter that lets you see the power consumption reduction in real time. For compatibility with the widest range of loudspeakers the AVR-X3400H is equipped with low impedance drive capability that provides operational stability with 4 ohm speakers.

## HEOS wireless multi-room music streaming, controlled by free HEOS app

Our HEOS technology enables the AVR-X3400H to become part of the HEOS wireless multi-room system, allowing you to enjoy your favorite music anywhere – and everywhere – around your home. Share music stored on your home network, Internet radio or streaming services with HEOS wireless speakers, or even other HEOS-capable receivers, throughout the house. And it's all controlled by the free HEOS app, installed on as many smartphones and tablets as you like! The app gives you instant multi-room audio control, meaning you can command music in every room from any device: play different music from different sources in every room, group several rooms together and play the same song, perfectly synchronized, in party mode! Learn more about the full HEOS lineup here: <http://www.heosbydenon.com>.

## Wide array of music streaming services

The HEOS app puts multiple streaming services in the palm of your hand, ready to play on your AVR or any devices on your HEOS network! Enjoy music from TuneIn Internet Radio and a wide range of streaming services including Pandora®, Spotify®, Amazon Prime Music, iHeartRadio, SiriusXM, SoundCloud®, Tidal, Napster or Deezer (\*), or use the HEOS app to stream tunes or whole albums from your phone, USB stick, or computers and NAS drives on your home network. Whatever you want to hear, access it directly from the HEOS app, complete with support for favorites and playlist functions.

(\*) Availability differs by area, subscription may be required.



## Technical information

<b>Number of power amps</b>	7 (Front L/R, Center, Surround L/R, Surround Back L/R)
<b>Power output</b>	215 watts per channel (6 ohms, 1kHz, THD 10%, 1ch driven)
	135 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)
	105 watts per channel (8 ohms, 20 Hz - 20 kHz, THD 0.08%, 2ch driven)
<b>Speaker impedance</b>	4 - 16 ohms
<b>Preamplifier section</b>	
Input sensitivity/impedance	200 mV / 47 kohms
Frequency response	10 Hz - 100 kHz — +1, -3 dB (DIRECT mode)
S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)

## Dolby Atmos & DTS:X

Feel every dimension in Dolby Atmos. Dolby Atmos transports you into the story with moving audio that flows all around you with breathtaking realism. Enjoy a 5.1 surround sound speaker system and 2 additional overhead speakers or 2 Dolby Atmos elevation speakers for the ultimate home theater experience – including Dolby Surround upmixer for legacy content.

DTS:X™ immersive audio places sound where it would occur naturally in space, creating a lifelike, multi-dimensional audio experience in the home. The improved immersion and heightened realism draw you into the world of your favorite movies. The included spatial remapping engine, DTS Neural:X™, gives your movie, game and music collections a new lease on life! DTS:X brings the theater home.

## Advanced HDMI Video Section

Featuring 8 HDMI inputs, including 1 conveniently located on the front panel, the AVR-X3400H incorporates an advanced video section that features all you need for the ultimate home cinema experience: Full 4K Ultra HD, HDCP 2.2, HDR (High Dynamic Range), BT.2020, Wide Color Gamut and 4:4:4 Pure Color sub-sampling. It is even ready for Dolby Vision, HLG (Hybrid Log Gamma) and eARC (enhanced Audio Return Channel; via update), and owns an advanced video processor to upscale existing lower resolution video to true 4K. Thanks to the three HDMI outputs, you can even connect a TV and a projector in parallel, and watch a different source in a second zone.

## High Resolution Audio / Front USB Port

Enjoy superb audio fidelity with your favorite high resolution audio tracks. The AVR-X3400H features high resolution audio decoding with multiple lossless file types including ALAC, FLAC and WAV at up to 24-bit/196-kHz along with compatibility for 2.8/5.6-MHz DSD files (DSD is the audio coding format of SACD). Play them from memory devices via the front panel USB, or from network sources – the AVR-X3400H will also play lossy file types such as MP3 and WMA.

## Built-in Bluetooth®, Wi-Fi & AirPlay

Featuring Bluetooth and dual band Wi-Fi wireless connectivity, the AVR-X3400H is equipped with an advanced dual diversity antenna RF transceiver system for robust and error-free streaming, even in congested environments. 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 all the music options the HEOS technology offers, including thousands of internet radio stations around the world.

With AirPlay you can enjoy listening to your favorite tracks wirelessly from your favorite iOS device including the iPod touch, iPhone and iPad.

## Audyssey Room Correction

The AVR-X3400H features the Audyssey MultEQ XT32 suite of DSP functions, which includes room equalization, Dynamic EQ and Dynamic Volume. Audyssey MultEQ XT32 automatic room acoustic measurement and correction system matches your speakers to your room's acoustics, for the smoothest, most natural tonal balance. Audyssey Dynamic EQ uses advanced psychoacoustic algorithms to continually adjust tonal balance so that the sound you hear is full range, even at lower volume levels, and Audyssey Dynamic Volume smoothes out annoying volume jumps, especially with loud commercials. Audyssey LFC prevents bass from passing your walls and disturbing your neighbors while maintaining the bass performance in the listening room. Audyssey Sub EQ HT makes the integration of dual subwoofers seamless by first compensating for any level and delay differences between the two subwoofers and then applying Audyssey MultEQ XT32 to both subwoofers together.

## Audyssey MultEQ Editor App

With this comprehensive app, you can harness the power of Audyssey MultEQ to take total control of the way your home cinema sounds. Go 'under the hood', view and adjust settings for detailed tuning, customize the sound more precisely to the specific problems in your room, and tailor the sound to your personal preferences. The app is available for purchase from the Apple App Store or Google Play.

## Easy To Setup, Easy To Use

For maximum ease of setup, the AVR features a horizontal row of color-coded premium loudspeaker connectors, and it comes with a set of colour-coded speaker cable labels that help ensure correct speaker cable hookup the very first time. With our exclusive Setup Assistant along with the Quick Start Guide, you can connect and configure your home cinema system quickly and easily. The Setup Assistant features clear on-screen graphics and text that quickly and easily guide you through the setup process, optimizing critical system settings for the best possible sound quality.

## Ports

IN		
HDMI (Front 1)		x 8
Composite		x 3
Component (video)		x 2
Analog Audio		x 5
Digital Optical / Coaxial		x 2 / x 2
USB (front)		x 1
OUT		
HDMI Monitor / Zone2		x 2 / x 1
Video / Component Monitor		- / -
Audio Preout: Zone2 / SW		x 1 / 7.2ch
Phones		x 1
OTHER		
Ethernet		x 1
Microphone Port		x 1
FM Tuner Antenna		x 1
AM Tuner Antenna		x 1

<b>UPC</b>	AVRX3400HBKE3	883795004220	Black
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## Sound United LLC

North America Regional Headquarters  
1 Viper Way  
Vista, CA 92081  
[usa.denon.com](http://usa.denon.com)  
[ca.denon.com](http://ca.denon.com)

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\* All specs can be subject to change \* Available only in Black