

# DOLBY ATMOS

## ENTER A NEW WORLD OF SOUND.

The Denon AVR-X5200W and AVR-X4100W with Dolby Atmos® transports you from an ordinary moment into an extraordinary experience with captivating, multi-dimensional sound that fills your room with amazing richness and depth. Music, people and things come alive in breathtaking detail and flow in precise choreography all around you, making you feel like you are truly there.

Welcome to a new world of sound that delivers the full impact of entertainment—it will move your mind, body, and soul like no other.



## DOLBY ATMOS AND DENON FAQs

### How does Dolby Atmos work?

With Dolby Atmos, sound designers are freed from channel restrictions. They can now precisely place and move sounds as independent objects in multidimensional space, including anywhere overhead, so you can hear them as you would naturally. Sounds flow above and around you in step with the visuals, bringing a new sense of height and reality to your listening experience. Dolby Atmos helps weave the audio story to match what's happening on-screen. It puts you in the middle of the action like you have never experienced before.

### What is the difference between Dolby Atmos in the cinema and Dolby Atmos in the home?

The cinema, with its giant screen and massive sound system, will always be the reference for the ultimate entertainment experience. While home theaters have fewer speakers, the Dolby Atmos home experience is extremely powerful. It combines traditional home theater speaker layouts with either ceiling-mounted speakers or new Dolby Atmos enabled speakers that create a plane of sound above the listener. The impact of either in-ceiling or Dolby Atmos enabled speakers is breathtaking; your room fills with realistic, multidimensional sound that places you directly in the center of the entertainment experience.

### Who is creating content, such as movies, for Dolby Atmos in the home?

Globally, more than 100 cinema blockbusters have been released featuring Dolby Atmos soundtracks in the past two years, and many more are on the way. Major Hollywood studios are partnering with Dolby to create home video

versions of current box office releases and previously released favourites for release in 2014. In addition to global studio partnerships, Dolby is partnering with game and music content creators to leverage Dolby Atmos technology for future home theater use.

### What home setup do I need to experience Dolby Atmos?

To experience this sound revolution, you'll need a way to play or stream Dolby Atmos content, and to create your own Dolby Atmos home theater environment. You can play Dolby Atmos content from a Blu-ray Disc through an existing Blu-ray Disc player. Be sure you have a player that is fully compliant with Blu-ray specifications, such as a Denon. Or you can stream content from a compatible game console, Blu-ray, or streaming media player. In both cases, be sure to set your player to bitstream output. Decoding and rendering of Dolby Atmos content is managed entirely by a compatible A/V receiver, like the Denon AVR-X5200W or AVR-X4100W. To properly pass the Dolby Atmos audio to the AVR, source devices must be connected to the AVR via HDMI and set to audio bitstream out. Next is your speaker setup. You'll have three options. First, you can choose speakers with Dolby Atmos speaker technology integrated into the top of the unit. Second, if you'd prefer to build on your existing speaker setup, you can simply add up-firing Dolby Atmos speaker modules that sit directly on top of or alongside your current speakers. Third, you can choose to install speakers in your ceiling to reproduce the height layer of sound above you just like the cinema. Any of the three speaker options will deliver the revolutionary Dolby Atmos sound experience that puts you in the middle of the on-screen action, right in your own home theater.



## DOLBY ATMOS COMPATIBLE DENON PRODUCTS



### AVR-X5200W

- 205W x 9ch (6 ohms, 1%, 1ch driven)
- Monolithic amplifier design with Denon custom made transistors
- Built in WiFi with dual antenna, built in Bluetooth
- Latest HDMI standard with 4K Ultra HD
- Dolby Atmos
- Audyssey DSX; dts Neo:X 11.1ch processing
- Spotify Connect
- Advanced ECO mode with off/on/auto setting
- 11.2ch processing and 13.2ch pre-out



### AVR-X4100W

- 200W x 7ch (6 ohms, 1%, 1ch driven)
- High quality discrete power amplifier for powerful and detailed sound
- Built in WiFi with dual antenna, built in Bluetooth
- Latest HDMI standard with 4K Ultra HD
- Dolby Atmos
- Audyssey DSX; dts Neo:X 9.1ch processing
- Spotify Connect
- Advanced ECO mode with off/on/auto setting
- 9.2ch processing and 13.2ch pre-out



5.1.2: Regular 5.1 setup with 2 ceiling or 2 Dolby Atmos-enabled speakers



5.1.4: Regular 5.1 setup with 4 ceiling or 4 Dolby Atmos-enabled speakers



7.1.4: Regular 7.1 setup with 4 ceiling or 4 Dolby Atmos-enabled speakers



## POSSIBLE DOLBY ATMOS SPEAKER SETUPS



7.1.2: Regular 7.1 setup with 2 ceiling or 2 Dolby Atmos-enabled speakers



9.1.2: Regular 9.1 setup with 2 ceiling or 2 Dolby Atmos-enabled speakers



## DENON DOLBY ATMOS SPEAKER SETUPS

AV RECEIVER		SPECIFICATIONS		DOLBY ATMOS SPEAKER CONFIGURATION OPTION				
Model	Dolby Atmos Built-In	Internal Power Amplifier	AV Receiver Channels	5.1.2	5.1.4	7.1.2	7.1.4	9.1.2
AVR-X4100W	✓	7ch	9.2	✓	✓*	✓*	-	-
AVR-X5200W	✓	9ch	11.2	✓	✓	✓	✓*	✓*

\* with additional power amplifier