

DENON



11.4 Channel 8K Ultra HD Receiver with HEOS

AVR-X6800H

SKU: 185329 UPC: 747192140359

Designed and manufactured in Japan, the AVR-X6800H drives 11.4 channels of amplification for an upscaled experience. With Dolby Atmos and DTS:X, plus IMAX Enhanced and Auro 3D, the AVR-X6800H envelops larger living spaces in breathtaking 3D audio. With HEOS® Built-in, wirelessly stream your favorite music.

Featuring a sophisticated power amplifier design, the AVR-X6800H delivers high-power performance at 140 watts per channel (8 Ohms, 20 Hz–20 kHz, THD: 0.05%, 2 ch. driven) to ensure a dynamic and precise entertainment experience. Enhance performance with room correction options from Audyssey (installed) or Dirac Live® Room Correction and Dirac Live® Bass Control (optional). Get enveloped in sound with Dolby Atmos®, DTS:X®, IMAX Enhanced and Auro 3D, along with Dolby Surround, DTS Neural:X, and Auro-Matic upmixer to optimize legacy content.

AVR-X6800H offers many setup options and flexibility to adjust your home theater to meet your needs. Supports 13.4 channel processing capability, Amplifier mode, and optional Dirac Live upgradability (with fee). 8K video is supported on all seven HDMI inputs and two of the three outputs. With HLG, HDR, Dolby Vision, HDR10+, and Dynamic HDR pass-through, there's no need to worry about video compatibility or picture quality.

Features

- 11.4 Channels
- 8K Ultra HD
- HEOS Built-in
- 140W per Channel
- 3D Audio
- Seven HDMI Inputs

Number of Power Amps	11
Power Output (8 ohm, 20 Hz - 20 kHz, 0.05% 2ch Drive)	140 W
Power Output (6 ohm, 1 kHz, 0.7% 2ch Drive)	175 W
Power Output (6 ohm, 1 kHz, 10% 1ch Drive)	250 W
System Remote Control	RC-1256
Pre-programmed / Learnable / LCD Display	Yes / No / No
Power Consumption in W	750
Power Consumption No-Sound (ECO On / Off) in W	65W / 110W
Power Supply	AC 120 V, 60 Hz
Speaker Impedance	4–16Ω/ohms
Input Sensitivity	200 mV
Frequency Response	10 Hz–100 kHz — +1, –3dB (Direct mode)

S/N Ratio	102dB (IHF-A weighted, Direct mode)
Tuning Frequency Range	87.5–107.9 MHz
What's in the Box	Main unit, remote control, batteries, AM/FM antennas, wire labels, quick start guide, Audyssey microphone, card board microphone stand, 2 External Detachable Antenna, AC cord
HDMI Inputs: Back, Front	7 / No
HDMI to HDMI Scaling	1080P/4K to 8K
Multi-Room Zones	3
Auto speaker setup by microphone	Audyssey MultEQ XT32 Dirac Live (upgrade)
Front Display	2 Line FLD
Graphic User Interface - GUI	Modern HD GUI