



Lexicon RV-6 & RV-9

IMMERSIVE SURROUND SOUND AV RECEIVERS

Lexicon RV-6

IMMERSIVE SURROUND SOUND AV RECEIVER

The RV-6 brings the private cinema sensory experience to new heights.

Featuring Dolby ATMOS & DTS:X 3D surround sound processing, Dirac room EQ, the Logic7 Immersion upmixer, and an abundance of Class A/B power, the RV-6 has everything you need—done right.

The RV-6 was designed to ensure that the most important components of a premium AV system operate with maximum effectiveness, delivering best-in-class audio and video signal integrity and processing, along with plenty of powerful Class A/B amplification on all channels—all of the time, even with the most demanding program material.

The video and audio stages are designed for exceptional performance. Anti-jitter filtering is applied to all digital inputs including HDMI, resulting in unsurpassed clarity and detail while 4K Ultra HD video and Dolby Vision compatibility ensure outstanding picture quality.



Lexicon RV-9

IMMERSIVE SURROUND SOUND AV RECEIVER

The Lexicon RV-9 produces an experience of unprecedented richness and clarity, with all of the same front-end features of the RV-6 delivered into seven channels of uncompromised Class G amplification.

Class G offers the best characteristics of both Class A and Class A/B. It is complex to design, but when engineered correctly, it is a superior solution. Class G offers greater efficiency and transparency. Like a hybrid car engine, Class G implements multiple power supplies rather than just one. The first power supply is of lower power and within this region, the RV-9 runs in pure Class A, which has no crossover distortion. If a dynamic signal is received that goes beyond the target threshold of this first power supply, the secondary supply is brought in as required. High-speed silicon allows this switch to happen well beyond the audio bandwidth. Multiple output devices and gold-plated binding posts ensure your listening experience is tight, punchy and crystal clear.



AUDIOPHILE QUALITY

The Lexicon RV-6 and RV-9 feature a 24-bit/192kHz Cirrus CS42528 for A/D and D/A conversion with 114dB dynamic range and -100dB THD+N in and out. In addition, the analog circuitry on all input and output stages are optimized for ultra-low distortion and unmatched audio clarity.



FLEXIBILITY

With 11.1 decoding, 7.2.4 preamp outputs, seven channels of amplification, independent zone 2 video and triggers, as well as RS232, Ethernet, and IR control, the RV-6 can be easily configured for a wide variety of systems.

LOGIC7 IMMERSION

Lexicon's Grammy-winning pedigree is evident in the proprietary Logic7 Immersion™ (L7i) upmixer. Building on decades of research and the same proprietary technologies that brought QuantumLogic™, Logic7® and NSP to the market, L7i broadens the sweet spot and sound stage while taking full advantage of overhead speakers. The result is a musical listening experience that will put you in "the best seat in the house." All of this is achieved dynamically and without the sense of psycho-acoustic processing or effects.



A MORE DRAMATIC TV EXPERIENCE

Dolby Vision is exceptional HDR. Featuring the same technology concepts as high-end movie theaters, Dolby Vision enables an enhanced image through superior content and more intelligent display performance. And as the preferred HDR for major studios and OTT service providers, Dolby Vision gives you access to more shows and movies in HDR.

HIGHLIGHTS

- Logic7 Immersion natural sound upmixer
- Dolby Atmos & DTS:X 7.1.4 decoding
- 7 HDMI inputs, 3 HDMI outputs, ARC compatible
- Spotify® Connect enabled
- Ethernet, RS232 and IR control
- 4K (UHD) HDMI 2.0a with HDCP 2.2
- Dolby Vision compatible
- Dirac Live® for Lexicon room correction
- Cirrus CS42528 audiophile DAC
- Lexicon AV control app

SPECIFICATIONS	LEXICON RV-6	LEXICON RV-9
Continuous power output per channel, 8Ω/4Ω		
2 channels driven	20Hz – 20kHz, <0.02% THD 110W	20Hz – 20kHz, <0.02% THD 120W/200W
2 channels driven	1kHz, 0.2% THD 125W	1kHz, 0.2% THD 130W/210W
7 channels driven	1kHz, 0.2% THD 90W	1kHz, 0.2% THD 100W/180W
Residual noise & hum (A-wtd)	<0.15mV	<0.15mV
Stereo line inputs		
Maximum input	4.5V rms	4.5V rms
Nominal sensitivity	1V, 2V, 4V (user adjustable)	1V, 2V, 4V (user adjustable)
Input impedance	47kΩ	47kΩ
Signal to noise ratio (A-wtd ref 100W)	Normal/stereo direct 100dB/110dB	Normal/stereo direct 100dB/120dB
Frequency response	20Hz – 20kHz +/- 0.1dB	20Hz – 20kHz +/- 0.2dB
Preamplifier outputs		
Nominal output level	1V rms	1V rms
Output impedance	560Ω	560Ω
THD+N (20Hz – 20kHz)	-100dB	-100dB
Headphone output		
Maximum output level into 32Ω	2V rms	2V rms
Output impedance	<5Ω	<5Ω
General		
Mains voltage	110 – 120V or 220 – 240V, 50 – 60Hz	110 – 120V or 220 – 240V, 50 – 60Hz
Power consumption (maximum)	1.5kW (Thermal dissipation approximately 5200 BTU/hour)	1.5kW (Thermal dissipation approximately 5200 BTU/hour)
Power consumption (idle, typical)	100W (Thermal dissipation approximately 340 BTU/hour)	100W (Thermal dissipation approximately 340 BTU/hour)
Power consumption (standby)	<0.5W	<0.5W
Dimensions		
W x D x H (including terminals and feet)	433 x 425 x 171mm (17.05 x 16.73 x 6.73")	433 x 425 x 171mm (17.05 x 16.73 x 6.73")
Net weight	15.5 kg (34.17 lb)	16.7 kg (36.82 lb)
Packed weight	18.8 kg (41.45 lb)	20.0 kg (44.09 lb)
Supplied accessories		
	Mains lead, remote control, 2x AAA batteries, manual, DAB/FM aerial, calibration microphone, USB sound card	Mains lead, remote control, 2x AAA batteries, manual, DAB/FM aerial, calibration microphone, USB sound card



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