

Yamaha AV Receiver

AV Receiver		RX-A6A	RX-A8A	RX-A4A
Amplifier Section	Channel	9.2	11.2	7.2
	Rated Output Power (1kHz, 1ch driven)	185 W (8 ohms, 0.9% THD)	185 W (8 ohms, 0.9% THD)	135 W (8 ohms, 0.9% THD)
	Rated Output Power (20Hz-20kHz, 2ch driven)	150 W (8 ohms, 0.06% THD)	150 W (8 ohms, 0.06% THD)	110 W (8 ohms, 0.06% THD)
	Maximum Effective Output Power (1kHz, 1ch driven)	220 W (8 ohms, 10% THD)	220 W (8 ohms, 10% THD)	165 W (8 ohms, 10% THD)
	High Slew Rate Amplifier	Yes	Yes	Yes
Surround Sound Processing	Surround:AI	Yes	Yes	Yes
	CINEMA DSP	Yes (HD3)	Yes (HD3)	Yes (HD3)
	DSP Programs	24	24	24
	Dialog Level Adjustment	Yes	Yes	Yes
	Virtual Presence Speaker	Yes	Yes	Yes
	Virtual Surround Back Speaker	Yes	Yes	Yes
	Dialogue Lift	Yes	Yes	Yes
	SILENT CINEMA / Virtual CINEMA DSP	Yes	Yes	Yes
	Dolby Atmos	Yes	Yes	Yes
	Dolby Atmos Height Virtualizer	Yes	Yes	Yes
	Dolby TrueHD	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes
	Dolby Surround	Yes	Yes	Yes
	DTS:X	Yes	Yes	Yes
	DTS-HD Master Audio	Yes	Yes	Yes
Auro 3D	Yes (via firmware update)	Yes (via firmware update)	N/A	

Audio Features	File Format	MP3 / WMA / MPEG-4 AAC, ALAC: up to 96 kHz / 24-bit, FLAC: up to 384 kHz / 24-bit, WAV / AIFF: up to 384 kHz / 32-bit, DSD: up to 11.2 MHz	MP3 / WMA / MPEG-4 AAC, ALAC: up to 96 kHz / 24-bit, FLAC: up to 384 kHz / 24-bit, WAV / AIFF: up to 384 kHz / 32-bit, DSD: up to 11.2 MHz	MP3 / WMA / MPEG-4 AAC, ALAC: up to 96 kHz / 24-bit, FLAC: up to 384 kHz / 24-bit, WAV / AIFF: up to 384 kHz / 32-bit, DSD: up to 11.2 MHz
	Pure Direct	Yes	Yes	Yes
	Compressed Music Enhancer	Yes	Yes	Yes
	High-resolution Music Enhancer	Yes	Yes	Yes
	YPAO multi-point measurement	Yes with R.S.C. (Reflected Sound Control) , 3D, 64-bit High Precision EQ Calculation and Angle Measurement	Yes with R.S.C. (Reflected Sound Control) , 3D, 64-bit High Precision EQ Calculation and Angle Measurement	Yes with R.S.C. (Reflected Sound Control) , 3D, 64-bit High Precision EQ Calculation and Angle Measurement
	YPAO Volume	Yes	Yes	Yes
	Adaptive DRC (Dynamic Range Control)	Yes	Yes	Yes
	Initial Volume & Maximum Volume Setting	Yes	Yes	Yes
	A.R.T. Wedge	Yes	Yes	Yes
	Bi-amp capability	Yes	Yes	Yes
	Audio Delay	Yes (0-500 ms)	Yes (0-500 ms)	Yes (0-500 ms)
DA Converter	384 kHz / 32-bit ESS Hyperstream DAC ES9026PRO x1 ES9007S x1	384 kHz / 32-bit ESS Hyperstream DAC ES9026PRO x2	384 kHz / 32-bit ESS Hyperstream DAC ES9007S	
Video Features	HDMI eARC	Yes	Yes	Yes
	HDMI Audio Return Channel	Yes	Yes	Yes
	HDMI Pass-through	8K60AB, 4K120AB, 40GBPS (via future update)	8K60AB, 4K120AB, 40GBPS (via future update)	8K60AB, 4K120AB, 40GBPS (via future update)
	HDMI Up-scaling	Yes, up to 8K (via firmware update)	Yes, up to 8K (via firmware update)	Yes, up to 8K (via firmware update)
	HDMI Up-conversion	Yes (Analog to HDMI)	Yes (Analog to HDMI)	N/A

	Dolby Vision	Yes	Yes	Yes
	HDR 10+	Yes (via firmware update)	Yes (via firmware update)	Yes (via firmware update)
	VRR/ALLM/QMS/QFT	Yes (via firmware update)	Yes (via firmware update)	Yes (via firmware update)
	Video adjustment	Yes	Yes	N/A
Connectivity	MusicCast Surround	Yes	Yes	Yes
	HDMI Input/Output	7 / 3 (HDMI2.1 / HDCP2.3)	7 / 3 (HDMI2.1 / HDCP2.3)	7 / 3 (HDMI2.1 / HDCP2.3)
	HDMI CEC	Yes	Yes	Yes
	USB Input	Yes	Yes	Yes
	Network Port	Yes	Yes	Yes
	Wi-Fi	Yes (2.4 / 5 GHz)	Yes (2.4 / 5 GHz)	Yes (2.4 / 5 GHz)
	AirPlay 2	Yes	Yes	Yes
	Bluetooth	Yes (SBC / AAC)	Yes (SBC / AAC)	Yes (SBC / AAC)
	Front AV Input	USB	USB	USB
	Digital Audio Input/Output: Optical	3 / 0	3 / 0	2 / 0
	Digital Audio Input/Output: Coaxial	2 / 0	2 / 0	1 / 0
	Analog Audio Input/Output	6 / 0	6 / 0	4 / 0
	Phono Input	Yes	Yes	Yes
	XLR Terminal	Yes	Yes	N/A
	Component Video Input/Output	1 / 0	1 / 0	N/A
	Composite Video Input/Output	2 / 0	2 / 0	N/A
	Preout	11.2-ch	11.2-ch	7.2-ch
	Headphone Output	1	1	1
Tuner Section	FM/AM Tuner	Yes (Availability varies by region.)	Yes (Availability varies by region.)	Yes (Availability varies by region.)
	DAB Tuner	Yes (Availability varies by region.)	Yes (Availability varies by region.)	Yes (Availability varies by region.)
User Interface	On-screen display	Graphical User Interface	Graphical User Interface	Graphical User Interface

	SCENE	SCENE PLUS (8 sets)	SCENE PLUS (8 sets)	SCENE PLUS (8 sets)
	App Control	Yes (iPhone / iPad / Android phone / tablet)	Yes (iPhone / iPad / Android phone / tablet)	Yes (iPhone / iPad / Android phone / tablet)
	Web Browser Control	Yes	Yes	Yes
	Remote Control Unit	Yes	Yes	Yes
Zone Control	Zone 2 Audio Output	Preout / HDMI	Preout / HDMI	Preout / HDMI
	Zone 3 Audio Output	Preout	Preout	N/A
	Zone 4 Audio Output	HDMI	HDMI	N/A
	Powered Zone	Zone 2 / 3	Zone 2 / 3	Zone 2
	Zone Video Output	HDMI	HDMI	HDMI
	Zone B Output	HDMI	HDMI	N/A
	Zone GUI	Yes	Yes	N/A
	RS-232C Interface	N/A	N/A	N/A
	+12V Trigger Output	2	2	2
	Remote (IR) Input/Output	1 / 1	1 / 1	1 / 1
	Party Mode	Yes	Yes	Yes
General	Standby Power Consumption (IR only)	<0.4 W	<0.4 W	<0.4 W
	Auto Power Standby	Yes	Yes	Yes
	ECO mode	Yes	Yes	Yes
	Dimensions (W x H x D)	435 W x 192 H x 442 D mm (with antenna up:435W x 271H x 442D mm); 17-1/8"W x 7-1/2"H x 17-3/8"D (with antenna up:17-1/8"W x 10-5/8"H x 17-3/8"D)	435 W x 192 H x 477 D mm (with antenna up:435 W x 271 H x 477 D mm);17-1/8"W x 7-1/2"H x 18-3/4"D (with antenna up:17-1/8"W x 10-5/8"H x 18-3/4"D)	435 W x 191 H x 442 D mm (with antenna up:435 W x 270 H x 442 D mm);17-1/8"W x 7-1/2"H x 17-3/8"D (with antenna up:17-1/8"W x 10-5/8"H x 17-3/8"D)
	Weight	20.3 kg; 44.8 lbs. (Varies by region)	21.4 kg; 47.2 lbs.	16.2 kg; 35.7 lbs.