

Specs

AV Receiver

Amplifier Section	Channel	7.2
	Rated Output Power (1kHz, 1ch driven)	150W (4ohms, 0.9% THD [European Model])
	Rated Output Power (20Hz-20kHz, 2ch driven)	90 W (8ohms, 0.09% THD)
	Maximum Effective Output Power (1kHz, 1ch driven) (JEITA)	150W (8ohms, 10% THD)
	Dynamic Power per Channel (8/6/4/2 ohms)	125 / 165 / 190 / 235 W
Surround Sound Processing	CINEMA DSP	Yes (3D)
	DSP Programs	17
	Dialog Level Adjustment	Yes
	Virtual Presence Speaker	Yes
	Dialogue Lift	Yes (no presence speakers required)
	SILENT CINEMA / Virtual CINEMA DSP	Yes (Virtual CINEMA FRONT)
	Dolby TrueHD	Yes
	Dolby Digital Plus	Yes
	Dolby Pro Logic IIx	Yes
	DTS-HD Master Audio	Yes
Audio Features	Pure Direct	Yes (with video on mode)
	Compressed Music Enhancer	Yes
	YPAO sound optimization	Yes (R.S.C)
	YPAO Volume	Yes
	Adaptive DRC (Dynamic Range Control)	Yes
	Initial Volume & Maximum Volume Setting	Yes
	A.R.T. Wedge	Yes
	Bi-amp capability	Yes
	Audio Delay	Yes (0-500 ms)
	192kHz/24-bit DACs for all channels	Yes (Burr-Brown)
Video Features	4K Ultra HD Pass-through and upscaling	Yes (latest HDMI version for 4K 50/60p)
	HDMI 3D passthrough	Yes
	HDMI Audio Return Channel	Yes
	HDMI upscaling	Yes (Analogue to HDMI / HDMI to HDMI)
	Deep Color/x.v.Color/24Hz Refresh Rate /Auto Lip-Sync	Yes

Connectivity	HDMI Input/Output	6 (front 1) / 1
	HDMI CEC	Yes (SCENE, Device Control)
	MHL Support	Yes
	USB Input	iPod / iPhone / iPad, USB Memory, Portable Audio Player
	Network Port	Yes
	Wi-Fi	Yes (with Wireless Direct)
	AirPlay	Yes
	Front AV Input	HDMI (MHL support) / USB / Composite
	DC Out	Yes
	Digital Audio Input/Output: Optical	2 / 0
	Digital Audio Input/Output: Coaxial	2 / 0
	Analog Audio Input/Output	4 / 1
	Component Video Input/Output	2 / 1
	Composite Video Input/Output	5 (front 1) / 2
	Preout	SW (2 x mono)
Headphone Output	1	
Tuner Section	FM/AM Tuner	Yes
User Interface	On-screen display	Graphical User Interface
	SCENE	SCENE (4 sets)
	App Control	Yes (iPhone / iPad / Android phone / tablet)
	Web Browser Control	Yes
	Remote Control Unit	Yes
Zone Control	Zone 2 Audio Output	Line output
	Powered Zone	Zone 2
	+12V Trigger Output	1
	Remote (IR) Input/Output	1 / 1
General	Standby Power Consumption (IR only)	≤0.1W
	Auto Power Standby	Yes
	ECO mode	Yes
	Dimensions (W x H x D)	435 x 171 x 367 mm (with antenna: 435 x 234 x 380 mm); 17-1/8" x 6-3/4" x 14-1/2" (with antenna: 17-1/8" x 9-1/4" x 15")
	Weight	10.5 kg; 23.2 lbs.