

AV Receiver		
Amplifier Section	Channel	7.2
	Rated Output Power (1kHz, 1ch driven)	115 W (8 ohms, 0.9% THD)
	Rated Output Power (20Hz-20kHz, 2ch driven)	80 W (8 ohms, 0.09% THD)
	Maximum Effective Output Power (1kHz, 1ch driven) (JEITA)	145 W (6 ohms, 10% THD)
	Dynamic Power / Ch (Front L/R, 8/6/4/2 ohms)	120 / 140 / 170 / 190 W
Surround Sound Processing	Cinema DSP	Yes (3D)
	DSP Programs	17
	Dialog Level Adjustment	Yes
	Virtual Presence Speaker	Yes
	Virtual Surround Back Speaker	Yes
	Dialogue Lift	Yes
	SILENT Cinema / Virtual Cinema DSP	Yes (Virtual CINEMA FRONT)
	Dolby Atmos	Yes
	Dolby TrueHD	Yes
	Dolby Digital Plus	Yes
	Dolby Surround	Yes
	DTS:X	Yes
	DTS-HD Master Audio	Yes

Audio Features	File Format	MP3 / WMA / MPEG-4 AAC: up to 48 kHz / 16-bit, ALAC: up to 96 kHz / 24-bit, FLAC: up to 192 kHz / 24-bit, WAV / AIFF: up to 192 kHz / 32-bit, DSD: up to 11.2 MHz
	Compressed Music Enhancer	Yes (Includes enhancer for <i>Bluetooth®</i>)
	YPAO Sound Optimization	Yes
	Adaptive DRC (Dynamic Range Control)	Yes
	Initial Volume and Maximum Volume Setting	Yes
	Bi-amp Capability	Yes
	Audio Delay	Yes (0-500 ms)
	DA Converter	Burr-Brown 384 kHz / 32-bit DAC x 4
Video Features	4K Ultra HD Pass-through and Upscaling	Yes (4K / 60p, 4:4:4)
	HDMI 3D Pass-through	Yes
	HDMI eARC	Yes (via future firmware update)
	HDMI Audio Return Channel	Yes
	HDMI Upscaling	Yes (1080p HDMI → 4K HDMI)
	Deep Color / x.v.Color / 24Hz Refresh Rate / Auto Lip-Sync	Yes

Connectivity	MusicCast Surround	Yes
	Wi-Fi	Yes (2.4 / 5 GHz)
	AirPlay	Yes
	Bluetooth	Yes (SBC / AAC)
Extensive Connection	HDMI Input/Output	4 / 1 (HDCP 2.2, HDR10 / Dolby Vision™ / HLG and BT.2020 compatible)
	HDMI CEC	Yes
	USB Input	USB memory
	Network Port	Yes
	Front AV Input	USB / mini jack
	Digital Audio Input / Output: Optical	1 / 0
	Digital Audio Input / Output: Coaxial	2 / 0
	Analog Audio Input / Output	4 (front 1) / 0
	Composite Video Input / Output	3 / 1
	Preout	Subwoofer (2 x mono)
	Headphone Output	1
Tuner Section	FM / AM Tuner	Yes
User Interface	On-Screen Display	Yes (color OSD)
	SCENE	SCENE (4 sets)
	App Control	Yes (iPhone / iPad / Android phone / tablet)
	Remote Control Unit	Yes

Zone Control	Zone B Output	Yes
General	Standby Power Consumption (IR only)	≤ 0.1 W
	Auto Power Standby	Yes
	ECO Mode	Yes
	Dimensions (W x H x D)	17-1/8" x 6-3/8" x 12-7/8" (with antenna: 17-1/8" x 8-7/8" x 12-7/8")
	Weight	17.9 lbs.