

<b>Yamaha Receiver Comparison Chart</b>					
Product Name	<b>RX-V377</b>	<b>RX-V477</b>	<b>RX-V577</b>	<b>RX-V677</b>	<b>RX-V777BT</b>
MSRP	\$299.95	\$449.95	\$549.95	\$649.95	\$849.95
Description	Discrete amplifier circuit design, along with new Virtual CINEMA FRONT and Extra Bass, enhance the capabilities and performance of this 5.1-channel AV receiver, providing a great sounding home theater experience.	This versatile 5.1-channel network AV receiver is ready for AirPlay®, music streaming, AV Controller App and HTC Connect™. It offers high sound quality, plus 4K Ultra HD pass-through and new Extra Bass function for powerful sound.	7.2-channel Wi-Fi built-in network AV receiver supporting advanced features like AirPlay®, music streaming services, HTC Connect™, AV Controller App and Wireless Direct. The new Extra Bass function contributes to powerful sound, even with smaller speakers and speaker Zone B output expands the receiver's versatility.	7.2-channel Wi-Fi built-in high performance network AV receiver. Supports the latest HDMI® version, 4K Ultra HD upscaling, AirPlay® and HTC Connect™. YPAO™ R.S.C. and YPAO™ Volume ensure optimum system sound quality and balance. Multi-zone operation allows system expansion.	Superior audio quality 7.2-channel Wi-Fi built-in network AV receiver supports the latest HDMI® version and offers 4K Ultra HD upscaling, HDMI Zone B for flexible system set up, high-grade aluminum front panel and the world's most advanced features, including CINEMA DSP 3D and YPAO™ Volume. Yamaha Bluetooth® adapter included.

<b>Amplifier Section</b>					
Channel	5.1	5.1	7.2	7.2	7.2
Rated Output Power (1kHz, 1ch driven)	100 W (8 ohms, 0.9% THD)	115 W (8 ohms, 0.9% THD)	115 W (8 ohms, 0.9% THD)	-	-
Rated Output Power (1kHz, 2ch driven)	85 W (8 ohms, 0.9% THD)	95 W (8 ohms, 0.9% THD)	95 W (8 ohms, 0.9% THD)	105 W (8 ohms, 0.9% THD)	110 W (8 ohms, 0.9% THD)
Rated Output Power (20Hz-20kHz, 2ch driven)	70 W (8 ohms, 0.09% THD)	80 W (8 ohms, 0.09% THD)	80 W (8 ohms, 0.09% THD)	90 W (8 ohms, 0.09% THD)	95 W (8 ohms, 0.09% THD)
Dynamic Power per Channel (8/6/4/2 ohms)	110 / 130 / 160 / 180 W	110 / 130 / 160 / 180 W	120 / 140 / 170 / 190 W	125 / 165 / 190 / 235 W	130 / 170 / 195 / 240 W

<b>Surround Sound Processing</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
CINEMA DSP	Yes	Yes (3D)	Yes (3D)	Yes (3D)	Yes (3D)
DSP Programs	17	17	17	17	17
Virtual Presence Speaker	-	Yes	Yes	Yes	Yes
SILENT CINEMA	Yes	Yes	Yes	Yes	Yes
Virtual CINEMA FRONT	Yes	Yes	Yes	Yes	Yes
Extra Bass	Yes	Yes	Yes	Yes	Yes
Dolby TrueHD	Yes	Yes	Yes	Yes	Yes
Dialog Level Adjustment	-	-	-	Yes	Yes
Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
Dialogue Lift	-	-	-	Yes (no presence speakers required)	Yes (no presence speakers required)
DTS-HD Master Audio	Yes	Yes	Yes	Yes	Yes
Dolby Pro Logic IIx	-	-	Yes	Yes	Yes

<b>Audio Features</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
Compressed Music Enhancer	Yes	Yes	Yes	Yes	Yes
YPAO sound optimization	Yes	Yes	Yes	Yes (R.S.C.)	Yes (R.S.C.)
Adaptive DRC (Dynamic Range Control)	Yes	Yes	Yes	Yes	Yes
Initial Volume & Maximum Volume Setting	Yes	Yes	Yes	Yes	Yes
Audio Delay	Yes (0-500 ms)	Yes (0-500 ms)	Yes (0-500 ms)	Yes (0-500 ms)	Yes (0-500 ms)
192kHz/24-bit DACs for all channels	Yes (Burr-Brown)	Yes (Burr-Brown)	Yes (Burr-Brown)	Yes (Burr-Brown)	Yes (Burr-Brown)
Pure Direct	-	-	-	Yes (with video on mode)	Yes (with video on mode)
Bi-amp capability	-	-	Yes	Yes	Yes
YPAO multi-point measurement	-	-	-	-	Yes

YPAO Volume	-	-	-	Yes	Yes
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<b>Video Features</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
4K Ultra HD pass-through	Yes	Yes	Yes	Yes	Yes
HDMI 3D pass-through	Yes	Yes	Yes	Yes	Yes
HDMI Audio Return Channel	Yes	Yes	Yes	Yes	Yes
Deep Color/x.v.Color/24Hz Refresh Rate /Auto Lip-Sync	Yes	Yes	Yes	Yes	Yes
4K Ultra HD Pass-through and upscaling	-	-	-	Yes (latest HDMI version for 4K Ultra HD 50 / 60p)	Yes (latest HDMI version for 4K Ultra HD 50 / 60p)
HDMI upscaling	-	-	-	Yes (analog to HDMI / HDMI to HDMI)	Yes (analog to HDMI / HDMI to HDMI)

<b>Extensive Connection</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
HDMI Input/Output	4 / 1	6 / 1	6 / 1	6 (1 front) / 1	6 (1 front) / 2 (simultaneous)
HDMI CEC	Yes	Yes	Yes	Yes (SCENE, device control)	Yes (SCENE, device control)
USB Input	iPod® / iPhone®, USB memory, portable audio player	iPod® / iPhone®, USB memory, portable audio player	iPod® / iPhone®, USB memory, portable audio player	iPod® / iPhone® / iPad®, USB memory, portable audio player	iPod® / iPhone® / iPad®, USB memory, portable audio player
Front AV Input	USB / Mini-jack	USB / Mini-jack	USB / Mini-jack	HDMI (MHL support) / USB / Composite	HDMI (MHL support) / USB / Composite
Digital Audio Input/Output: Optical	1 / 0	1 / 0	1 / 0	2 / 0	2 / 0
Network Port	-	Yes	Yes	Yes	Yes
Digital Audio Input/Output: Coaxial	2 / 0	2 / 0	2 / 0	2 / 0	2 / 0

Analog Audio Input/Output	4 (1 front) / 1	4 (1 front) / 1	4 (1 front) / 1	5 / 1	5 / 1
Component Video Input/Output	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Composite Video Input/Output	3 / 1	4 / 1	4 / 2	5 (1 front) / 2	5 (1 front) / 2
Preout	Subwoofer	Subwoofer	Subwoofer	Subwoofer (2 x mono)	7.2-ch
Headphone Output	1	1	1	1	1

<b>Connectivity</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
DC Out	Yes	Yes	Yes	Yes	Yes
AirPlay	-	Yes	Yes	Yes	Yes
Wi-Fi	-	-	Yes (with Wireless Direct)	Yes (with Wireless Direct)	Yes (with Wireless Direct)
MHL Support	-	-	-	Yes	Yes
Wireless Music Streaming	-	-	-	-	Yes (YBA-11 Bluetooth® Adaptor)
Tuner Section					
FM/AM Tuner	Yes	Yes	Yes	Yes	Yes

<b>User Interface</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
On-screen display	Yes (color OSD)	Yes (color OSD)	Yes (color OSD)	Graphical user interface	Graphical user interface
SCENE	SCENE (4 sets)	SCENE (4 sets)	SCENE (4 sets)	SCENE (4 sets)	SCENE (4 sets)
Remote Control Unit	Yes	Yes	Yes	Yes	Yes
App Control	-	Yes (iPhone / iPad / Android™ phone / tablet)	Yes (iPhone / iPad® / Android™ phone / tablet)	Yes (iPhone / iPad / Android™ phone / tablet)	Yes (iPhone / iPad / Android™ phone / tablet)
Web Browser Control	-	-	-	Yes	Yes

<b>General</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
Standby Power Consumption (IR only)	≤0.3 W	≤0.1 W	≤0.1 W	≤0.15 W	≤0.15 W
Auto Power Standby	Yes	Yes	Yes	Yes	Yes
ECO mode	Yes	Yes	Yes	Yes	Yes
Dimensions (W x H x D)	17-1/8" x 6" x 12-3/8"	17-1/8" x 6-3/8" x 12-3/8"	17-1/8" x 6-3/8" x 12-3/8" (with antenna: 17-1/8" x 8-3/4" x 12-7/8")	17-1/8" x 6-3/4" x 14-3/8" (with antenna: 17-1/8" x 9-1/4" x 14-7/8")	17-1/8" x 6-3/4" x 14-3/8" (with antenna: 17-1/8" x 9-1/4" x 14-7/8")
Weight	16.3 lbs.	17.6 lbs.	17.9 lbs.	22.1 lbs.	23.2 lbs.

<b>Zone Control</b>					
Product Name	RX-V377	RX-V477	RX-V577	RX-V677	RX-V777BT
Zone 2 Audio Output	-	-	-	Line output	Line output
Powered Zone	-	-	-	Zone 2	Zone 2
+12V Trigger Output	-	-	-	1	1
Remote (IR) Input/Output	-	-	-	1 / 1	1 / 1
Party Mode	-	-	-	-	Yes