

YAMAHA AVENTAGE 2017-2018 aasta mudelite võrdlustabel

		RX-A3070	RX-A2070	RX-A1070	RX-A870	RX-A670
Amplifier Section	Channel	9.2	9.2	7.2	7.2	7.2
	Rated Output Power (1kHz, 1ch driven)	230 W (4 ohms, 0.9% THD)	220 W (4 ohms, 0.9% THD)	170 W (4 ohms, 0.9% THD)	160 W (4 ohms, 0.9% THD)	115 W (6 ohms, 0.9% THD)
	Rated Output Power (20Hz-20kHz, 2ch driven)	150 W (8 ohms, 0.06% THD)	140 W (8 ohms, 0.06% THD)	110 W (8 ohms, 0.06% THD)	100 W (8 ohms, 0.06% THD)	80 W (6 ohms, 0.09% THD)
	Maximum Effective Output Power (1kHz, 1ch driven) (JEITA)	230 W (8 ohms, 10% THD)	220 W (8 ohms, 10% THD)	165 W (8 ohms, 10% THD)	160 W (8 ohms, 10% THD)	145 W (6 ohms, 10% THD)
	Dynamic Power per Channel (8/6/4/2 ohms)	175 / 220 / 295 / 410 W	165 / 210 / 285 / 405 W	135 / 165 / 210 / 280 W	130 / 170 / 195 / 240 W	- / 140 / 170 / 190 W
Surround Sound Processing	CINEMA DSP	Yes (HD3)	Yes (HD3)	Yes (HD3)	Yes (3D)	Yes (3D)
	DSP Programs	24	24	24	17	17
	Dialog Level Adjustment	Yes	Yes	Yes	Yes	Yes
	Virtual Presence Speaker	Yes	Yes	Yes	Yes	Yes
	Virtual Surround Back Speaker	Yes	Yes	Yes	Yes	Yes
	Dialogue Lift	Yes (no presence speakers required)	Yes (no presence speakers required)	Yes (no presence speakers required)	Yes (no presence speakers required)	Yes
	SILENT CINEMA / Virtual CINEMA DSP	Yes (Virtual CINEMA FRONT)	Yes (Virtual CINEMA FRONT)	Yes (Virtual CINEMA FRONT)	Yes (Virtual CINEMA FRONT)	Yes (Virtual CINEMA FRONT)
	Dolby Atmos	Yes	Yes	Yes	Yes	Yes
	Dolby TrueHD	Yes	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
	Dolby Surround	Yes	Yes	Yes	Yes	Yes
	DTS:X	Yes	Yes	Yes	Yes	Yes
DTS-HD Master Audio	Yes	Yes	Yes	Yes	Yes	
Audio Features	Pure Direct	Yes (with video on mode)	Yes (with video on mode)	Yes (with video on mode)	Yes (with video on mode)	-
	Compressed Music Enhancer	Yes	Yes	Yes	Yes (incl. enhancer for Bluetooth®)	Yes (incl. enhancer for Bluetooth®)
	High-resolution Music Enhancer	Yes	Yes	Yes	-	-
	YPAO multi-point measurement	Yes with R.S.C. (Reflected Sound Control) , 3D, 64-bit Precision EQ Calculation and Angle Measurement	Yes with R.S.C. (Reflected Sound Control), 3D, 64-bit Precision EQ Calculation and Angle Measurement	Yes with R.S.C. (Reflected Sound Control) and 64-bit Precision EQ Calculation	Yes (R.S.C)	-

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	YPAO Volume	Yes	Yes	Yes	Yes	-
	Adaptive DRC (Dynamic Range Control)	Yes	Yes	Yes	Yes	Yes
	Initial Volume & Maximum Volume Setting	Yes	Yes	Yes	Yes	Yes
	A.R.T. Wedge	Yes	Yes	Yes	Yes	Yes
	Bi-amp capability	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	ESS SABRE PRO Premier DAC™ ES9026PRO (for main 7 channels)	Yes (ESS)	Yes (ESS)	Yes (Burr-Brown)	Yes (Burr-Brown)
	YPAO sound optimization	-	-	-	-	Yes
Video Features	4K Ultra HD Pass-through and upscaling	Yes (4K / 60p, 4:4:4)	Yes (4K / 60p, 4:4:4)	Yes (4K / 60p, 4:4:4)	Yes (4K / 60p, 4:4:4)	Yes (4K / 60p, 4:4:4)
	HDMI 3D passthrough	Yes	Yes	Yes	Yes	Yes
	HDMI Audio Return Channel	Yes	Yes	Yes	Yes	Yes
	HDMI upscaling	Yes (Analogue to HDMI® / HDMI to HDMI)	Yes (Analogue to HDMI® / HDMI to HDMI)	Yes (Analogue to HDMI® / HDMI to HDMI)	Yes (Analogue to HDMI® / HDMI to HDMI)	Yes (HDMI® to HDMI)
	Video adjustment	Yes	Yes	-	-	-
	Deep Color/x.v.Color/24Hz Refresh Rate /Auto Lip-Sync	Yes	Yes	Yes	Yes	Yes
Connectivity	HDMI Input/Output	8 / 2 (HDCP2.2, HDR10 / Dolby Vision / HLG and BT.2020 compatible)	8 / 2 (HDCP2.2, HDR10 / Dolby Vision / HLG and BT.2020 compatible)	8 / 2 (HDCP2.2, HDR10 / Dolby Vision / HLG and BT.2020 compatible)	8 / 2 (HDCP2.2, HDR10 / Dolby Vision / HLG and BT.2020 compatible)	4 / 1 (HDCP2.2, HDR10 / Dolby Vision / HLG and BT.2020 compatible)
	HDMI CEC	Yes (SCENE, Device Control)	Yes (SCENE, Device Control)	Yes (SCENE, Device Control)	Yes (SCENE, Device Control)	Yes
	USB Input	USB Memory, Portable Audio Player	USB Memory, Portable Audio Player	USB Memory, Portable Audio Player	USB Memory, Portable Audio Player	USB Memory, Portable Audio Player
	Network Port	Yes	Yes	Yes	Yes	Yes
	Wi-Fi	Yes (with Wireless Direct)	Yes (with Wireless Direct)	Yes (with Wireless Direct)	Yes (with Wireless Direct)	Yes (with Wireless Direct)
	AirPlay	Yes	Yes	Yes	Yes	Yes
	Bluetooth	Yes (SBC / AAC)	Yes (SBC / AAC)	Yes (SBC / AAC)	Yes (SBC / AAC)	Yes (SBC / AAC)
	Front AV Input	HDMI / USB / Analogue Audio	HDMI / USB / Analogue Audio	HDMI / USB / Analogue Audio	HDMI / USB / Mini Jack	USB / Mini Jack
	Digital Audio	3 / 0	3 / 0	3 / 0	2 / 0	1 / 0

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	Input/Output: Optical					
	Digital Audio Input/Output: Coaxial	3 / 0	3 / 0	3 / 0	2 / 0	2 / 0
	Analog Audio Input/Output	10 (front 1) / 0	9 (front 1) / 0	9 (front 1) / 0	5 (front 1) / 0	4 (front 1) / 0
	Phono Input	Yes	Yes	Yes	Yes	-
	XLR Terminal	Yes	-	-	-	-
	Component Video Input/Output	2 / 0	2 / 0	2 / 0	1 / 0	-
	Composite Video Input/Output	4 / 0	4 / 0	4 / 0	1 / 0	3 / 1
	Preout	11.2-ch	7.2-ch	7.2-ch	7.2-ch	Subwoofer (2 x mono)
	Headphone Output	1	1	1	1	1
Tuner Section	FM/AM Tuner	Yes (FM only)	Yes (FM only)	Yes (FM only)	Yes (FM only)	Yes (FM only)
	DAB Tuner	Yes	Yes	Yes	Yes	Yes
User Interface	On-screen display	Graphical User Interface	Graphical User Interface	Graphical User Interface	Graphical User Interface	Yes (colour OSD)
	SCENE	SCENE PLUS (12 sets)	SCENE PLUS (12 sets)	SCENE PLUS (12 sets)	SCENE (4 sets)	SCENE (4 sets)
	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)	Yes (iPhone / iPad / Android phone / tablet)
	Web Browser Control	Yes	Yes	Yes	Yes	-
	Remote Control Unit	Yes (Preset)	Yes (Preset)	Yes (Preset)	Yes	Yes
Zone Control	Zone 2 Audio Output	Preout / HDMI	Preout / HDMI	Preout / HDMI	Line output	-
	Zone 3 Audio Output	Preout	Preout	-	-	-
	Zone 4 Audio Output	HDMI	HDMI	-	-	-
	Powered Zone	Zone 2 / 3	Zone 2 / 3	Zone 2	Zone 2	-
	Zone Video Output	HDMI / Component / Composite	HDMI / Component / Composite	HDMI / Component / Composite	-	-
	Zone HDMI	Yes (Advanced HDMI Zone Switching)	Yes (Advanced HDMI Zone Switching)	Yes (HDMI Zone Switching)	-	-
	Zone B Output	HDMI	HDMI	HDMI	Yes (HDMI)	Yes
	Zone GUI	Yes	Yes	-	-	-
	RS-232C Interface	Yes	Yes	Yes	Yes	-
	+12V Trigger Output	2	2	2	1	-
	Remote (IR) Input/Output	1 / 1	1 / 1	1 / 1	1 / 1	-
Party Mode	Yes	Yes	Yes	Yes	-	
General	Standby Power Consumption (IR only)	≤0.1W	≤0.1W	≤0.1W	≤0.1W	≤0.1W

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Auto Power Standby	Yes	Yes	Yes	Yes	Yes
ECO mode	Yes	Yes	Yes	Yes	Yes
Dimensions (W x H x D)	435 x 192 x 474 mm (with antenna up: 435 x 247 x 474 mm); 17-1/8" x 7-1/2" x 18-5/8" (with antenna up: 17-1/8" x 9-3/4" x 18-5/8")	435 x 192 x 474 mm (with antenna up: 435 x 247 x 474 mm); 17-1/8" x 7-1/2" x 18-5/8" (with antenna up: 17-1/8" x 9-3/4" x 18-5/8")	435 x 182 x 439 mm (with antenna up: 435 x 247 x 439 mm); 17-1/8" x 7-1/8" x 17-1/4" (with antenna up: 17-1/8" x 9-3/4" x 17-1/4")	435 x 171 x 382 mm (with antenna: 435 x 234 x 382 mm); 17-1/8" x 6-3/4" x 15" (with antenna: 17-1/8" x 9-1/4" x 15")	435 x 161 x 330 mm (with antenna: 435 x 225.5 x 330 mm); 17-1/8" x 6-3/8" x 13" (with antenna: 17-1/8" x 8-7/8" x 13")
Weight	19.6 kg; 43.2 lbs.	17 kg; 37.5 lbs.	14.9 kg; 32.8 lbs.	10.5 kg; 23.4 lbs.	8.3 kg; 18.3 lbs.



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