HD Retrovision - Video Processor Compatibility List
2018-03-03

Manufacturer	Model	Processor Type	Console	240p Compatibility Test	240p Processing Test	Note/Comments
AVerMedia	ET113	HDMI Converter	SNES & Genesis	FAIL	-	
HDCVT	HDV-336A	HDMI Upscaler	SNES & Genesis	FAIL	-	
Key Digital	KD-VP6	YPbPr Line Doubler	Genesis/Nomad	PASS	FAIL*	User selectable output between 480i & 480p. 480i output is passthrough. 480p output does not display processing artifacts, but creates a constant vertical jumpiness in the output image. 480p output also has improper black levels. Also has a ground loop issue (rolling horizontal bars).
Key Digital	KD-VP8	YPbPr Line Doubler	Genesis/Nomad	PASS	FAIL*	User selectable output between 480i & 480p. Colors look "washed out" in both modes. 480i output is passthrough. 480p output does not display processing artifacts, but creates a constant vertical jumpiness in the output image. 480p output also has improper black levels. Also has a ground loop issue (rolling horizontal bars). HDMI output only supports 480i.
Lenkeng	LKV353	HDMI Upscaler	SNES & Genesis	FAIL	-	
Lenkeng	LKV356	HDMI Upscaler	SNES & Genesis	FAIL	-	
Lenkeng / Monoprice	LKV7600	VGA Converter	SNES, Genesis, & N64	PASS	FAIL	Can be used in conjunction with several affordable VGA->HDMI converters.
Micomsoft	XRGB-mini (DP-3913547)	HDMI Upscaler	SNES, Genesis, & N64	PASS	PASS	
Open Source Scan Converter	OSSC v1.6	HDMI Upscaler	SNES, Genesis, & N64	PASS	PASS	
Pin Wei	PW-CASY2HV	HDMI Upscaler	SNES & Genesis	FAIL	-	
Protech / Portta	PETHRT	HDMI Converter	SNES & Genesis	FAIL	-	
Protech / Portta	PETRH	HDMI Converter	SNES & Genesis	FAIL	-	Older revisions from 2014 support 240p over HDMI, but very difficult to find.
Protech / Portta	PETRHP / N3CVRHP	HDMI Converter	SNES & Genesis	FAIL	-	
Protech / Portta	PETRHS / N3CVRHS	HDMI Upscaler	SNES & Genesis	PASS	FAIL*	Very sensitive to sync jitter. Has noticeable lag.
Protech / Portta	PETVRH	HDMI Converter	SNES & Genesis	FAIL	-	
Protech / Portta	SPETRH	HDMI Converter	SNES & Genesis	FAIL	-	
Silicon Image (DVDO)	iScan HD+ (MM602)	DVI Upscaler	Genesis/Nomad	PASS	PASS	
Silicon Image (DVDO)	iScan Pro (MM503A)	YPbPr Line Doubler	SNES & Genesis	PASS	PASS*	Edges are a little jagged when processing 240p content.
ViewHD	VHD-CV2Hs	HDMI Upscaler	SNES & Genesis	FAIL	-	
Yunzuo	HY-202-B2	HDMI Converter	SNES & Genesis	FAIL	-	
Zenhon	T-605	HDMI Converter	SNES & Genesis	FAIL	-	
Zenhon	T-612	HDMI Upscaler	SNES & Genesis	FAIL	-	
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Denon	AVR 1913	A/V Receiver	Genesis	PASS	???*	
Denon	AVR-2113ci	A/V Receiver	SNES & Genesis	PASS	???*	
Denon	AVR-X3300W	A/V Receiver	SNES	PASS	FAIL	High-frame-rate flashing results in a combed effect.
Denon	AVR-X4300H	A/V Receiver	Genesis	PASS	FAIL	Chaos emeralds are striped, but it otherwise looks excellent. Upscales to 4k.
Denon	AVR-X4300H	A/V Receiver	Saturn	PASS	???*	
Denon	AVR-X4300H	A/V Receiver	N64 (Requires RGB mo	PASS	???*	
Extron	CVC300	YPbPr to RGB	SNES	FAIL	-	Only compatible with 480p to 1080p signal
Harman Kardon	BDS 277	A/V Receiver	Genesis	PASS	FAIL	
Onkyo	TX-SR607	A/V Receiver	Genesis	FAIL	-	
Onkyo	TX-SR608	A/V Receiver	SNES	PASS	???*	
Onkyo	TX-NR709	A/V Receiver	Genesis	PASS	PASS	
Onkyo	TX-NR709	A/V Receiver	TG-16 (Requires db Gra	PASS	PASS	
Onkyo	TX-NR709	A/V Receiver	SNES	PASS	FAIL	Top of display seems to have sync problems.
Pioneer	VSX-1022	A/V Receiver	SNES	PASS	???*	
Pioneer	VSX-1022-K	A/V Receiver	SNES	FAIL	-	
Sony	STR-DN1010	A/V Receiver	???	PASS	???*	
Sony	STR-DN1050	A/V Receiver	SNES	FAIL	-	
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