

	AVM 50	AVM 50v	STATEMENT D2v
HDMI inputs	4	8	8
HDMI inputs have differential signaling and clock data recovery	No	Yes	Yes
HDMI outputs	1	2 (parallel)	2 (parallel)
Analog video inputs (composite + S-Video + component)	7 + 7 + 4	7 + 7 + 4	7 + 7 + 4
Digital audio inputs (coaxial + optical + AES/EBU)	7 + 3 + 1	7 + 3 + 1	7 + 3 + 1
Stereo analog inputs (RCA + XLR)	7 + 1	7 + 1	7 + 1
6-channel analog input	Yes	Yes	Yes (differential circuit)
RCA and XLR outputs – Main and Zone 2	Yes	Yes	Yes
Independent Zone 2 and Zone 3 audio and video	Yes	Yes	Yes
Any analog input can go through DSP or bypass	Yes	Yes	Yes
Dual-core, dual-processor audio DSP	No	Yes	Yes
ARC-1 room correction	optional	Yes	Yes
AM/FM tuner	Yes	Yes	Yes
Video conversion from S-Video and component to HDMI	Yes	Yes	Yes
Pixel-adaptive deinterlacing including for 1080i input	Yes	Yes	Yes
Film mode including for 1080i input	Yes	Yes	Yes
Scaling up to 1080p60	Yes	Yes	Yes
1080p24 input and output	Yes	Yes	Yes
12-bit Deep Color support	No	Yes	Yes
Inverse telecine	No	future software	future software
Adjustable edge trimming	Yes	Yes	Yes
Vertical stretch for anamorphic projection	Yes	Yes	Yes
Mosquito and block noise reduction	No	Yes	Yes
Chroma bug filter	Yes	Yes	Yes
Video adjustments memorized by source	Yes	Yes	Yes
HDMI on-screen display – setup, video adjustments, status	Yes, any output resolution	Yes, any output resolution	Yes, any output resolution
Gamma correction	Yes	Yes	Yes
Test patterns for display setup	Yes	Yes	Yes
Crossover by speaker group	Yes	Yes	Yes
Lip-sync delay	0-85 ms	0-170 ms	0-170 ms
Multichannel PCM input	5.1 – 24-bit / 96 kHz	7.1 – 24-bit / 192 kHz	7.1 – 24-bit / 192 kHz
Dolby Digital Plus and TrueHD	No	Yes	Yes
DTS-HD Master Audio	No	Yes	Yes
Dolby Digital EX	Yes	Yes	Yes
DTS-ES (Matrix, Discrete)	Yes	Yes	Yes
DTS 96/24	No	Yes	Yes
THX Ultra2 (Cinema, Ultra2 Cinema, Surround EX, Music, Game)	Yes	Yes	Yes
AnthemLogic (Music, Cinema)	Yes	Yes	Yes
Dolby Pro Logic IIx (Music, Movie, Game, Matrix)	Yes	Yes	Yes
DTS Neo:6 (Music, Cinema)	Yes	Yes	Yes
All-Channel (Stereo, Mono)	Yes	Yes	Yes
Mono-Academy	Yes	Yes	Yes
Dolby Volume	No	future software	future software
24/192 upsampling on all channels with any input	No	No	Yes
Premium ADCs and DACs	No	No	Yes
Premium parts in analog audio sections	No	No	Yes
Independent record path (outputs: 2 analog, 2 digital, 4 video)	Yes	Yes	Yes
Analog input to digital coaxial output (16/44, 16/48, 24/88, 24/96)	Yes	Yes	Yes
Stereo downmix of Dolby Digital, DTS, and 6-Ch input	Yes	Yes	Yes
Headphone output – discrete amplifier	Yes	Yes	Yes
Universal learning backlit macro-capable remote control	Yes	Yes	Yes
Auto-On/Off timers and Sleep mode	Yes	Yes	Yes
External IR inputs with 12V power	3	3	3
IR emitter output	Yes	Yes	Yes
Trigger outputs	2 x 50 mA, 1 x 200 mA	2 x 50 mA, 1 x 200 mA	2 x 50 mA, 1 x 200 mA
RS-232 control	Yes	Yes	Yes
Front panel lockout	Yes	Yes	Yes
Password memory for installer and user settings	Yes	Yes	Yes
Easy software upgrades	Yes	Yes	Yes
Rackmountable	optional handles	optional handles	special order
Premium faceplate finish	No	No	Yes