

AVM 20 Comparison of Features

Preamp • Processor • Tuner	ANTHEM AVM 2	ANTHEM AVM 20 (v1)	ANTHEM AVM 20 v2
# of Independent Signal Paths	3	4	4
# of Full Function Zones	2	3	3
# of Balanced Analog Audio Outputs (All Main Channels)	6	10	10
# of RCA Analog Audio Outputs (All Main Channels)	6	10	10
Second Center and Sub output channels (in parallel)	No	Yes	Yes
AC-3, DTS, Pro Logic, Stereo and Mono Decoding	Yes	Yes	Yes
AnthemLogic–Music™	No	No	Yes
AnthemLogic–Cinema™	No	Cinema Logic™	Yes
Dolby Pro Logic II (Music and Movie)	No	No	Yes
Dolby Digital EX	No	No	Yes
DTS Neo:6 (Music and Cinema)	No	No	Yes
DTS-ES Matrix and DTS-ES Discrete	No	No	Yes
THX Ultra2			
- THX Cinema	No	Yes	Yes
- THX Ultra2 Cinema	No	No	Yes
- THX MusicMode	No	No	Yes
- THX Surround EX	No	Yes	Yes
High Definition Video Bandwidth @ -3 dB	50 MHz (1080i)	up to 100 MHz (1080p)	up to 100 MHz (1080p)
Digital to Analog Converter Specification	24 bit x 96 kHz	24 bit x 192 kHz	24 bit x 192 kHz
# of Digital Audio Inputs (RCA/Tos/XLR)	7/2/1	7/3/1	7/3/1
# of 2-ch Analog Audio Inputs (RCA/XLR)	7/0	7/1	7/1
# of Digital Audio Outputs	1	2	2
# of Record/Tape Outputs; Assignable	1/No	2/Yes	2/Yes
Direct Analog Audio Inputs (bypassing A/D, DSP, and D/A)	1 - 6/ch analog	All inputs (selectable)	All inputs (selectable)
Stereo Downmix of 6-Ch Input	No	No	Yes
Full Bass Management of 6-ch analog input (for DVD-A or Multi SACD)	No	Yes	Yes
Analog input to Digital output (16/44.1 or 24/88.2); (16/48 or 24/96)	No/No	Yes/No	Yes/Yes
Composite Video Outputs	3	5	5
S-Video Outputs	3	5	5
# of Analog Audio Inputs (2-ch RCA/2-ch Bal XLR/6-ch RCA)	7/0/1	7/1/1	7/1/1
# of IR Inputs: 12V powered; Programmable	2/No/No	3/Yes/Yes	3/Yes/Yes
IR Emitters; #of	No	Yes/2	Yes/2
Simulcast capability in all Paths	No	Yes	Yes
On Screen menus in both Main and Zone 2	No	Yes	Yes
On Screen in both S-Video and Composite (simultaneously)	No	Yes	Yes
All Channel Stereo/Mono Mode on 7.1 channels	No	Yes	Yes
Source EQ - Low and High Freq. by Input (not just global tone settings)	No	Yes	Yes
Speaker configuration includes Large and Small dipole	No	Yes	Yes
Crossover (both low and high pass)	60 Hz -160 Hz	40 Hz -160 Hz	Advanced (see below)
Advanced Crossover:individual settings by Speaker Group/Subwoofer	No	No	Yes, 25 Hz -160 Hz (adj. in 5-Hz increments)
Audio Group Delay; By Input (0 to 85 ms)	Yes/No	Yes/Yes	Yes/Yes
Selectable Background Setup Menu Colors (for display synchronization)	No	Yes (Blue, Black, Magenta)	Yes (Blue, Black, Magenta)
Power Failure Text Warning	No	Yes	Yes
AC Power reset Switch	No	Yes	Yes
Dimensions (W/H/D)	17 1/4" x 5 3/4" x 11 1/2"	17 1/4" x 5 3/4" x 14 1/2"	17 1/4" x 5 7/8" x 14 1/4"
Component Video Switching (2 input, 1 output); Assignable inputs	No/No	Yes/Yes	Yes/Yes
2 wake Timers Per Zone; Sleep function per Zone	Yes/No	Yes/Yes	Yes/Yes
Center Channel Equalization	Yes	Yes	Yes
Password memory for Installer and User custom settings	Yes	Yes	Yes
7 S-Video Inputs/7 Composite Video Inputs	Yes	Yes	Yes
AM/FM Tuner Section	Yes	Yes	Yes
RS-232 Communication and Internet Upgradeability	Yes	Yes	Yes
Headphone w/Independent Volume/Bal/Bass/Treble	Yes	Yes	Yes
2 x 50 mA, 1 x 200 mA Triggers	Yes	Yes	Yes
Universal Learning Back Lit Remote Control	Yes	Yes	Yes
Phast Link Provision/Crestron Compatible/Firewire Provision	Yes	Yes	Yes
5 Year Parts and Labor Warranty (1 year on remote control)	Yes	Yes	Yes
Price (\$US)	\$2,799	\$ 3,199	\$ 3,399