

Anthem™ AVM 20 v2.1 Software Upgrade

Software version v2.1 is an extensive redesign of the AVM 20 operating system that adds a number of very useful features. Refinements in digital signal processing have also yielded further sonic improvements resulting in even greater overall clarity, detail and imaging precision.

	See Owners Manual Section
Input / Output Changes	
• Auto-Digital Input Sensing by Source Goes to digital input first, if no signal is present then automatically switches to analog input.	7.4.5
• Multiple Component-Input Assignment Component inputs can be assigned to any source, including multiple sources.	7.4.5
• Multiple Digital-Input Assignment Digital inputs (RCA, TOS, AES/EBU) can be assigned to any source, including multiple sources.	7.4.5
• 6-Ch Surround/Rear Reverse Output Option	7.4.7
• Duplicate Surround/Rear Output Option	7.4.7
• Digital Output Dithered whenever A to D is set to 16 bit.	7.4.7
Setup Menu Additions and Changes	
• Separate Cinema and Music Speaker Configurations , assignable to each source.	7.4.2
• Auto-LFE Option determines Cinema/Music speaker configuration based on presence of LFE.	7.4.5
• Room Resonance Filter to remove primary in-room bass standing-wave.	7.4.2
• LFE Crossover Bypass recovers LFE information above subwoofer crossover setting.	7.4.2
• Source Presets allow user definable mode presets for each source.	7.4.5
• Source Setup defines operation parameters in one submenu for each source.	7.4.5
• Adjustable Mute Level allows different mute level settings or silent.	7.4.8
Operational Changes	
• FM and AM Preset Banks only scan through their respective presets.	---
• Stereo / High Blend / Mono setting is memorized individually to each FM preset.	5.4.2
• Unused FM/AM Presets are skipped when tuned to 87.5(FM) and 530(AM).	5.4.2
• Individual Speaker Levels are memorized by Mode.	5.6
• Super Subwoofer modified so LFE goes to subwoofer only.	7.4.2
• Dynamics Reset to Normal whenever Main Power is turned Off/On.	5.8.10
• PLII-Movie:Auto/Off allows ProLogic II-Movie to be automatically engaged or overridden for Dolby Digital-2.0 program material that contains the ProLogic flag.	5.8.2
• Direct Access Codes for modes, adjustments, and tuner banks.	6.9 Appendix A
• Audio Group Delay direct access allows for visual audio delay alignment.	6.7 (7.4.5)
• Factory Default 2-Ch Mode set to AnthemLogic-Cinema for all video sources (plus AUX) and AnthemLogic-Music for all audio sources.	5.8.1
• Remote Control Volume Speed increased for more responsive operation.	---
• Dashes in Hour Column of timers menu allows a specific timer to be skipped.	7.4.1
• Bit Rate / Sample Rate Status Indicator (in status cycle). Displays PCM, Dolby Digital and DTS sample rates as applicable.	5.10
Custom Installation	
• Fixed Output Option for Z2 and Z3	7.4.8
• New v2.1 Serial Command List (available on Custom section of website) includes many additional new commands relevant to mode preset/selection.	
• Front Panel Buttons Lockout (for most buttons) enabled through serial command.	Serial Command List
• Serial Feedback for serial discrete volume command.	Serial Command List
• TATU, TATD, TFTU, TFTD serial commands to allow FM/AM tuning up/down without addressing a specific frequency.	Serial Command List