

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 has also yielded further sonic improvements resulting in even greater overall clarity, detail and imaging precision.

Input / Output Changes		See Owners Manual Section
• 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