

232-ATSC 4 Firmware History

Control Firmware:

- 2.00 11-03-14 Initial release
- 2.01 11-05-14 Fixed serial command reset to maintain HD hardware version after reset.
- 2.02 11-13-14 Improved USB HD load and serial HD load.
 - Fixed display of HD version with serial HD load.
- 2.03 2-12-15 Fixes errors in RS-232 Ethernet commands
- 2.04 3-14-15 More universal operation between ATSC 4 and ATSC+1 tuners
- 2.06 7-17-15 Sets 1080p to 60Hz, 1080i/720p can be 60 or 59.94 Hz
- 2.07 09-28-15 Improves USB stick HD update, ignore Power button while updating
- 2.08 11-17-15 Added password to web page. Single password that can be cleared through front panel menu.
 - Added UDP reply, and reply enable/disable commands ">UO", ">UF".
 - IR remote volume buttons will no longer turn on unit.
 - Added "auto" setting to output resolution.
 - Fixed Output Setting in Front Panel Mode Response String.
- 2.09 12-16-15 Fixed bug where 720p was setting tuner to 480i, 480i was setting to 720p.
- 2.10 3-11-16 Adds HDMI audio off command and menu
- 2.11 4-1-16 Enables faster Auto resolution switching
- 2.12 05-09-16 Fixes possible issue with webpage password on firmware update (if updating from old, previous firmware, you may need to use the front-panel menu to clear the Web page password, then reboot power)
- 2.13 5-27-16 Adds ability to select Consumer or Pro digital audio (Consumer is default), delays channel status for 3 seconds to reduce messages
- 2.14 6-1-16 Fixes minor issue using Up button at HD Output menu
- 2.15 6-15-16 Adds selection of HDMI, DVI, and Auto mode for HDMI output – reboot tuner after changing selection
- 2.16 7-6-16 Fixed bug where 720p was setting tuner to 480i, 480i was setting to 720p, adds UDP Reply Enable in FP menus and setting stays if tuner cycles power
- 2.17 7-14-16 Improved HD USB update (install before updating HD firmware)
- 2.18 8-25-16 Setup will start tuner if it is locked at Power On, DHCP and Subnet are now sensed correctly – which corrects issue with non-responsive Web control, Web correctly selects 1080i and 720p
- 2.20 11-16-16 Keeps Web page password after power loss. Universal update for ATSC+1, ATSC+SDI, ATSC-SDI4 tuners
- 2.22 12-2-16 Improvements in Web page operation in large networks
- 2.23 12-12-16 Fixes bug in Web Control page that can cause disconnect
- 2.24 1-27-17 Press and hold Setup to show the IP address, sends Status string when tuning analog channels, DHCP settings are saved for setting Static address, improved IP/Gateway front-panel settings
- 2.25 2-22-17 Now shows No Signal on a channel with no program (fix to V2.24)

HD Load

- 6.00 Initial version
- 6.03 1/19/15 Enables that future HD updates will not require re-scanning for channels and improves MPEG4 decoding. However, you may need to re-scan channels after 6.03 is installed.
- 6.04 4/24/15 Adds several fixes, including improved transport stream decoding, correctly embeds AC-3 in HDMI and properly outputs left and right audio
- 6.07 7/16/15 Adds the ability to select 60/59.94 Hz for 1080i/720p, sets 1080p to 60 Hz
- 6.08 8/20/15 Improves CC operation
- 6.16 11/23/15 Improved color space and black level, channel list won't change or drop virtual channel live – must rescan to ID virtual channels, added 36ms audio delay to improve lip sync, initializes overscan to zero
- 6.17 3/11/16 – Same as 6.16, with the ability to turn off HDMI audio
- 6.20 4/1/16 - Improves h.264 reception. Improves on-screen closed captions
- 6.22 4/22/16 Allows single-part channels above 1023, changes audio streams to Copy Permit from Copy Inhibit
- 6.23 5/27/16 Adds selection for Consumer or Pro audio for digital audio
- 6.24 6-15-16 Adds HDMI/DVI modes for HDMI output
- 6.27 8/26/16 Allows more memory space for channel list, ignores more CVCT errors from cable providers
- 6.31 2/14/17 Allows playback of audio-only cable channels
- 6.38 4/4/17 Helps to fix audio looping issues, adds MPEG2/MPEG4 and physical channel ID to the Info pop-up, the tuner won't switch to an analog channel if a single-part digital is sent channel twice.