

232-ATSC 4 Release Notes

Control Firmware (S37):

- **V2.27** 1/2/18
 - Add PCM audio **AC3 Cmpr Mode** setting
 - Fix web page bug, initial unwanted characters, bad baud rate display.
- **V2.26** 11/27/17
 - Fix non-responsive Web pages.
 - Adds "." as delimiter for serial HD channel commands.
 - Fix occasional flashing character when menu times out.
- **V2.25** 2/22/17 - Now shows No Signal on a channel with no program (fix to V2.24)
- **V2.24** 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
- **V2.23** 12/12/16 - Fixes bug in Web Control page that can cause disconnects
- **V2.22** 12/2/16 - Improvements in Web page operation in large networks
- **V2.20** 11/16/16
 - Keeps Web page password after power loss.
 - Universal update for ATSC+1, ATSC+SDI, ATSC-SDI4 tuners
- **V2.18** 8/25/16
 - Setup will start tuner if it is locked at Power On
 - DHCP and Subnet are now sensed correctly
 - Web correctly selects 1080i and 720p
- **V2.17** 7/14/16 - Improves HD USB update (install before updating HD firmware)
- **V2.16** 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
- **V2.14** 6/1/16 - Fixes minor issue using Up button at HD Output menu
- **V2.13** 5/27/16 - Add selection of Consumer or Pro digital audio, HDMI audio on/off
- **V2.09** 12/16/15 - Fixed bug where 720p was setting tuner to 480i, 480i was setting to 720p
- **V2.08** 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.
- **V2.07**
 - S37 2.07 09-28-15 Improves USB stick HD update
 - Ignore Power button while updating.
- **V2.06** - Selection of 60/59.94 Hz for 1080i/720p
- **V2.04** - Starting with this update, the ATSC+1 uses the same S37 and HD Load
- **V2.03** 2/12/15 - Fixes errors in RS-232 Ethernet commands
- **V2.02** 11/13/14 - Improved USB HD load and serial HD load. Fixed display of HD version with serial HD load.
- **V2.01** 11/05/14 - Fixed serial command reset to maintain HD hardware version after reset.
- **V2.00** 11/03/14 - Initial release

HD Load Firmware

- **6.42** 1/4/18 - Add PCM audio **AC3 Cmpr Mode** setting
- **6.41** 11/27/17 - Adds 480i zoom
- **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.
- **6.31** 2/14/17 - Allows playback of audio-only cable channels
- **6.27** 8/26/16 - Allows more memory space for channel list, ignores more CVCT errors from cable providers
- **6.24** 6/15/16 - Adds HDMI/DVI modes for HDMI output
- **6.23** 5/27/16 - Adds selection for Consumer or Pro audio for digital audio
- **6.22** 4/22/16
 - Allows single-part channels above 1023
 - Changes audio streams to Copy Permit from Copy Inhibit
- **6.20** 4/1/16 - Improves h.264 reception. Improves on-screen closed captions
- **6.17** 3/11/16 – Same as 6.16, with the ability to turn off HDMI audio
- **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
- **6.08** 8/20/15 - Improves CC operation
- **6.07** 7/16/15 - Adds the ability to select 60/59.94 Hz for 1080i/720p, sets 1080p to 60 Hz
- **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
- **6.03** 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.
- **6.00** - Initial version