

AC6992 TUNER SOFTWARE RELEASE HISTORY

General

AC6992 tuner software handles the forward and return path level measurements. It is not involved in remote CATVisor / HMS communication, which is handled by AC6992 modem software.

Minimum recommended AC6992 tuner software version: 4.0.4

Software update is done via a fully powered amplifier / node running software which supports AC6992 using the following methods:

- **Local update:** CATVisor Commander 2.9 or later, service port connection to amplifier / node with USB cable. Typical update time 2 min.
File: *AC6992_plugin_appl_tuner_x.x.x.srec*
- **CATVisor mode remote update:** CATVisor Commander or SmartLoader or broadcast update with SmartLoader. Typical unicast update time 4 min.
File: *AC6992_plugin_appl_tuner_x.x.x.srec*
- **HMS mode remote update:** With SCTE-HMS-DOWNLOAD-MIB (SCTE 38-8 2002 / HMS063) compatible download tool. Typical update time 4 min.
File: *AC6992_plugin_appl_tuner_x.x.x_HMS-download.srec*

When the software update has been completed, please wait for the connection to be re-established and “Application updating” alarm to disappear before turning off the power, resetting or unplugging AC6992. This can take up to 2 minutes depending on platform.

With CATVisor SmartLoader please make sure that “Send reset after successful update” is not selected, as this can cause the software update to fail.

LATEST VERSION

Version 4.0.15, released 25.9.2019 – Minor bug fix

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: A short loss of powering can cause some AC6992 units manufactured in 2017 or earlier to measure ~4 dB too low levels for pilots / spectrum / ingress until the next software/hardware reset. (Shout 36586, 37876)

OLDER VERSIONS

Version 4.0.14, released 21.9.2017 – Minor bug fix

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Fixed: Too high measurement results can appear in some rare cases with analog detector. Digital detector is not affected. (Shout 33188)

Version 4.0.13, released 12.5.2017 – Minor enhancements

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Added watchdog to recover from loss-of-remote-powering situations which can in some cases cause AC6992 to stop level measurement. This results in “hwError” pilot status and related amplifier / node alarms, but can be fixed with software or hardware reset. (Shout 31953, 32619)
- Minor improvements in manufacturability.
- Minor improvements in analog signal measurement accuracy.
- Minor improvements in the accuracy of measurement in extreme temperatures.

Version 4.0.6, released 14.10.2016 – Enhancement

Compatibility

Compatible with all AC6992 hardware versions.

Fixes

- Increased digital averaging detector measurement speed.

Version 4.0.4, released 20.6.2016 – First customer release