

AC6980 TUNER SOFTWARE RELEASE HISTORY

General

AC6980 tuner software handles the forward and return path level measurements. It is not involved in DOCSIS communication, which is handled by AC6980 DOCSIS software.

Minimum recommended AC6980 tuner software version: 3.0.0

Software update is done via a fully powered AC3000, AC3200, AC8700, AC8800 or AC9100 amplifier / node equipped with latest software supporting AC6980 transponder using the following methods:

- **Local update:** CATVisor Commander 2.7 or later, service port connection to amplifier / node with USB cable. Typical update time 2 min.
File: *AC6980_tuner_x-x-x.srec*.
- **CATVisor remote update:** CATVisor Commander or SmartLoader. Typical update time 1 min.
File: *AC6980_tuner_x-x-x.srec*.
- **HMS remote update:** With SCTE-HMS-DOWNLOAD-MIB (SCTE 38-8 2002 / HMS063) compatible download tool. Typical update time 1 min.
File: *AC6980_tuner_x-x-x_HMS-download.srec*.

When the software update has been completed, please wait for the new software version to appear on “Properties” page before turning off the power or unplugging AC6980. This can take up to 5 minutes.

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 3.2.3, released 11.2.2015 – Minor enhancements

Compatibility

Compatible with all AC6980 hardware versions.

Enhancements

- Improved lid sensor sensitivity. (Shout 25798)

Fixes

- Internal changes not visible to the user.

OLDER VERSIONS**Version 3.2.1, released 14.1.2013 – Manufacturability enhancements****Compatibility**

Compatible with all AC6980 hardware versions.

Fixes

- Minor improvements in manufacturability.

Version 3.0.8, released 15.11.2012 – Enhancements**Compatibility**

Compatible with AC6980 hardware version A.

Fixes

- Minor improvements in AC6980 hot plugin behaviour, measurement accuracy and manufacturability.

Version 3.0.0, released 21.6.2012 – First customer release**Compatibility**

Compatible with AC6980 hardware version A.

Recommended CATVisor Commander / SmartLoader software download settings

Download parameter	Value	Note
Hw model	AC6980	
Download method	3	Combined lines (3)
Reset device before start	-	
BOOT time	N/A	
Timeout for PREPARE reply	2000	
Don't require PREPARE reply	-	
Time to PREPARE download	0	
RETRY count	10	Use smaller value (e.g. 3) with SmartLoader broadcast download.
Timeout for UPDATE reply	5000	Use smaller value (e.g. 300 ms) with SmartLoader broadcast download.
Reset device after update	-	New software is taken into use after successful reboot of device. If downloaded software is to be taken into use later, uncheck this and send separate SW reset.
Use binary format	X	
Use custom line length	X	
Custom line length	185	
Bus reserved safemode	-	

