



Product Series: AVT 100N TV/Cable Demodulator
Current Version: v2.05

The following notes provide the revision history and a list of known software issues in the current release. For more information please call your Extron Application Engineer.

Updated: January, 2008
Extron Products Affected: AVT 100N
Current Engineering Revision: E18948

TECH NOTES

Firmware Loader v3.1 – Firmware Loader v3.1 or higher is required to load new firmware. The utility is available on Extron's website in the Download Center.

Firmware Upload – Firmware v2.02 or higher is required to load new firmware onto the AVT 100N. If the AVT 100N has firmware older than v2.02, please make arrangements with an Extron Applications Engineer to send in the unit for a factory update.

AVT 100 Configuration - Save the AVT 100 configuration using the AVT 100 Control Program before uploading new firmware. Settings will be lost once the firmware upload is complete.

KNOWN ISSUES

No known issues.



FIRMWARE RELEASE HISTORY

Released Version: v2.05

Affects: **Engineering Revision:** E18948

Firmware Revision: AVT 100N v2.04 or earlier

Date(s): 1/22/2008

The following is a list of changes and fixes in this release.

Added Japanese cable and broadcast frequencies – AVT 100 FW v2.05 adds Japanese broadcast channels 1 through 62 and Japanese cable channels 1 through 63. These frequencies can be activated via SIS, or through the Windows Control Software version v3.0 or greater.

Added recovery of failed firmware upload – When upgrading AVT 100N firmware beyond v2.05, the box can now be recovered from a failed firmware upload.

Note: if the firmware upload of v2.05 or earlier fails, the AVT 100N box will have to be sent into Extron for repair.

Fixed IR interference changes settings with IR disabled – Even with IR reception disabled, extraneous IR signals could cause the AVT 100 to switch from TUNE to PRESET mode. This issue has been resolved in FW v2.05.



FIRMWARE RELEASE HISTORY

Released Version: v2.04

Affects: **Engineering Revision:** E17462

Firmware Revision: AVT 100N v2.03 or earlier

Date(s): Units shipped prior to November 10, 2006

The following is a list of changes and fixes in this release.

- **Fixed intermittent AVT 100N failures** – When using the AVT 100N with certain RS-232 serial control products, the unit would fail intermittently. Some serial control products send commands to view the status of various settings on the AVT 100, such as audio or video mute, audio output, front panel lock, IR remote, and PAL standard select. The AVT 100 would take these status commands, read the setting for the command sent, and then write that exact value back into the same memory register. Over time, this ~~can~~ was found to cause the NVRAM to fail, due to an excessive number of writes to these particular registers. Symptoms of NVRAM failure include:
 - Front panel control lockup
 - Audio output set to Mono
 - IR remote access "off"

This issue has been fixed with firmware v2.04.