

If you are like me, you are sick and tired of the “Missing Ratings Info... with EC f/w. **These instructions will change your firmware back to A4! Read Completely before-hand! Update at your own risk, you can brick your receiver if you don't follow exactly and backup all files first, including NVRAM and AllFlash.**

1. Download the A4 bin file to your PC and note where it is located at.
2. Power off IRD (Unplug the 4DTV from the wall socket) and hook up the USBBDM device to the 4DTV. Connect the USB cable to the PC.
3. Open up the USBBDM NT program on you PC. Make sure you have the DSR922 as your selected target. You should also see the message “USB connected” on the lower right hand corner of the display.
4. On the left side of the display, you will see a square button control with 3 dots. Left click on the control to bring up a “Browse For Folder” dialog. Locate the folder where you have the A4 bin file and select the folder. You should now see the A4 bin file in the listing of the folder contents in the drop down list.
5. Power on IRD (plug in the 4DTV now). Before continuing, make sure you have saved a copy of the original flash memory and nvram contents. If not, do that first!

Once connected.....in the lower box of the USBBDM NT program **under the “Output”** tab type in:

```
reset 1 (reset space 1 enter) “BDM ON” status should be displayed  
init (enter)  
flshdct 0 (enter) It should detect flash memory as AMD 29lv160DB at address 0.  
r a7 ffb5ff00 (point a7 to ffb5ff00) (r space a7 space ffb5ff00 enter) You should see A7 in  
the top box change from A7=99999999 to A7=FFB5FF00.
```

-click on **AllFlash tab** and **double click on the a4.bin file** listed at left column to load the bin file. You should see the GI Copyright notice in the data.

**-write a4 to IRD by clicking on W tab at top of window. A warning dialog should come and ask “Are you sure you want to program?”. Click yes and the reprogramming will start.**

```
{Erase starts...  
Erase time 00:00:17 (.531)  
Program Starts...  
Program speed 73.11 KB/s  
Program time 00:00:21 (.515)  
Program pass, if no further programming needed, power off/on the target.
```

-when software is through erasing old f/w and writing new f/w, cycle power the ird.  
now type in:

reset 1 (**reset space 1 enter**)  
g (**g enter**)

Wait for 4DTV to boot up, then check diagnostic screen A, it should say A4 now.

Restore your nvram now.

I had to reload my NVRAM, so you will probably want to be on satellite where you backed up NVRAM just to be on safe side (you did back up your NVRAM, right?) Now enjoy all FP's with missing ratings info without having to 6-4-4 every 15 minutes.

I have done some old-old archive reading about A4's firmware this is what I found.

**"When watching any digital channel, doesn't matter which one, after about 65 minutes the audio starts to crackle then distort then the picture will pixelate. If you leave it alone it takes 5 or so minutes to correct itself. Just change the channel back and forth quick to reset"**

**Edit** This is what I found on A4 bugs: Co-location of C & Ku bird don't work right. Also sometimes when switching from analog to digital would produce snow and no lock. So if that's the only issues A4 would be better than EA.