

## **JVC DLA-HD1 FIRMWARE UPDATE INSTRUCTIONS**

Updated firmware is now available for the DLA-HD1. This updated firmware is Version 61 and contains several improvements:

### **IMPROVEMENTS IN THE NEW FIRMWARE VERSION**

1. Scaling errors with SD signals (480i/p and 576i/p - Y-Cb-Cr/4:2:2) through the HDMI Inputs have been improved.
2. Intermittent picture interruption through the Component Input when used with some AV Amplifiers has been improved
3. Problem with conversion of HDTV colour matrix with SD signals through the Component Input has been improved.
4. The level of the blue background displayed when there is no input signal has been reduced.

### **EQUIPMENT REQUIRED**

To carry out the update, you will need:

- A Standard PC with a serial port running Windows XP (with SP2).
- The JVC update program: "*CPUgrader.exe*"
- The JVC data file "*HD1\_061.jvc*"
- A 9 Pin to 9 Pin cross-connected serial cable. The cable must be cross-connected, i.e. transmit and receive pins reversed. A straight cable will not work. These cables are sometimes called Null Modem or DTE/DTE cables. Suitable cables are available from most computer accessory suppliers and are used to carry out software updates on many other AV products.
- A crosshead screwdriver.

### **HOW TO CARRY OUT THE UPDATE**

1. Save the CPUgrader.exe program and HD1\_061.jvc data file to a suitable empty folder or the desktop on the PC.
2. Switch off the projector and disconnect from mains power.
3. Remove the blanking plate to the left of the HDMI 2 Input. This will reveal a row of DIP switches.
4. Move No. 1 DIP switch (the one on the left when viewed from the rear of the unit) to the down position.
5. Connect the serial cable between the Serial Port on the PC and the RS232C socket on the DLA-HD1.
6. Reconnect power to the DLA-HD1 and check that the Standby/On LED on the DLA-HD1 is *off*. If it is on, the DIP switch has not been correctly set.
7. Double click the icon of the CPUgrader program to start it.
8. Select the COM port to which the serial cable has been connected (usually COM1).
9. Click the "Browse" button and select the HD1\_061.jvc file, then click "Open" to load the file into the CPUgrader program.
10. In the "User ID" box, enter *UB0320*. In the "Password" box, enter *EM31060*.

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11. Click the "Start" button on the CPUgrader program.
12. The computer will then transfer the data file to the DLA-HD1. This process usually takes around 90 seconds. When it is finished, the program will display "Completed".
13. After the transfer is completed, click the "End" button on the CPUgrader program to end the program and disconnect the DLA-HD1 from mains power.
14. Return No. 1 DIP switch to the up position and refit the blanking plate.
15. Reconnect power to the DLA-HD1 and test.

### **CHECK SOFTWARE VERSION**

To check that the firmware has been updated correctly, first display the Service Menu. To do this, press the following cursor keys on either the Remote Control or the DLA-HD1:

1. Up
2. Down
3. Right
4. Left
5. Enter

These buttons must be pressed in quick succession in order to enter the Service Menu. If you press the buttons and the Service Menu does not appear, try again. It may take several attempts to get the timing right.

When the Service Menu appears, if the update has been successful, the first page of the Service Menu should show:

Model: ILAFPJ-- -XH  
Main: 061

There is other version information on the first page of the Service Menu but this is not relevant to the update.

For your information, the values *before* the update are:

Model: DLA-HD1  
Main: 059

If your unit displays these values, the update has not been successful and you should repeat the update from step 2 above.

To exit the Service Menu, press "Exit" on the Remote Control.

Do not change any other settings in the Service Menu.