



DG4000 Firmware Upgrade Procedure

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Solution:

Instruments with firmware revisions $\leq 00.01.09$ require a new bootloader.

To update instruments with firmware $\leq 00.01.09$, please start at step 1.

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If you are currently running firmware $\geq 00.01.09$, start at step 2, then go directly to step 7.

1. Download the proper firmware file and transfer to the root directory of a USB memory stick. Valid firmware for the DG4 series have the *.GEL file extension.

NOTE: The USB memory stick must be FAT32 formatted. You can insert it into a running DG4000 and the instrument should display “USB Device Recognized” or similar.

2. Plug the instrument in to an uninterruptible power supply and turn the instrument on.

WARNING!

Don't power cycle or disturb the instrument until the upgrade is complete.. as the instrument can be damaged.

3. Copy the DG4000 (Bootloader)update file to the root directory of a USB memory stick
4. Power on DG4 and press the help button repeatedly (about 10 times/second) until the MOD and UTILITY buttons light.



5. Insert the USB memory stick. The front panel buttons should light one-by-one
6. When all buttons are lit, power off the DG4
7. Now, copy the DG4000(DSP)update file to the root directory of a USB memory stick...
remove, or overwrite the bootloader file if it is currently on the USB memory stick.
8. Execute steps 5-6 (repeating steps 5-6 if you started with step 1).
9. Power on DG4 and check the firmware information



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