



DP800 FW Upgrade Instructions from Versions < 00.01.09

Date: 02.24.2014

With the release of firmware version 00.01.09 upgrading the DP8 firmware requires that two different files with the same name be downloaded into the instrument. These instructions describe using a USB stick to upgrade the firmware to version 00.01.09 and the Boot loader to version 00.01.06.

1. Check to see that the USB stick is recognized by inserting the USB into the back panel. The instrument should indicate USB Device Detected.

NOTE: If the device is not recognized, try another USB memory stick. We also recommend minimizing the number of folders, files, and programs on the stick. Drives less than 4GB in total volume are also recommended.

2. Download the two files
DP800UpdateNormal.GEL
DP800UpdateBoot.GEL
to the USB's root directory
3. Rename the file DP800UpdateNormal.GEL as
DP800Update.GEL



4. Plug the instrument into an uninterruptible power supply

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

5. Power on the DP800
6. When three ellipses (...) are viewed on the display, Press the Help key to place the unit into Upgrade Mode. A prompt indicates the USB stick should be installed. Install the USB stick and when the file has been downloaded, the prompt suggests a power cycle.
7. After the update is complete remove the USB stick.
8. Rename the DP800Update.GEL file as DP800UpdateNormal.GEL
9. Rename the DP800UpdateBoot.GEL file as DP800Update.GEL
10. Power cycle the DP800.
11. When three ellipses (...) are viewed on the display, Press the Help key to place the unit into Upgrade Mode. A prompt indicates the USB stick should be installed. Install the USB stick and when the file has been downloaded, the prompt suggests a power cycle. This is indicated on the display.
12. After the boot loader program is updated, the instrument will indicate that you can power cycle.
13. Power Cycle the DP8. Once the Mail Screen has finished loading (~ 1 min) press the Help key button twice to bring up the help screen shown below. The drawing also assigns references – M1,M2,M3, and M4 - to the Function buttons on the screen



14. Press M4-M2-M1 button sequence to update analog board 1.

NOTE: You will need to press these buttons quickly

15 Press M4-M2-M2 again to update analog board 2

16 Power cycle the DP800

17 To Confirm the updated firmware version, press the Utility Key and the SysInfo button at the bottom of the screen

18 To Confirm the updated bootloader press the M1-M3-M2 Sequence



Headquarters

RIGOL TECHNOLOGIES, INC.

No.156,Cai He Village,

Sha He Town,

Chang Ping District, Beijing,

102206 P.R.China

Tel: +86-10-80706688

Fax: +86-10-80705070

Email: support@rigol.com

USA

RIGOL TECHNOLOGIES,USA INC.

7401 First Place, Suite N

Oakwood Village

OH 44164, USA

Toll free: 877-4-RIGOL-1

Office: (440) 232-4488

Fax: (216)-754-8107

Email: info@rigol.com

EUROPE

RIGOL TECHNOLOGIES GmbH

Lindbergh str. 4

82178 Puchheim

Germany

Tel: 0049- 89/89418950

Email: info-europe@rigoltech.com