

Dear User

This document contains important information about updating the firmware for TGF4042, TGF4082, TGF4162 and TGF4242 function / arbitrary / pulse generators. Please read this information very carefully before carrying out any firmware updates.

The zip file includes the 'TGF4XX2' folder, which contains the necessary updates for the TGF4000 series generator firmware. The name of the zip file indicates the firmware version number. The FIRMWARE folder in the TGF4XX2 folder contains the following files:

FW\_INTF.HEX  
FW\_EXTFA.HEX  
FW\_EXTFB.HEX  
FW\_EXTFC.HEX  
FW\_FPGAA.HEX  
FW\_FPGAB.HEX  
VI\_WEBX.HEX  
FW\_INFO.TXT  
VI\_INFO.TXT

You must unzip the file and extract the 'TGF4XX2' folder first to carry out any firmware updates. You will need a USB flash disk with at least 10MB free space.

Connect the USB disk to your PC. Navigate to the root directory of the USB flash disk and copy the 'TGF4XX2' folder to the root directory of the flash disk.

If you already have a folder named 'TGF4XX2' in your flash disk which contains a folder named 'FIRMWARE' you will get the options asking you whether you want to overwrite the existing files / folders. Please click yes / yes to all to continue.

Once you have copied the 'TGF4XX2' folder, disconnect the USB flash disk from your PC and connect it to the generator. Turn ON the generator. A screen will appear informing you that a firmware update is available. The screen also informs you of the firmware version number that is available for you to download to the instrument.

There are three options available in this screen, UPDATE, DELETE and CONTINUE. Please Press UPDATE (Soft Key 1). The generator starts updating its firmware. This may take a few minutes. Once the firmware is updated, the generator will start with the new firmware. You may now disconnect the USB flash disk from the generator and power cycle the generator.

Please note that if you press DELETE (Soft Key 3), you will delete the firmware update files from the USB disk. If you press CONTINUE (Soft key 6), the generator will start without updating the firmware.

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