

TGP3100 series Firmware Updates

Dear User

This document contains important information about updating the firmware for TGP3151, TGP3152, TGP3121 and TGP3122 pulse and universal generators. Please read this information very carefully before carrying out any firmware updates.

The zip file includes the 'TGP31XX' folder, which contains the necessary updates for the TGP3100 series generator firmware. The name of the zip file indicates the firmware version number. The FIRMWARE folder in the TGP31XX 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 'TGP31XX' 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 'TGP31XX' folder to the root directory of the flash disk.

If you already have a folder named 'TGP31XX' 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 or not. Please click yes / yes to all to continue.

Once you have copied the 'TGP31XX' 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.

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.

If you are updating the firmware from version 1.00 to version 1.01 or later, it is necessary to perform calibration step 13 for TGP3151 / TGP3121 or calibration step 22 for TGP3152 / TGP3122 after the firmware is updated. Details of calibration procedure could be found in the instruction manual.

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