

310 series transmodulators firmware upgrade

Firmware upgrade from Field strength meter

- Necessary material:

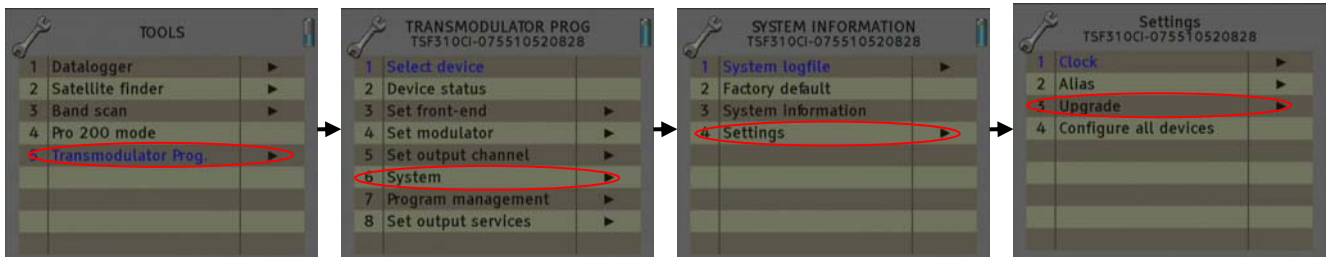
- Field strength meter mediaMAX EVO, mediaMAX EVO S2 or MediaMAX MINI.
- Programming cable RS232 – RJ45. Ref.: CPR 1. Code: 3002026.
- USB 2.0 memory stick;
- Last firmware version for module;

- Previous steps:

- Download last firmware version available for your module. You can find at: <http://www.ftemaximal.com/ingles/firmware.php>
- From this website, you will reach a ZIP compressed file which must be decompressed in the root folder of the USB Memory device.
- Insert USB 2.0 memory stick into the field strength meter.
- The module has two ethernet connectors. In order to make the upgrading of the module you have to connect the corresponding field strength meter to PRO 201 connector.

- Upgrading:

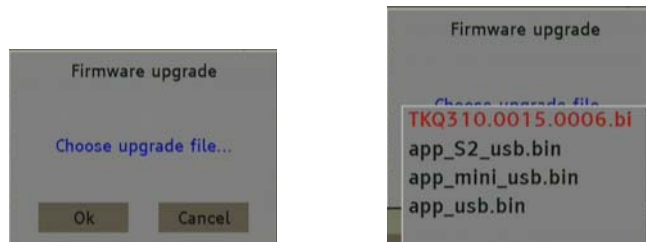
1. In order to start upgrading the transmodulator, you will have to go to **"Tools"** option through the key 8 of your field strength meter and to select the option **"Transmodulator Prog."** → **"System"** → **"Settings"** → **"Upgrade"**.



2. Select one of the following two options:
 - Send Firmware from USB: It allows carrying out the firmware update from the USB device.
 - Send firmware to all: It allows carrying out the update of all the modules that are interconnected at the same time.



3. Once selected the option **Send Firmware from USB** or **Send firmware to all**, a dialog box is displayed with the text **Firmware Upgrade** and in blue colour the text **Choose upgrade file**. Push the rotating key or the *enter* key to select the **.BIN** file.



4. Once selected, please push *enter* and turn the rotating key to right to select **Yes** and confirm. A dialog box will appear in order to confirm the upgrading. Push **Yes**.



5. Next screen will appear. Once the upgrading has finished, the module will automatically re-boot.



Firmware upgrade from programmer

- Necessary material:

- PRO 201;
- SD card in FAT 16;
- Last firmware version for module;

- Previous steps:

- Download last firmware version available for your module. You can find at: <http://www.ftemaximal.com/ingles/firmware.php>
- Unzip the file downloaded from the web site.

- Upgrading:

1. Before introducing the SD card in the PRO 201, it is necessary to introduce the updating **.UPG** files in the **Programs** folder of the SD card, and then to connect the PRO 201 with the SD card already inside.

2. Once started, select **Config** from the main menu.

```
TSF 310  
  
Manual    <Config >  
Auto
```

3. Move to **Update FW** or **Global Update** option with the cursors ▲▼.

- Update FW: It allows carrying out the firmware update from the USB device.
- Global Update: It allows carrying out the update of all the modules that are interconnected at the same time.

```
TSF 310  
Factory default  
>Update FW  
Date / Hour
```

4. Then it starts the downloading and subsequent saving of the software in the module:

```
TSF 310  
B:0039260 T:0090795  
APP:                000  
Please wait
```

```
TSF 310  
B:0090795 T:0090795  
Writing:           000  
Please wait
```

5. The process ends after showing the following message:

```
TSF 310  
  
operation finish
```