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GOTMasterUtils Users Guide

We use the word “Master” for any variant of the GT-Xconnect from any of our Partners, Uhlenbrock, Faller etc. which use other brand names.

The purpose of the program is threefold:

- 1) To allow any user to update the firmware of the Master to a newer version.
- 2) To change the Type of a GT-Xcontrol
- 3) To change settings of the Master or any variant hereof.

It is also used to enhance the functionality of the Master or any variant to comply with usage at a higher functionality level. This is normally associated with a fee to be bought in our web-shop:

<http://en.shop.gamesontrack.dk/games>

Install

GOTMasterUtils (GOTMU) is a windows program. It runs on PC's from Windows XP2 and onwards. It requires .NET Framework 4.0 and Silabs driver for the Master to be installed.

The Set-up program can be installed from our download servers, or via the download document, or from the normal Install CD enclosed in the GT-Command Package. It installs the program on a separate folder called GOTMasterUtils

If you install from the CD please then install the GT-Command package first and then in a second step GOTMU. Thereby, all .NET and all drivers will be installed using the GT-Command program.

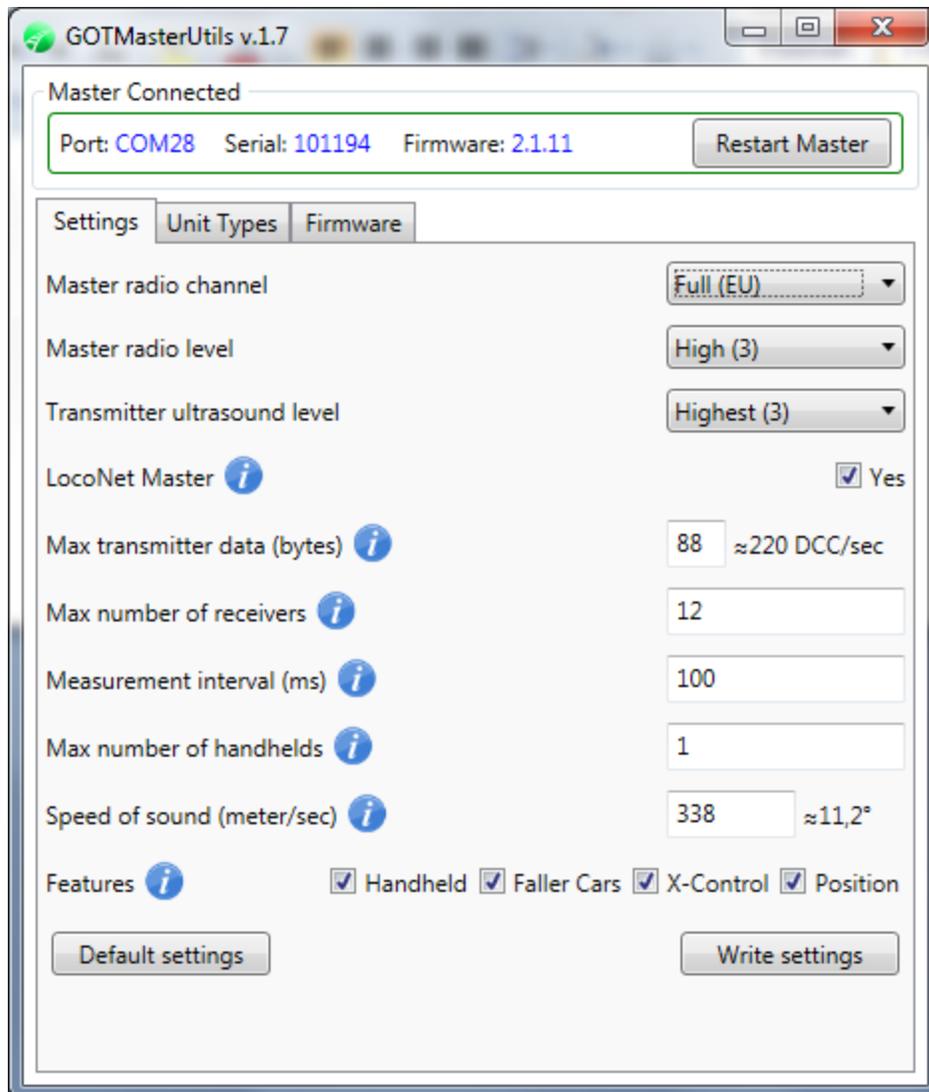
GOTMU will automatically search for the Master and connect to it. In general the UI and the menus are deactivated when no Master is connected.

GOTMU coexists with GT-Command. Only one program at a time can connect to the Master.

Functionality

Settings : Save new settings to your Master.

Connect Master, after few seconds it shows ID and firmware version and current settings.



Hover over the I's for more information of the various individual settings.

Be aware of:

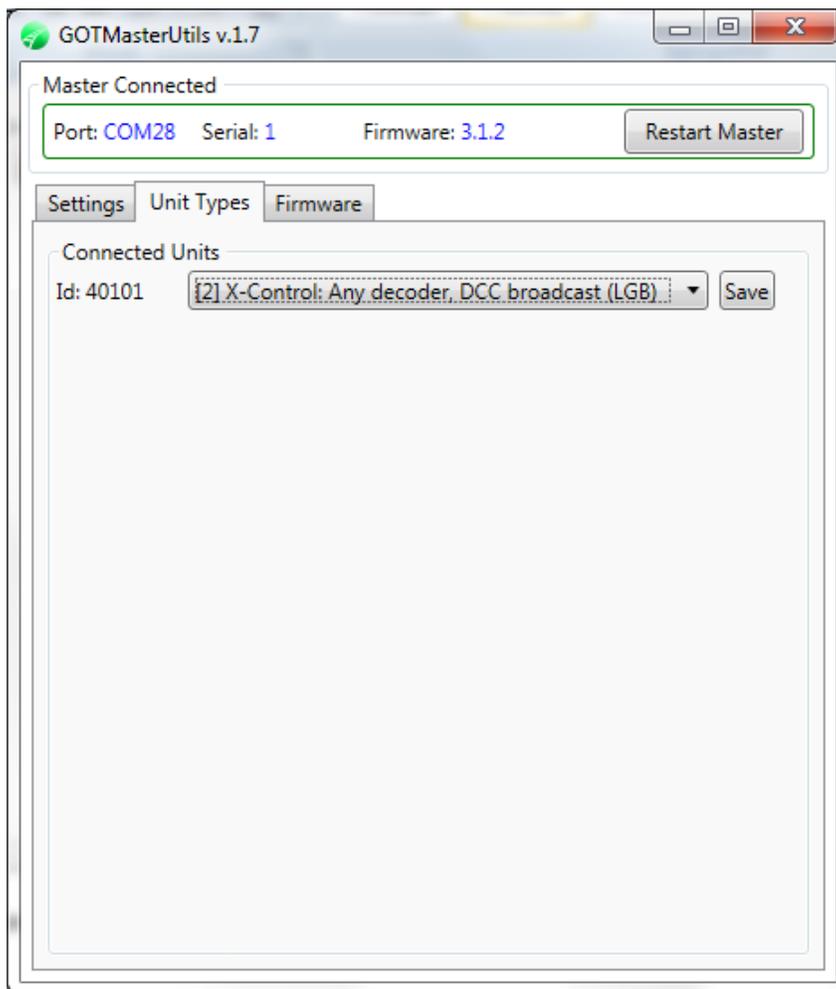
- Normally you just run full channel with highest bandwidth.
 - o If two masters are within 50 m you might decide for them to operate on each one half channel. In case you do so start with one Master and the associated devices like Satellites, train senders, GT-Xcontrol, Faller cars etc.
 - o Then close all devices and finally disconnect and shut down the Master.
 - o Then open the second Master set the other half channel and open all devices associated to that.
 - o Close that system also with devices first and finally the master.
 - o When you then start the two system, always start the masters first before you turn on any devices. Devices are not completely bound to the master and if their prime master is not open they will search for other masters.
- Radio Master Level should be as low as possible, 2 is default, however in a small location 1 is fine. For big layouts in clubs you need 3.

- Same for transmitter level, default is 2, max is 3, small layout are good with 1. If 6-8 meter or outdoor it is always 3.
- For details about satellites and Measurement intervals, please see the GT-Command Manual in Appendix.
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Remember to write settings whenever a change is done. You might want to restart the master to control your settings.

Unit Types : Change Unit Type for any GT-Xcontrol.

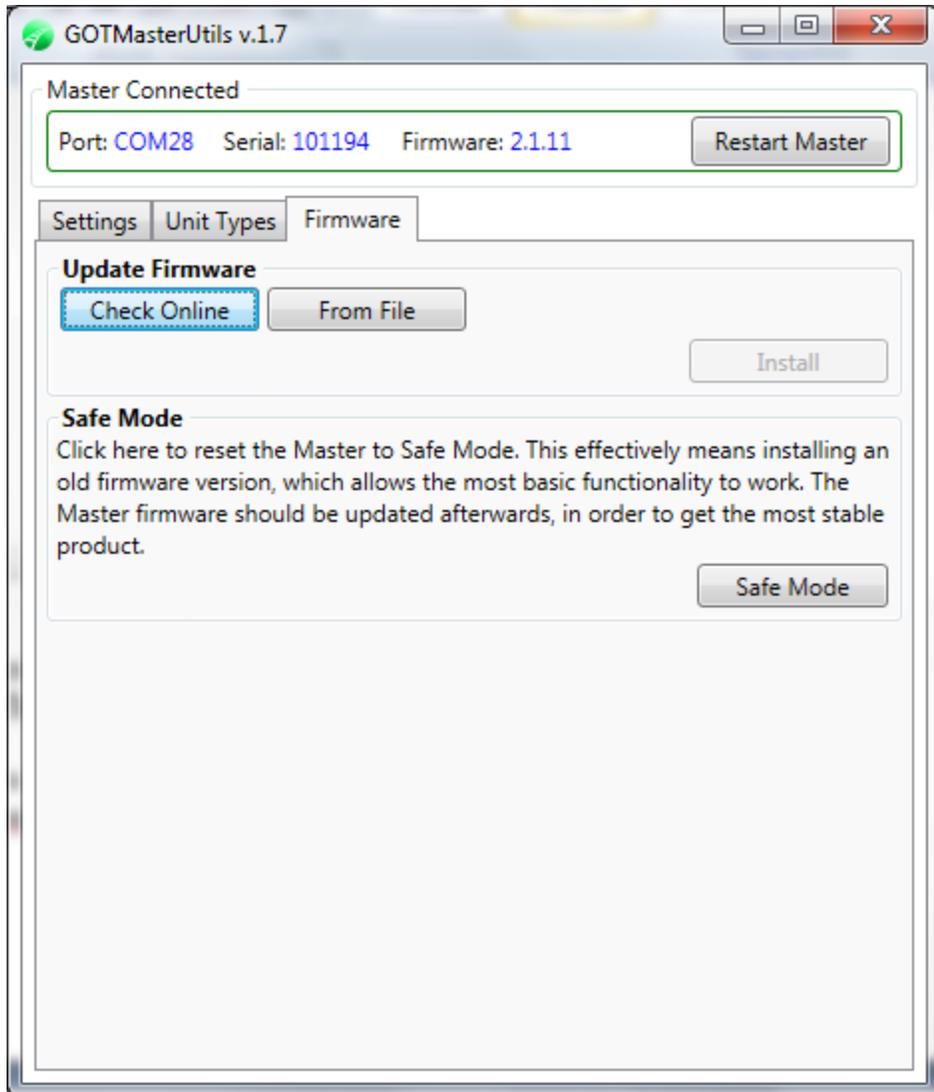
Connect Master, after few seconds it shows ID and firmware version



The list of connected GT-Xcontrol shows up. Use the drop-down box to select a new type and save it. The radio will set up the new type in a few seconds.

Firmware : Update to a new version or upgrade to more functionality and features.

Connect Master, after few seconds it shows ID and firmware version



The primary method is to go on-line with your PC. Then press Check Online and GOTMU will check on GamesOnTrack servers whether there are new versions for this Master. If you have bought an upgrade it will also find the upgraded version for your Master ID and allow you to install it.

The secondary method is to get a new Updated firmware send to your PC or delivered by USB . In this case you Update from File. The file is packed and delivered with the extension .pak . The update is tailored to your Master ID.

If anything goes wrong, or if you lose Master ID for whatever reason you can always install the **safe mode** firmware. This will reset your Master and from that you can further upgrade using one of the above methods.