



Installation guide

TRIMBLE RAILWAY GMBH
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TRIMBLE DEALER/CUSTOMER CONFIDENTIAL

TRIMBLE YUMA TABLET WITH GEDO SOFTWARE

All installation files *GedoXXX_v2.X.X_Win32.exe* can be used for software installation on Trimble Tablet Rugged PC (YUMA 2) when taking in account the following topics.

Software download

For GEDO software installation on a Trimble Tablet Rugged PC following files are necessary:

- GEDO application installation for Windows: [GedoXXX_v2.X.X_Win32.exe](#)
- Communication components for Trimble Instruments: [SNP_Service_R4.7.16_x32.zip](#)
- Microsoft Visual C++ 2005 Redistributable Package: [vcredist_x86.exe](#)
- USB driver for radio module: [USBRadioDriver.exe](#)
- Trimble Product Activation: [Trimble Product Activation Desktop Setup V1.15.002.exe](#)
- Internet connection for download and installation of .NET Framework 3.5

All files are available for download at the Trimble Railway download area http://www.trimble-railway.com/download/gedo_downloads/ section Win32_YUMA/ and the relevant GEDO application.

www.trimble-railway.com

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Software installation for Win32

1. Before installing, every file has to be copied to any directory on the PC, e.g. *C:\Temp*.
2. Extract the zip archive *SNP_Service_R4.7.16_x32.zip*, open the directory and run *setup.exe*
3. Install *vcredist_x86.exe*.
4. Install the driver for the radio module *USBRadioDriver.exe*.
5. Install *Trimble Product Activation Desktop Setup V1.15.002.exe*, if Trimble Access is not already installed on your computer.
6. Start GEDO software installation by running *GedoXXX_v2.X.X_Win32.exe* and choose directory for installation (by default: *C:\Trimble\GedoXXX*). By default a shortcut in the Windows® start menu and a desktop icon are generated.
7. Make sure, that no external memory (e.g. USB stick) is attached to the Windows 10 device when running the GEDO software the first time.
8. Possibly Windows® will recognize that .NET Framework 3.5 is not installed in Windows 10 right now. Connect your PC to the internet and accept run the automated download and installation. Optional the feature can be installed when activating the option in Windows® menu “Turn Windows features on or off”.
9. If you run the program for the first time two DLLs are registered and default settings will be loaded. Configure the program settings according to your needs.

Licensing

The license for GEDO software applications on a PC are linked to the computer’s hardware parameters.

Important! Make sure that there is no external memory (e.g. USB stick) attached to the Tablet every time when starting the GEDO software!

Following steps are necessary to get license file for a specific hardware:

1. After the first start of the GEDO program, copy the files *hardwareinfo.dat* and *keyfile.txt* from the installation directory of the GEDO software (by default: *C:\Trimble\GedoXXX*).
2. Send these files to info@trimble-railway.com and ask for a license file for your GEDO application. Please name the GEDO software and refer to an ongoing order or delivery note.
3. You will then receive a license file *GedoXXX.lic*. Finally copy this file into the installation directory of the GEDO software.
4. Check the successful software license after re-starting the GEDO software in menu Configuration – About. The lower part of the window will show the license expiration, update period and available modules. Please contact info@trimble-railway.com if there are still no modules listed after a reset.

Radio communication

Panasonic tablets can be equipped with an additional 2.4GHz radio module (cirronet), which is automatically detected by the GEDO software. For configuration the only the radio communication channel need to be defined.

1. Make sure that your controller is equipped with an 2.4GHz radio module.
2. Start the GEDO software and configure the Radio setting in menu **Instrument – Radio settings**. Set *Connection via: Radio* and define the *Radio channel* and *Network ID* corresponding with the instruments second face display.
3. Try to connect to the instrument by using menu **Survey – Connect**.

Bluetooth Connection

The Bluetooth communication to the GEDO track measuring trolley must be configured once. The following steps are necessary for this:

1. Insert a charged battery into the track measuring trolley and switch it on.
2. Open the Windows menu of the Bluetooth settings.
3. Select **Add Bluetooth or other device**.
4. Select **Bluetooth** as the type of device to start the Bluetooth search.
5. In the list of available devices, select the serial number of your GEDO track measuring trolley.
6. Enter the PIN **1234** and confirm the entry with **Connect**.
7. A final message confirms that the device has been paired and is now ready to use.
8. Exit the Bluetooth settings and start the GEDO software.
9. Open the menu for setting the *communication* to the track measuring *trolley*.
10. Select the appropriate port according to the name of the Bluetooth device (*serial number* of the track measuring trolley) and leave all other settings as they are.
11. Check the connection by reading the sensor values (e.g. in the *Calibration* menu).