

GPRS modem (FTI06011)

Software Installation Manual

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References

Falcom TANGO hardware description

http://www.falcom.de/uploads/media/tango-man_1_04.pdf

Introduction

The Installation manual provides instructions for installing, mounting and configuring the GPRS modem as used within FT NavVision®. The chapters and sections are organized in chronological order in which the specific components must be installed and configured (where applicable).

About the installation manual

The installation manual contains the following chapters:

- Chapter "Safety instructions" presents warning, caution and note information, which the user should pay attention to
- Chapter "Receiving, unpacking and checking" contains instructions on how to receive, unpack or check the modem
- Chapter "Installation and mounting" contains instructions on how to install and/or mount the modem
- Chapter "Technical specifications" contains an overview of the main features and technical data.

Abbreviations list

COM	Communication
GPRS	General Packet Radio Service
GSM	Global System for Mobile communications
RF	Radio Frequency
SIM	Subscriber Identity Module

Revision history

Revisions issued since publication.

Issue	Date	Revision	Reason
1.0	August 26, 2010		First release

Safety instructions

NOTE:

This section provides only a summary of the most important safety requirements and notes, which will be mentioned in the individual sections. To protect your health and prevent damage to the devices, it is essential to read and carefully follow the safety instructions.

The indications NOTE, CAUTION and WARNING have the following significance:

NOTE:

An operating procedure, practice or condition etc., which it is essential to emphasize.

CAUTION

An operating procedure, practise or condition etc., which, if not strictly observed, may damage or destroy equipment.

WARNING

An operating procedure, practise or condition etc., which, if not carefully observed may result in personal injury or loss of life.

Exposure to RF energy

There has been some public concern about possible health effects of using GSM or GSM/GPRS modem. Although research on health effects from RF energy has focused for many years on the current RF technology, scientists have begun research regarding newer radio technologies, such as GSM.

After existing research had been reviewed, and after compliance to all applicable safety standards had been tested, it has been concluded that the product is fit for use.

If you are concerned about exposure to RF energy there are things you can do to minimise exposure. Obviously, limiting the duration of your calls will reduce your exposure to RF energy. In addition, you can reduce RF exposure by operating your cellular modem efficiently by following the below guidelines.

Medical electronic equipment

Consult the manufacturer of any personal medical devices (such as pacemakers, hearing aids, etc...) to determine if they are adequately shielded from external RF energy.

Turn your modem OFF in health care facilities when any regulations posted in the area instruct you to do so. Hospitals or health care facilities may be using RF monitoring equipment.

1. Receiving, unpacking and checking

1.1 Procedure

NOTE:

Notify your sales representative if any of the items mentioned below are missing or damaged.

1. Remove transport casing
2. Visually inspect the respective parts
3. Check that all items are included in accordance with the delivery documents.
4. Check for transport damages.
In case of transport damage appropriate action must be taken against the latest carrier and the nearest certified dealer or representative should be informed.
5. Store the part in the original transport package in a dry and dust free place, if the unit is not to be installed immediately. Observe the environmental requirements stated in the specifications.

2. Getting started

2.1 Software requirements

- A valid SIM card
- Free compatible COM serial port
- Pentium 90 or higher
- System memory: At least 64MB
- Operating system: Windows® 95, 98/Me/2000/XP

2.2 Installation of modem

The instructions below describe how to use the modem with a PC running Windows XP. The screen images as shown may slightly differ from the actual situation.

1. On Windows XP, click the “START” button and then select “Printers and other hardware”.



Figure 2-1: Window “Control panel” > “Printers and other hardware”

2. Select “Phone and modem options”.

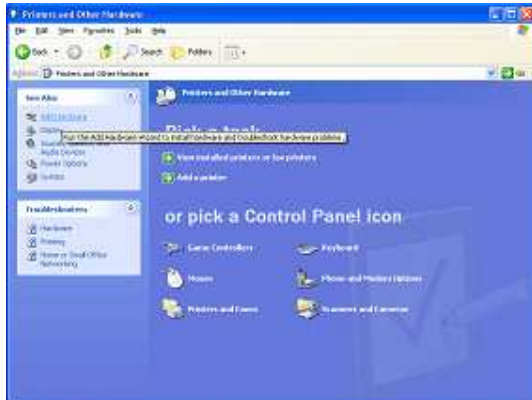


Figure 2-2: Window “Phone and modem options”

In case you have not entered your location earlier, you will now see a window where you are asked for your location-data. Fill the required fields with your data.

NOTE:

This window will not appear if you have already entered the location data before.

3. Click “OK”.



Figure 2-3: Window “Location information”

4. A new window appears, this is the control panel for phones and modems. Click on tab “Modems” to show the installed modems.



Figure 2-4: Window “Phone and modem options” > “New location”

5. Subsequently click “Add”.



Figure 2-5: Window “Phone and modem options” > “Modems”

6. In the window ‘Install new modem’, place a tack in the box saying “Don’t detect my modem, I will select it from a list”. Click “Next”.

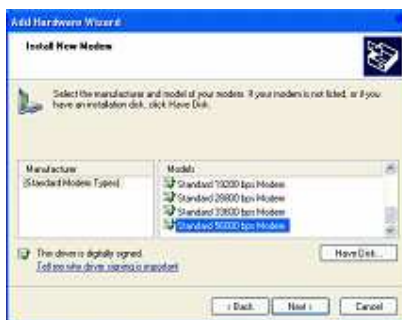


Figure 2-6: Window “Install new modem”

7. Click “Browse”.



Figure 2-7: Window “Install from disk”

8. From the CD-drive, select the file “fttango.inf” and click “Open”.
Next click “OK”.

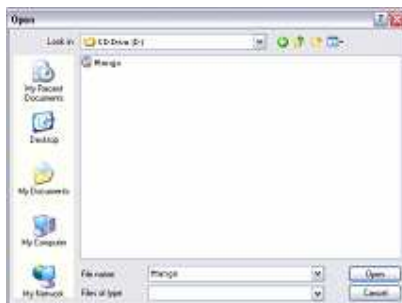


Figure 2-8: Window “Open” CD-drive

9. Select the “Free Technics TANGO modem” as modem-type, then press “Next”.



Figure 2-9: Window “Install new modem”

10. Choose the COM port number where the TANGO modem is connected to, then press “Next” button.

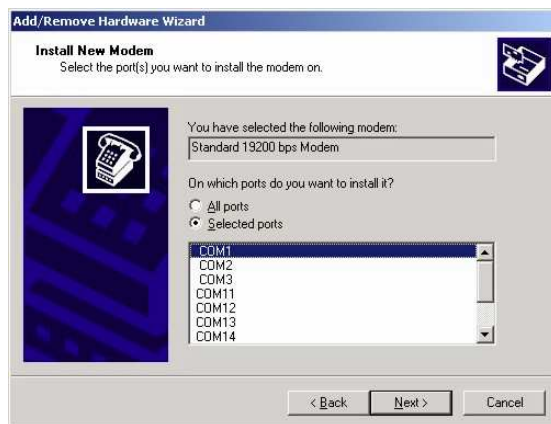


Figure 2-10: Window “Selected ports”

11. When you have done with the modem installation, click the “Properties” button from the modem panel.

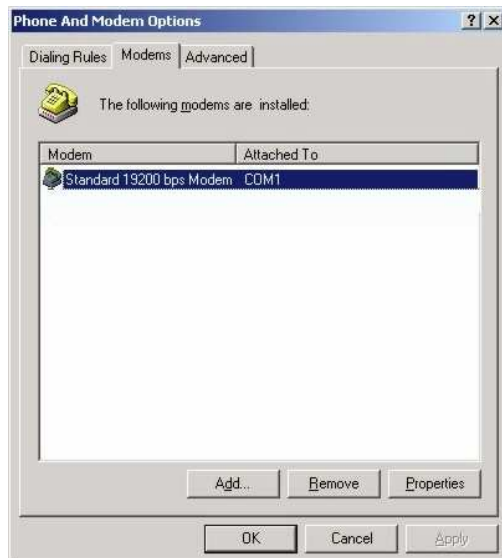


Figure 2-11: Installed modem

2.2.1 FT TANGO tool

FT TANGO tool must be installed by means of the FT NavVision® CD. A step-by-step wizard will guide you through the installation procedure. The FT TANGO tool is installed in the FT NavVision folder, and a shortcut is created on the desktop.

Start-up FT TANGO via the desktop shortcut or via the “START” menu. Select the country, provider and type in the pin code (if applicable), then press “Connect”.



Figure 2-12: FT TANGO start-up menu

In order to release the modem, the connection can be disabled via the FT TANGO screen. Press “Close connection” to disable the modem connection.

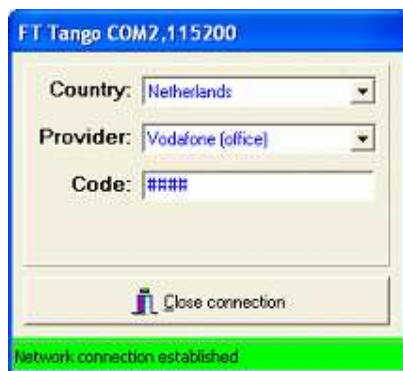


Figure 2-13: Close connection

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