Installing the 700 RF Terminal Utilities Software

The RF Terminal system ships with a CD of programs for use with the RF Terminal and Base station. The CD contains programs for the TriCoder and the RF Terminal. To install any of the programs found on the Utilities CD, follow the CD's instructions on how to use the Setup.EXE program located in the Users Manual for details on setup.

To install any of the programs found on the Utilities CD, please see the 700 RF Terminal Users Manual on the enclosed CD.

For complete setup information, please see the 700 RF Terminal Users Manual. The Utilities CD includes a CD-ROM drive and the installed ActiveX Manual. Help files for details on usage.

Running the demo programs...

The demo programs are all programs provided to help you test your RF Terminal with a two-way communication program.

Using the Windows 700 RF Terminal Loader Utility

The RF Terminal Loader program is a Windows application that allows you to download new RF Terminal firmware from Worth Data into your RF Terminal, Base or Relay. New firmware can be obtained on CD directly from Worth Data or downloaded via the Web.

See Appendix D: Firmware Updates in the Users Manual for details on how to use the EPROM Loader programs (Windows) and the installed ActiveX Manual. Help files for details on usage.
Components

The components in your RF Terminal system will vary according to the configuration of your system. Your RF Terminal shipment should contain at least:

1. An RF Terminal T701 or LT701 (unit includes keypad and display).
   - If the RF terminal is an LT701 model, it will have an integrated laser scanner built-in to the body of the terminal. Each terminal is shipped with a shoulder strap, boot, and Setup Menu.

2. An optional Scanner – if you ordered T701 models instead of LT701 models with the built-in laser scanner.


If Base Stations were ordered with your system, you should receive at least:

1. A Base Station (B551) including a 5V power adapter for each. A Serial Cable (F34 or F36) if a Base Station.
2. A Relay Test Cable and junction connector block if ordering bases as Relay Stations.

Keep the shipping box for the RF Terminal in the event it is necessary to return equipment for repair later.

Installation Sequence

1. Start with one Terminal and Base Station. Get everything working with the single terminal and base and then add other terminals, being certain that all terminals have unique Terminal IDs and Base IDs.
2. All equipment is shipped with the default settings of Channel 0, Terminal ID 0, and Relay ID 0. Unless you have other Terminal/Base configurations already operating on that channel, you probably don’t need to change the channel. If you have more than one Terminal/Base combination, make sure your setup is correct.

Recharging the Batteries

1. Be sure you have specified rechargeable batteries in the RF Terminal’s Setup. If you ordered NiMH rechargeable batteries with your RF Terminal, Worth Data makes the change before shipping. See Battery in the RF Setup.
   - With the RF Terminal shut off, plug the F15 9V power adapter into the RF Terminal.
   - When the RF Terminal is turned on, the firmware checks the battery level and displays the following messages:
     - Checking Batteries
     - Please Wait

2. If the batteries are already charged, the message will disappear. If the batteries need charging, the following message is displayed:
   - Charging Batteries
   - Please Wait

3. The firmware in the RF Terminal then checks the level of charge in the batteries. If they need charging, displaying the following message:
   - Batteries need charging. The following message is displayed:
   - Please Wait

4. If the batteries are already charged, the message will disappear. If the batteries need charging, displaying the following message:
   - Charging Batteries
   - Please Wait

5. If the batteries are already charged, the message will disappear. If the batteries need charging, displaying the following message:
   - Charging Batteries
   - Please Wait

6. Now run one of the demo programs to validate that everything is working. If you have problems, refer to the Trouble Shooting section.

Utilities CD-ROM

1. Now run one of the RF Terminal demo programs found on the Utilities CD-ROM. See Chapter 4 in the User's Manual.
   - Start with Base Station setup and then move on to RF Terminal setup.
   - Windows: Double-click the icon on the desktop. On Mac, double-click the Utilities CD-ROM.

2. Now connect the Base Station to the computer’s serial port. Be sure to turn OFF all handshaking on the COM port used. In Windows, go to Start Menu, Settings, Control Panel, Communications, and select the COM port. In Mac, go to System Preferences, and select the COM port.

Lithium CD – Demo Programs, DLL, Firmware Loader, User’s Manual

1. Optional rechargeable batteries and a 9V power supply.

LT701 Models

1. LT701 models are shipped with the body of the terminal. Each terminal is shipped with a shoulder strap and a setup menu.

2. An optional Scanner – if you ordered the LT701 models instead of the LT701a models, you should receive a Scanner in addition to the LT701. See Appendix A for details.

3. A Base and a Relay are the same product. A jumper change is all that is needed to change the channel. If you have more than one Base/Relay combination, make sure your setup is correct.

4. All equipment is shipped with the default settings of Channel 0, Terminal ID 0, and Relay ID 0. Unless you have other Base/Relay configurations already operating on that channel, you probably don’t need to change the channel.