

Installing the 700 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, simply insert the CD into your CDRROM drive. The install program should start automatically. If it does not, simply run the SETUP.EXE program found on the CD. Click on the RF Terminal button. Next you have the choice of installing the following:

Windows Demo Programs and RF DLL Programmers Library

- Demo Programs in VB, Access, and Delphi
- 16 bit and 32 bit DLLs
- VB DLL-based QL3 printer demo program

Windows 700 RF Base Serial Configuration Utility

ActiveX Tools

- Serial Interface (includes Excel and VB demos)
- TCP/IP (includes VB/Access and Delphi demos)

Windows 700 RF Terminal Firmware Loader Program

DOS/BASIC source demo programs (requires GWBasic or QBasic)

700 RF Terminal Users Manual

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 R/F 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 Upgrades in the Users Manual for details on how to use the EPROM Loader programs (Windows) and the installed ActiveX Manual help file for details on usage.

For complete setup information, please see the 700 RF Terminal Users Manual available in PDF format on the enclosed CD.

700 RF Terminal



700 Series RF Terminal System

QuickStart and Installation Guide



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:

- 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.
- An optional Scanner – if you ordered the T701 models instead of the LT701 models with the built-in laser scanner.
- Optional rechargeable batteries and a 9v power supply.
- Utilities CD – demo programs, DLL, firmware loader, Users Manual

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

- A Base Station (B551) including a 5v power adapter for each.
- A Serial Cable (F34 or F36) if a Base Station.
- 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. After all terminals are working, add the first relay. Then add remaining relays, remembering to: 1) assign Relay IDs, and 2) set the jumpers of each relay to terminated or not terminated properly.

2. All equipment is shipped with the default setting 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.

3. A Base and a Relay are the same product. A jumper change is all that

is required to use a Base station as a Relay. See Appendix A in the Users Manual for details.

4. Without attaching the Base Station to the computer, and with only the power supply plugged in the base, you can perform a site test to be sure you have adequate coverage and the radios are working perfectly. (See Chapter 4 in the Users Manual).

5. 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, System, Device Manager, Ports (COM and LPT). Now run one of the RF Terminal demo programs found on the Utilities CD-ROM.

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

Recharging the Batteries

1. Be sure you have specified rechargeable batteries in the RF Terminal's Setup. If you ordered NiMH rechargeable batteries with a RF Terminal, Worth Data makes the change before shipping. See Battery in the RF Setup.

2. With the RF Terminal shut off, plug the F15 9V power adapter into the RF Terminal.

3. The firmware in the terminal then checks the level of charge in the batteries to see if they need charging, displaying the following message:

Checking Batteries

Please Wait.....

4. If the batteries are already charged, the message will disappear. If the batteries need charging, the following message is displayed:

Charging Batteries

Please Wait.....