

Installing the 7000 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 RF Terminal & Base Station. To install any of the programs found on the Utilities CD, simply insert the CD into your CD-ROM drive. The install program should start automatically. If it does not, simply run the SETUP.EXE program found on the CD. Click on the 7000 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 7000 RF Base Serial Configuration Utility

ActiveX Tools

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

Windows 7000 RF Terminal Firmware Loader Program

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

7000 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 7000 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 7000 RF Terminal, & B5001 Base Station or Relay. New firmware can be obtained on CD directly from Worth Data or downloaded via the Web at www.barcodehq.com/downloads.html

See **Appendix D**; Firmware Upgrades in the Users Manual for details on how to use the EPROM Loader programs for Windows®.

For complete setup & programming information, please see the 7000 RF Terminal Users Manual available in PDF format on the enclosed Utilities CD-ROM, or download from our website:
www.barcodehq.com/downloads.html

7000 RF Terminal



7000 Series RF Terminal System

QuickStart and Installation Guide

FCC ID: JWSLT7001
CANADA: 4724A-LT7001

Warning: This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instruction manual, it may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user, at his own expense, will be required to take whatever measures may be required to correct the interference.

PROPOSITION 65 WARNING: This product, its packaging, and/or components may contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

This information applies only to products within this manual that are laser scanners.



Full Users Manual available on the Utilities CD-ROM in PDF format. You can also download the Manual and Setup Menus at <http://www.barcodehq.com/downloads.html>



Components

The components in your 7000 RF Terminal system will vary according to the configuration of your system. Your RF Terminal shipment should contain at least:

- An RF Terminal - LT7001 or LT7001H
If the RF Terminal is an LT7001 or LT7001H model it will have an Integrated laser scanner built-in. The LT7001H will include a ergonomic handle with a trigger.
- F10 5V Power Supply for recharging
- C23 Power Supply I/O Charging Adapter Cable
- C22 USB I/O Cable - For Charging & updates
- Adjustable Shoulder Strap
- Utilities CD-ROM Firmware Loader, Users Manual, Demos, ActiveX Tools, and DLL files

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

- A B5001 Base Station
- F10 5V power adapter (1 for each Base Station or Relay)
- A Serial Cable (F34 or F36) for the Base Station
- A Relay Test Cable and junction connector block if ordering bases as Relay Stations

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, or your application software, to validate that everything is working. If you have problems, refer to the Trouble Shooting section of the Users Manual.

Before Using the LT7001, LT7001H

1. The LT7001 & LT7001H come with internal rechargeable Li-ion battery(s). You will need to fully charge the batteries before use. The LT7001 includes one battery, while the LT7001H has 2 batteries.
2. With the RF Terminal shut off, plug the F10 5V power supply, with the C23 adapter attached, into the I/O port of the RF Terminal.
3. The firmware in the RF Terminal then checks the level of charge in the batteries to see if they need charging, you will see the following:



Charging Batteries
Please Wait.....

4. Once the batteries are fully charged, the message will change to the following:



Battery Charging Complete