

Special Instructions for Wireless iConnection

Scanning Devices Thermchron System using Wireless iConnection requires some additional navigation and setup to establish a connection with iButtons. Once a Bluetooth link has been established, reading and writing iButtons is no different than with a directly attached reader.

1. First, make an initial connection to setup your Wireless iConnection

You have to be connected to access the Wireless iConnection. If you are not connected, you will see a "Connect" button on the Handheld's opening screen.

To Connect - Make sure your Wireless iConnection is powered on and ready by pushing the button on the mini panel. The Green light on the mini-panel will be on when ready to connect. Tap "Connect" to open the discovery screen.

Tap "Discover" to begin the process of locating Bluetooth Devices. Devices within range will be listed. Highlight your Wireless iConnection and Tap Connect. Once connected the opening screen returns with the "Disconnect" button displayed, the signal that you are connected. Once connected, you can read and write iButton data over the wireless link just as if the iButton was attached directly. See the Palm User's Guide for advice.



2. But before launching into reading and writing, set up your Bluetooth Connection

You can assign or edit Bluetooth Link parameters from the ThermoChron opening screen on your handheld if you are connected. From the opening screen, tap the Menu icon to display the setup menu. You should see the following choices:

Menu Choices

- Reader Info - shows the reader name, model, serial number and software version.
- Battery Status - displays the current battery charge, full/low/empty status, current draw and temperature.
- Assign Name - opens a facility to assign or edit a familiar name.
- Timeout - sets the timeout period for perserving battery life.

Select a Timeout Period

Remember the iConnection is powered by a rechargeable battery, so you have to be sensitive to battery life and usage. The iConnection monitors Bluetooth traffic activity. If there is no activity for a specified time period, the Timeout Period, the iConnection turns itself off to preserve battery time. (You can turn it on again by pushing the button on the mini-panel.) You can set your timeout period to reflect the type of usage you expect in a range from 1 to 8 minutes. Once set, the setting remains until changes.



While you are running the ThermoChron Application on your handheld, the handheld will not go to sleep in order to keep the Bluetooth Link established. So you should be sensitive to the handheld battery as well.

If the iConnection times out and turns itself off, the Bluetooth Link is broken. You will need to reconnect. Exit the application and restart to display the Connect button. Turn the iConnection on and reconnect.

Familiar Name

Give your iConnection a Name so that you can recognize it during a Bluetooth Discovery. All iConnections have a unique serial number, but it is hard to remember all 16 digits. So give it a familiar name. The iConnection's familiar name can be up to 16 characters long. You may edit it and then tap Write to send it to the iConnection. The name you assign will be displayed during the connection process so you can be sure you are connecting to the device you expect.

Monitor Battery Status

Watch the Full/Low/Empty checkboxes to avoid running out of charge. Use the plug-in recharger regularly. We suggest keeping the Wireless iConnection plugged into the charger when not in use. The integrated charge control will keep the battery fully charged as long as you keep it plugged in.

Display Reader Information

This menu item shows the reader name, model, serial number and software version. This display is handy to confirm that the Bluetooth link and the Wireless iConnection are both working properly.