

WTP-100 Wireless Link

Components

- "Host" Wireless Transceiver Module with USB connector
- "Remote" Wireless Transceiver Module with 9-pin connector
- Battery Cable and AC Power Adapter (either can be used to power the Remote Module)

Instructions

1. If using the XR440 Data Logger:
The XR440's baud rate must be changed to 9600 as follows: Connect the XR440 to your computer, launch Pocket Logger Software, select Settings, set baud to 9600, click OK, and then select Send | Set XR440 Baud Rate.

If using an XR5 Data Logger proceed to step 2.

2. Insert the Host Module into a USB Port on your computer.
3. Connect Remote Module to Pace IC209 Interface Cable (other end of Interface Cable connects to Pace Data Logger).
4. Power the Remote Module via the AC Adapter or the Battery Cable connected to a 9V battery or battery pack (a battery pack is not included with the WTP-100, see next page for additional details).
5. Yellow light on Remote Module should glow steady once the Host and Remote modules automatically "link" together.
6. If using a Pace XR440 Data Logger:
On your computer, click Start | Control Panel | System | Hardware tab (Win XP only) | Device Manager and click the + sign besides Ports. The assigned COM port # will be listed as USB Serial Port (COMxx) where xx is the Port number. In Pocket Logger Software, click Settings and then click this Port number.

If using a Pace XR5 Data Logger:

LogXR Software automatically recognizes the serial port that the operating system has assigned to the Host Module.

7. Communications with the connected Pace Data Logger will now function the same as if the Data Logger was connected to your computer via a hardwired cable (Pace IC209 Interface Cable).

Powering the Remote Module with the included battery cable.

The Battery Cable can be used to power the Remote Module in place of the AC Power Adapter. The battery cable connects to a 9V battery or a compatible battery pack. Three sizes of battery holders are available from Pace (AA, C or D size cells). Weatherproof cases available from Pace house data logger (XR440 or XR5), WTP-100 Remote Module, and battery pack (see table below).

Weatherproof Cases for battery powered WTP-100 and Pace Data Logger			
Part # (for XR440)	Part # (for XR5)	Battery Size	Estimated battery life *
EC24-BLK-BP	EC24-BLK-BP	Four AA cells	50 hrs
EC24-YEL-BP	EC24-YEL-BP	Four AA cells	50 hrs
EC44-BP	EC45-BP	Four C cells	125 hrs
EC506-BP	EC55-BP	Four D cells	250 hrs

* Total hours WTP-100 is actively linked and transmitting data (the data logger software's real time display mode is active).

Note:

A 9V battery can also power the WTP-100. Estimated battery life is 9 hours with a typical 9V alkaline battery, and 20 hours with an Ultralife 9V Lithium battery.

***** For Reference Only *****

Remote Module DIP Switch settings:

Position Remote Module with 9 pin connector on right.

Switch 1 is at bottom, switch 4 is at top

Switch to Left = ON, Switch to Right = OFF

Switch 4 ON
Switch 3 OFF
Switch 2 OFF
Switch 1 OFF

Questions or comments: Contact Pace Scientific at 704-799-0688 or email support@pace-sci.com