

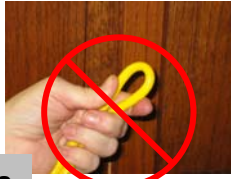
Quick Reference

WL15 Level Logger

Pressure Transducer, Data Logger and Palm Pilot with customized software for both PalmOS and Windows. Records Level, Flow, and Pressure at regular intervals.

Basic Setup & Operation:

- Ensure that the cable is handled & stored with large loops and NOT KINKED (which blocks the barometric compensation tube).



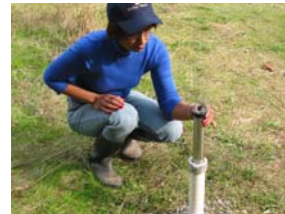
Big Loops, No Kinks



Cable Too Long?

Refer to operations manual or website for tips on how to safely cope with extra cable.

- The Data Logger intentionally fits into 2-inch PVC pipe. If the well casing is larger, simply use a reducer to accommodate a short section of 2-inch pipe to house the Data Logger. A locking, protective metal Well Cap is optionally available.



- It is not necessary to locate the sensor at the well's bottom – merely below the lowest likely water level.
- Avoid error & cable entanglements by installing sensor **at least 10 ft above the well pump.**

A Note on Battery Life:

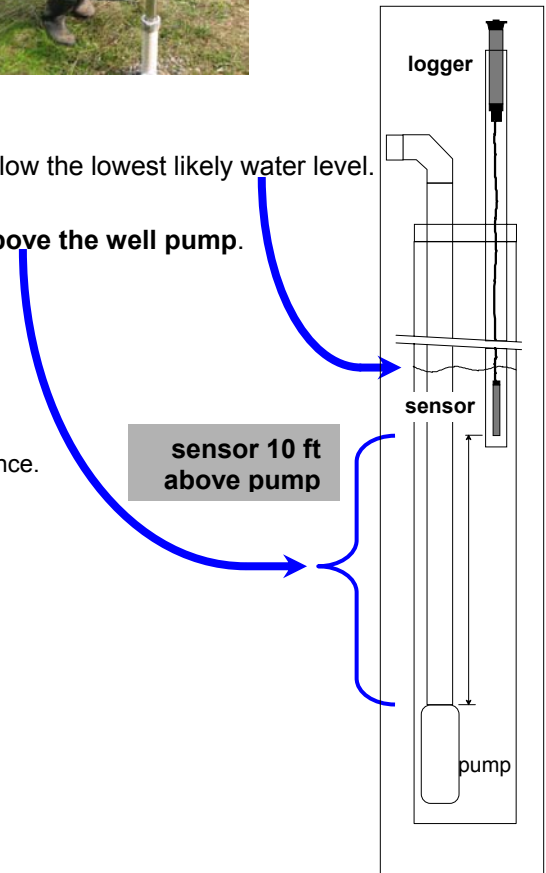
Although the 9-volt battery in the Logger will last months when in normal use, the connection to computer or Palm to collect readings is highly draining. Limit the length of data collection sessions so that battery life is conserved. We HIGHLY recommend the use of Lithium batteries for their improved performance. Consider your timing of battery changes to maximize Logger performance.

Open-Channel Installations:

- Keep debris, silt or mud away from sensor (eg: Open Channel installations) by housing sensor in **perforated conduit** or wellscreen.



- **Use Long-Sweep Elbows** (PVC conduit fittings) to ease cable deployment through conduit for riverbank monitoring of flow / level in open channels.



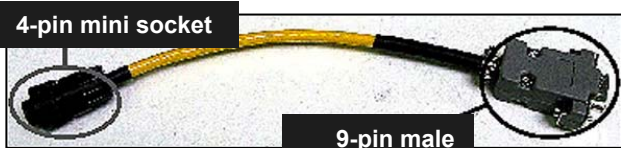
WL15 Level Logger (cont'd)

Communications Connections

- Note the different cable connections used to enable communications between your Global Level Logger and the Palm handheld. The Palm may be connected to either the HotSync Cradle or Cable, depending on convenience in the office, lab or field. Ensure that each connection is secure.



- Connect short adaptor cable to WL15's COM port
- Connect 9-pin male serial socket of short adaptor cable to HotSync Cable (or Cradle).
- Connect HotSync cable to the Palm handheld (or place Palm in its Cradle).



Palm Operation Basics

- Turn on power of Palm handheld and find the **Logger icon** to launch the Global Logger Software (found on Home screen).



- From the Control Screen, tap **"Get History Data"** to display the accumulated readings. These readings may be saved to a database within the Palm, or kept in the Logger's memory or deleted.

Please see Operator's Manual for more detailed configuration and operating instructions.

Also:

- Overly-frequent archiving of data causes rapid depletion of battery life in the Data Logger.
- If performing a Continuous Data Check, limit session to ONE MINUTE ONLY. (This data is NOT saved.)
- If the Palm's battery drains completely (or is not replaced within 15 sec of removal), the Global Logger software (and all data files) will be lost & must be re-installed.