SG-Ultra Max Data Logger Operation Manual

Data Logger Operation

Turning the Data Logger On and Off

- Press the “ON” button, after a self-test, the module LED’s will display string contents and string “A” will be selected.
- The data logger can be reset by a short push of the “ON” button.
- The data logger can be manually turned OFF by a long push of the “ON” button.
- The data logger will automatically turn OFF after 4 minutes of inactivity.

LED Indications

- Off, the string is empty and not selected.
- On (solid), the string contains stored data but is not selected.
- Slow blink, the string is empty and selected.
- Fast blink, the string contains stored data and is selected.

Selecting a Particular String

- Press the “SEL/DEL” key once to scroll down to the next string

CAUTION pressing the “SEL/DEL” key during the self-test will erase ALL stored data.

Erasing All Stored Data in the Data Logger

• Press the ON button. While all the red LED’s (A-H) are lit, press and hold the “SEL/DEL” button for approximately 8 seconds while the red LED’s turn off one at a time scrolling backwards from H to A. Then release the “SEL/DEL” button and wait for the red LED to scroll forward from A to H. Stored data will have been erased once this sequence is complete.

Data Transfer

Transferring Data from the SG-ULTRA MAX to the Data Logger

- Turn on the data logger and SG-ULTRA MAX.
- Select the string on the data logger for which you want the desired data to be transferred.
- Line up the IR windows of the SG-ULTRA MAX and Data logger.
- Use the “EXPORT ALL” function to initiate the data transfer by pushing the following buttons on the SG-ULTRA MAX in sequence: (“Menu” – “OK” – “Export” – “OK”)

Transferring Data from the Data Logger to a PC, I/R Printer, PDA or Battery Tester

- Connect the data logger to the PC or desired location/device with the supplied RS-232 cable.
- Turn on the data logger.
- Select the desired data string on the data logger.
- Start the downloading procedure from the
- PC software.
- Refer to the instruction manual for I/R receiving device transfer.

Dedicated IR PC Mode

To improve IRDA reliability during IR transfer from the data logger to a PC or PDA (via IR) you may wish to enter dedicated IR PC transfer mode.

- To enter this mode, push and hold the “SEL/DEL” button prior to pushing the “ON” button. Then, release the “SEL/DEL” button when all the red LED’s (A-H) are lit.
- Dedicated IR PC mode is signified by ALL LED’s periodically flashing.
- During dedicated IR PC mode the data logger will NOT accept data from the SG-ULTRA MAX.
- To EXIT dedicated IR PC mode, reset the unit by pushing the “ON” button.