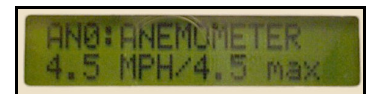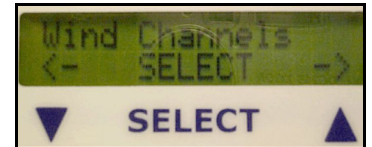# QUICK START for the 200-WS-25 Wind Logger

1. **Mount the WS-02F Wind Speed & Direction Sensor** on a vertical mast or tripod. Route the 40-foot cable to the WS-25 Junction Box through the PVC conduit.

2. **Align the wind direction sensor to North** (refer to the WS-02F manual if needed) and **connect the sensor cable** to the 6-pin terminal strip inside the junction box. See the included drawing for connections.

3. **Connect the Red (+) lead to the +12V battery terminal** ■. This acts as the ON/OFF switch for the logger.

4. The system will operate for about **10 days on a fully charged battery**. To charge the battery, connect the battery charger into the 2-pin inline connector, then plug the charger into an AC power outlet (100~240Vac). Use an outdoor-rated extension cord, if required. **-or-** Connect the optional solar panel charger into the 2-pin plug and align for max sun exposure. Note: The logger will be on and operating during charging.

5. The logger display should come up Wind Channels <- select ->

6. Press the **Select Button** and you will see the AN0 Wind Speed screen [4.5 MPH (or 2.2 M/S)/4.5 max is the current wind speed and maximum for the 1 min logging period, typical values]
Press the up ▲ **Button** 3 times to scroll to the Wind Direction screen [this reading is the current wind direction 292° (W), typical value]

7. Check and verify the **Date and Time** by pressing the up ▲ **Button** until the date and time screen shows. Refer to the main manual if you need to set or change the date, time, or logging interval.

8. **Insert the SD™ Memory Card** into the memory card slot to start recording. To insert the SD™ card, place it face up into the slot on the front panel and press inward until the card clicks into place. To remove the SD™ card, press it slightly inward and the card will release.

The WS-25 is normally set-up prior to shipping with the following settings:
- A. Date and time of the shipping location (if known).
- B. One minute (60 second) logging interval.
- C. Unused channels are not logged.
- D. Default units for wind speed is MPH for US locations, M/S for other countries.

You are now connected to the WS-25 and logging data to the memory card. Data is stored in a text file in CSV format (comma separated values). A new file will be created at the end of each day, named by year, month, and day (e.g. 20170415.csv = April 15, 2017).

To view the stored data, remove the memory card from the logger and insert it into the USB memory card reader. The card reader can then be plugged into a USB port on your computer.

SAMPLE OF DATA STORED ON MEMORY CARD

Date and Time,	Speed ,	Gust	Spd count ,,,,,	Direction	Batt Voltage ,	ck sum
2017-04-15 11:35:15,	4.6,	6.8,	95,,,,,,,,,,,	275,	13.04,,,,,,,,,	218
2017-04-15 11:36:15,	5.0,	7.6,	157,,,,,,,,,,	274,	13.04,,,,,,,,	52
2017-04-15 11:37:15,	5.8,	6.8,	162,,,,,,,,,,	273,	13.04,,,,,,,,	18

*Note: The system as been setup for your sensors and units. **Do NOT select "Restore Defaults"**. Refer to the wind data logger manual for more detailed/advanced information.*   Rev. Oct 2017