

Skymate Operation Instructions

1) OPEN

Open the case and click into fully opened position **OR**; if using a tripod, click to the 90 degree angle position.

2) CHANGING THE UNITS OF MEASURE

BEFORE turning your unit on, use the MODE button on the right to set your choice of wind speed and temperature units of measurement. Your choices are **KNT** (knots), **FPM** (feet/minute), **MPH** (mile/hour), **MS** (meters/second), **KPH** (kilometers/hour), **BEAUFORT**, for wind speed, and Fahrenheit (F) or Centigrade (C) to measure temperature.

NOTE

Once you set the unit of measurement that you want, that will be the new default setting and you will not need to re-set your preferences again, unless the battery is removed.

3) USING YOUR SKYMATE

A.. TURNING ON

Turn on the unit with the **LEFT** button.

B. MODES

Then use the **RIGHT** button to scroll through displayed modes:

Current

MAX (maximum)

AVG (13 second average)

AVG5 (5 second average)

AVG10 (10 second average)

WCI (windchill).

B. Point the Skymate into the wind or airflow.

NOTE

The temperature will display constantly while the unit is on.

C. If you want to maintain a reading, **press and hold** the **LEFT** button. The Skymate will hold the measurement until you release the button.

D. TURNING OFF

Use the **LEFT** button to turn your Skymate off. This unit does have an automatic shut off after approximately 20 minutes.

CAUTION: The Skymate is very accurate at low and mid-range air speeds. Consistent use at very high wind speeds will damage the impeller's bearing and reduce the over-all accuracy. We advise that you **DO NOT** use this instrument while driving in a vehicle, i.e. placing the wind meter outside of the window while driving.

6) REPLACING THE IMPELLER

To replace the impeller, use a small screwdriver to loosen the set-screw found on the back of the windmeter. Then remove the impeller by twisting the impeller assembly clockwise (if you are facing the back of the windmeter) to the "O" position marked on the rear of the meter. Install a new impeller by following these instructions in reverse.

7) REPLACING THE BATTERY

If the display contrast becomes weak and difficult to read, it is time to replace the battery.

To replace the battery, turn the battery compartment cover in a clockwise direction to remove it. The battery will be visible in the battery compartment.

NOTE

Be sure to observe the position of the battery and replace with a new CR2032 Lithium Battery in the same position. Average battery life is 400 hours.

8) WARRANTY INFO.

Your Skymate comes with a limited one-year warranty. If you must return your unit for warranty service, or require technical assistance please contact Speedtech **prior** to shipping at 703-759-0511 or info@speedtech.com to obtain the proper return instructions.