

ADVANTAGE

Model ADV8001 MULTI-FUNCTION DIGITAL COMPASS

Specifications

Compass Accuracy: $\pm 5^\circ$

Differential Rate: 1°

Working Temperature Range: $-20^\circ - 79^\circ \text{ C}$

Battery: CR2025

LCD Display

Functions

Compass

Thermometer

Calendar & Clock (24-hour format)

Stopwatch



Features:

A Button: EL backlight/adjusting/Switch On/Switch Off

B Button: Toggle between compass, thermometer, screensaver/Compass adjustment

C Button: Adjusting/Switch On/Switch Off/Compass Regulation

D Button: Toggle between date/time/calendar/stopwatch

Operation:

Press and hold A button with C button for over 5 seconds; compass will beep, and instrument turns on or off.

1. Press and hold A button to operate the backlight.
2. Press B button to toggle between compass/thermometer/screensaver function.
 - A. When the screen flashes "CMP", it enters the compass function. The arrow (3 pinpoints together) always points to NORTH. The letters displayed in the screen indicate the direction of vertical front. The degree indicates the angle from NORTH to the vertical front.
 - B. When the screen flashes "TMP" it enters the thermometer function. The current ambient temperature is displayed.
 - C. When the screen flashes "SCR" it enters the screensaver function. Use the A and C buttons to set the amount of minutes (from 10 to 50) that you wish the current readings to be displayed.
3. Press the D button to toggle between the time (indicated by "MON" or other day of the week)/calendar (indicated by "DAY") stop watch (indicated by "STP") mode.
 - A. Setting: Use the D button to toggle to the clock function. Use the A button (set up) and C button (set down) to set the week/date/time. Press D button to confirm after each setting.
 - B. When using the stopwatch function press C button to start and stop the watch.
4. Press D button to return to timing status.

COMPASS ADJUSTMENT

The following situations necessitate a compass adjustment:

1. Each time the batteries are changed, or removed and replaced.
2. If it is found that the Point-to-North arrow is not accurate by more than 20°.

Adjustment:

Press and hold B button with C button for over 2 seconds. The screen will indicate "CMP". The screen begins to keep time from 00-59 seconds. Place the compass on a flat, horizontal surface. Slowly rotate the compass an entire 360° within 60 seconds, as evenly as possible. The more evenly and slowly (but no less than 6° per second) this procedure is performed, the more accurate the compass function will be.

Warranty:

Six months manufacturer's warranty

Battery charge:

When the screen display turns faint or disappears, use a screwdriver to open the outer case, change the batteries, close the case, and reinsert the screws.

Precautions:

Keep away from moisture

Place horizontally when using the compass function.

Avoid corrosion.

Use within operating temperature range.