

# Car Thermometer & Voltage Monitor with Ice Alert



## Features:

- Includes: clock, car battery condition & thermometer
- Displays day, date, hour and seconds simultaneously as 12 or 24 hour clock
- Indoor & Outside Temperature display in °C or °F (1° increments)
- Temperature sampling every 20 seconds for greater accuracy
- Audible alarm with snooze function for time and temperature
- High visibility LCD display
- LED blue back-light (full display with back-light on vehicle power, time only (no backlight) on back-up battery)
- Ice Alarm. In time display mode, press and hold degrees button for 2 seconds to activate.
- External power supply connects directly to vehicle electrical system
- Back-up internal battery (not included)
- Battery voltage indicator: 12V
- Convenient graphic display for monitoring vehicle electrical system
- Mounting adhesive for versatile positioning
- English Instructions

## Specifications:

- Temperature Range: -50°C ~ 70°C
- Temperature Resolution: 1°C
- Accuracy: ±1.0°C
- Dimensions: 109mm x 59mm x 40mm
- Voltage: DC 12 volts

## Button functions:

**TIME:** Switches between time and date. Press for 2 seconds to set the time.

**ALM:** Displays the alarm time. Press for 2 seconds to set the alarm.

**SNZ:** Snooze

**UP:** Increases time in time setting mode. Switches between seconds & day when in time display mode. Turns alarm on & off in alarm mode.

**DOWN / °C/°F:** Decreases time in time setting mode. Switches between °C & °F when in time display mode. Press for 2 seconds to turn ice alert on & off when in time display mode.

## Instructions:

### Initial power-on

Time: January 1, 2007 PM12: 00 00

Alarm: AM12: 00, alarm off;

Temperature in degrees Celsius

Calendar function

### Time setting

Press and hold TIME button for 2 seconds to enter time setting mode. This allows setting of 12/24 hour clock, hours, minutes, seconds, year, month & day by using the up & down buttons. It will automatically exit the setting screen after 1 minute of button inactivity.

Time / date display switching:

In display mode, press the TIME button to switch between time and date.

In display mode, press the UP button to switch the display sec / day.

### Alarm setting

In the alarm mode, hold down the ALM button for 2 seconds to enter setting mode: Hours & minutes can be set by using the up & down buttons.

Alarm on / off: In the alarm mode, press the UP button to switch the alarm on & off.

In alarm mode after 8 seconds with no buttons activity it will return to clock display mode.

Alarm time is 30 seconds and the alarm symbol will flash.

### Snooze function

When the alarm activates, press any button (except SNZ) to terminate the alarm.

When the alarm is sounding, press the SNZ button to enter the snooze mode for 5 minutes















When in Snooze mode, the snooze symbol will flash.

### Ice warning alarm

In the time display mode, press and hold °C / °F button for 2 seconds to turn the Ice alarm on & off.

When the Ice warning function is activated, and the temperature is -1°C ~ -4°C, the alarm will be activated within 30 seconds, marked by flashes.

### Car battery voltage indicator

Voltage	Icon	Indication
Below 9V	 / 	Full discharge
9.1~11.5V	 / 	low
11.6~11.9V	 / 	low
12.0~12.4V	 / 	normal
12.5~12.9V	 / 	high
13.0~15.9V	 / 	adequate
16V	 / 	Excess voltage