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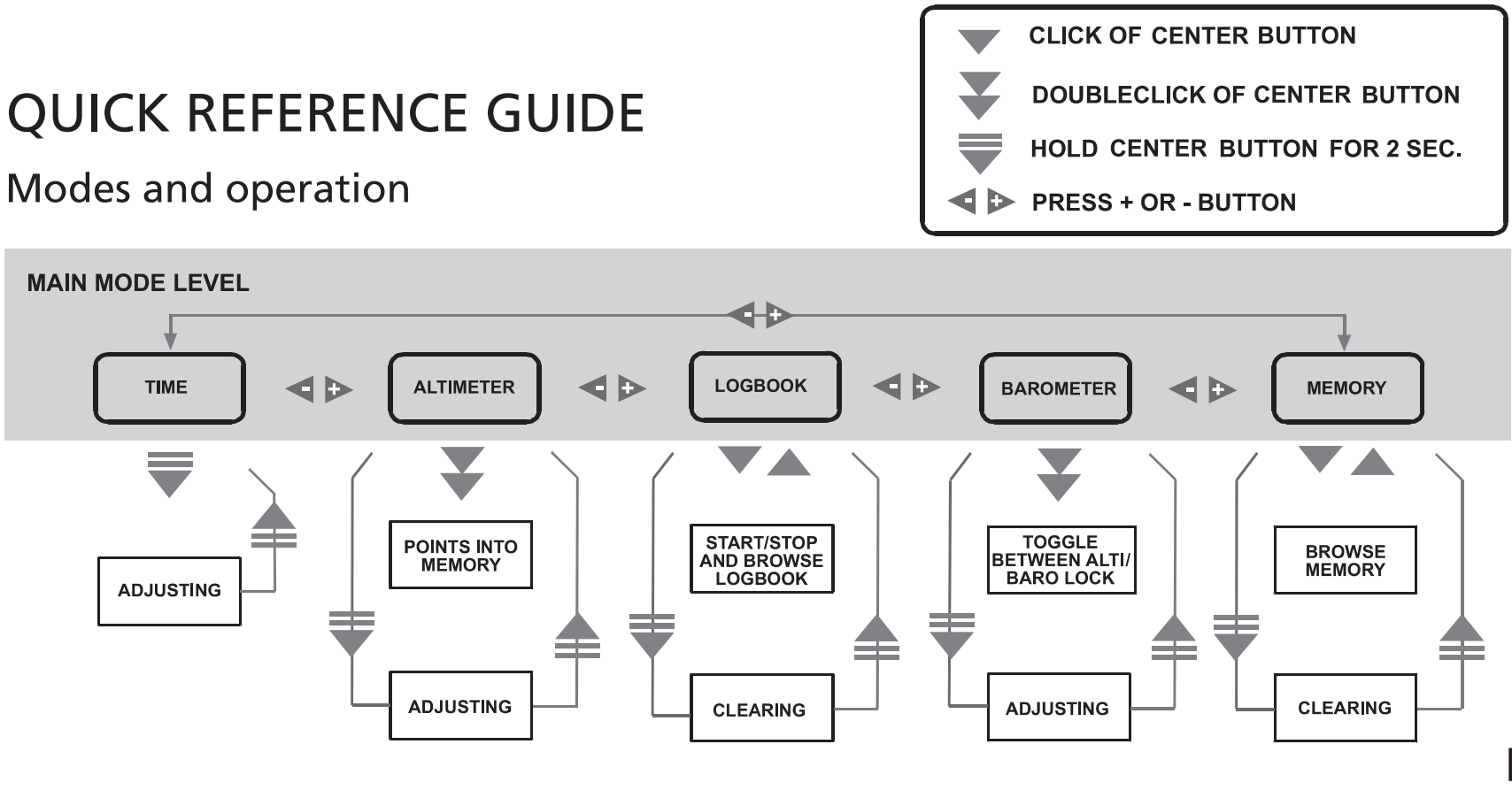
SUUNTO
Escape203

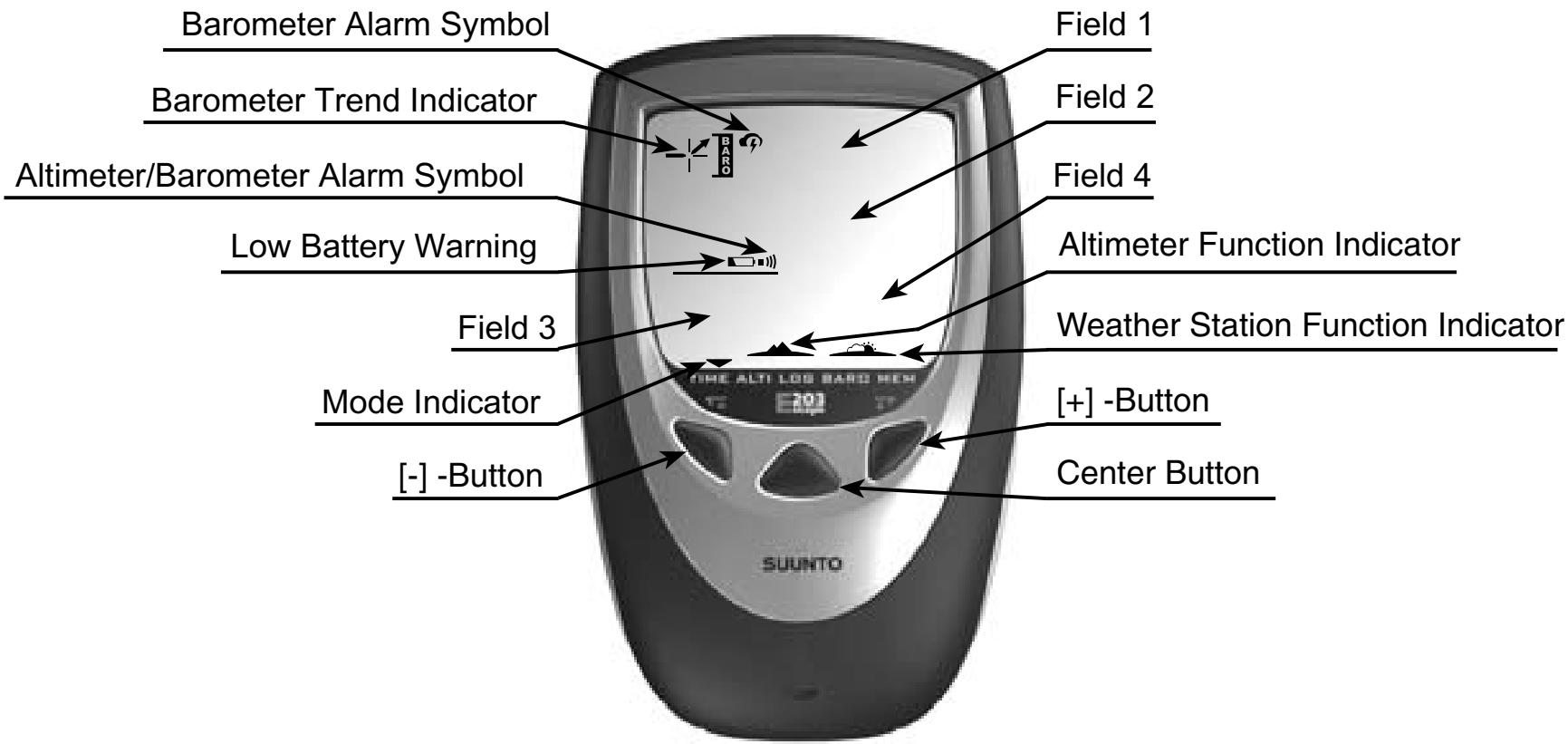
USER'S GUIDE

SUUNTO

QUICK REFERENCE GUIDE

Modes and operation




Barometer Alarm Symbol
Barometer Trend Indicator
Altimeter/Barometer Alarm Symbol
Low Battery Warning
Field 3
Mode Indicator
[-] -Button
Field 1
Field 2
Field 4
Altimeter Function Indicator
Weather Station Function Indicator
[+] -Button
Center Button
BARO
TIME ALTI LOG BARO MEM
SUUNTO

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Congratulations on your newly purchased Escape203 Electronic Altimeter. The hand-held electronic altimeter-barometer is an ideal instrument for outdoor enthusiasts.

With this product, you will find a Warranty card, this User's Guide, and a full service support team to give you the results you need anytime, anywhere, quickly and professionally. You can Find the User's Guide in English, French, German, Spanish, Finnish and Swedish at www.suunto.com.

We wish you many safe trips to new heights with your new Escape203 Electronic Altimeter.

1. INTRODUCTION

1.1. GENERAL INFORMATION

The Escape203 Electronic Altimeter is designed for the outdoor enthusiast combining state-of-the-art technology with practical altimeter-barometer functions.

The Escape203 hand-held device, light and ergonomically comfortable, weighs approximately 55 g. or 2 oz. The LCD exhibits a large number display. The position of the triangle indicator clearly shows which main mode the user is viewing. The indicator bar displays all the main functions (modes).

1.2. LCD DISPLAY

The display is designed to offer the user maximum clarity and simplicity.

The display is divided into several areas:

- A Barometric Trend Indicator provides a quick reference of the last 6 hours in the form of a graph.
- Fields 1-4 display values either number or text depending on the mode or sub mode you are in.
- A Mode Indicator Bar displays the main functions (a triangle arrow located just above the bar indicates the mode you are in).

1.3. BUTTON FUNCTIONS

Three buttons are used to operate the Escape203: the Center Button, the [-] Minus Button, and the [+] Plus Button.

1.3.1. The Center Button

- The Center Button is located in the center just below the LCD display.
- Pressing the Center Button and holding for 2 seconds will allow you to enter and

exit the setup mode of the function (mode) you are viewing.
- In the setup process, the Center Button allows you to move between settable units or values and determine preferences.

1.3.2. The [-] Minus Button

- The [-] Minus Button is located on the left just below the LCD display.
- Pressing the [-] Minus Button moves the indicator (triangle arrow) to the left along the indicator bar.
- In the setup process, pressing the [-] Minus Button will allow you to decrease a unit or value by scrolling numerically downward.

1.3.3. The [+] Plus Button

- The [+] Plus Button is located on the right just below the LCD display.
- Pressing the [+] Plus Button moves the indicator (triangle arrow) to the right along the indicator bar.
- In the setup process, pressing the [+] Plus Button will allow you to increase a unit or value by scrolling numerically upward.

1.4. MAIN FUNCTIONS (MODES)

The Escape203 has five main features: Time [TIME], Altimeter [ALTI], Altimeter Memory [LOG], Barometer [BARO] and Barometer Memory [MEM].

1.4.1. Time [TIME]

- Shows the Day, Date and Time.
- User adjustable 12/24 hour clock.
- Calendar date, pre-programmed to the year 2089.

1.4.2. Altimeter [ALTI]

- Shows: altitude, altitude difference, time, ascent/descent rate in m/hour or ft/hour.
- Altitude range: -500 - 9,000 m; -1,600 - 29,500 ft.
- Resolution: adjustable by the user to 1 m/5 m; 3 ft/10 ft.
- Altitude alarm range up to 9,000 m; 29,500 ft.
- Difference measurement function enables zeroing of Altimeter to follow vertical progress from start of hike/climb.
- Up to 20 user-definable altitude points can be stored in memory for later viewing (information stored: # of point stored, altitude, date and time).

1.4.3. Altimeter Memory [LOG]

- Stores altitude information for one event (= log) as well as altitude points entered into the memory in the Altimeter mode.
- Information stored in the log is:
- the start date and time of log
- the altitude gain/loss for log
- the average ascent/descent rate for log
- the max/min altitude for log
- the cumulative altitude gain/loss since clearing the memory
- the date when memory was cleared
- the altitude points entered into the memory in the [ALTI] mode.

1.4.4. Barometer [BARO]

- Shows: temperature, sea level pressure, absolute pressure, time, barometric trend indicator.
- Atmospheric pressure range: 300 - 1,100 hPa; 8.90 - 32.40 inHg.

- Resolution: 1 hPa; 0.05 inHg.
- Temperature range: -20 to +60°C; -5 to +140°F.
- Temperature resolution: 1°C; 1°F.
- Pressure change alarm activated when pressure drops 4 hPa / 0.12 inHg or more during a 3-hour period.
- Altimeter-Barometer (use as altimeter or weather station) Locking Feature to use altimeter or barometer independently.

1.4.5. Barometer Memory [MEM]

- Stores pressure and temperature information (max/min) for the last 24 hours.
- Shows a summarized history of barometric pressure and temperature over the last 24 hours.
- Shows individual barometric pressure and temperature information for the last 24 hours in intervals of 30 minutes for the last three hours and thereafter in 3 hour intervals.

1.4.6. Other Functions

- Adjustable for metric or imperial units.
- User-replaceable battery.
- Neck lanyard.
- Temperature compensated altitude and barometer readings.
- Water resistant up to the depth of 5m; 15ft.
- Storage temperature range -20 to +60°C (+5 to 140°F).
- Low battery warning (When 5-15% battery power is left. Low battery indicator appears on the left in the LCD display.

1.5. CARE AND MAINTENANCE

Perform only the processes discussed in this manual. Never attempt to take the Escape203 apart or service it yourself (i.e. open the case or remove the buttons).

Protect your Escape203 Electronic Altimeter from shocks, extreme heat and prolonged exposure to direct sunlight. When not in use the Escape203 should be stored in a clean, dry environment at room temperature when not in use.

The Escape203 Electronic Altimeter can be wiped clean with a lightly moistened (use warm water) cloth. Apply a mild soap to clean stubborn stains or marks.

Avoid exposing the Escape203 Electronic Altimeter to strong chemicals like gasoline, cleaning solvents, acetone, alcohol, adhesives, and paint. These will damage the unit's seals, case and finish.

Make sure the area around the sensors (bottom front side of the instrument) is kept free of dirt and sand. Never insert any objects into the sensor openings.

1.5.1. Battery Replacement

The Escape203 Electronic Altimeter operates on a three-volt lithium cell. Type: CR 2450. The maximum life expectancy is approximately 2-3 years.

A low battery-warning indicator is activated when 5-15 percent of the battery capacity is still available. When this occurs we recommend replacement of the battery.

Extreme cold weather will activate the low battery-warning indicator. Though the indicator is activated, the battery may not need to be replaced due to this condition. In temperatures above 10°C (50°F), if the low battery warning indicator is showing, the battery will need to be replaced.

To replace the battery:

1. Turn the Escape203 Electronic Altimeter over to view the backside.
2. Insert a coin in the coin slot located on the battery compartment cover.

3. Turn the coin counterclockwise gently to the open position marked on the back of the case.
4. Remove the battery compartment cover.
5. Remove the old cell from the battery compartment and ensure the O-ring and all surfaces are clean and dry. Be careful not to pinch the O-ring. Do not use a knife or other sharp objects to open the battery housing. These will damage the o-ring. Do not stretch the O-ring.
6. Place the new cell into the battery compartment (negative side down, positive side up).
7. Ensure the O-ring is in place to keep the Escape203 Electronic Altimeter waterproof and replace the battery compartment cover back onto the backside of the instrument.
8. Insert a coin into the coin slot; and turn the coin clockwise to the closed position marked on the back of the case.

Note: Battery replacement should be performed with extreme care to ensure the Escape203 Electronic Altimeter continues to remain waterproof. It is the operator's responsibility to due care to ensure the instrument remains waterproof.

2. TIME MODE [TIME]

The time feature or watch function provides you with:

- An adjustable 24/12 hour clock display.
- A calendar pre-programmed to the year 2089.

To view the Time Mode:

If the triangle arrow is not pointing on TIME, PRESS the [+] or [-] button until the triangle arrow is directly above TIME on the mode bar.

The display will show the following information:

- Field 2 shows the current time.
- Field 3 shows the day of the week.
- Field 4 shows the date (day/month if the 24-hour clock has been chosen; month/ day if the 12-hour has been chosen

2.1. SETTING THE TIME (WATCH FUNCTION)

You will be setting the year, time (in hours and minutes), the current clock format and the date (12-/24-hours). The weekday is automatically calculated based on date set.

In the TIME mode:

1. PRESS and HOLD the Center button for 2 seconds. Located in Field 2, the minutes will begin to flash.
2. PRESS either the [+] button or the [-] button to scroll up or down until the desired minutes are displayed.

Note: The seconds are zeroed when you press either the [+] button or the [-] button.

3. PRESS the Center button to accept the minutes chosen, and move to the next menu item. Located in Field 2, the hour will begin to flash. (If you don't want to set

anything else PRESS and HOLD the Center button for 2 seconds to accept all changes made and return to the TIME mode.)

4. PRESS either the [+] button or the [-] button to scroll up or down until the desired hour is displayed.
5. PRESS the Center button to accept the hour chosen and move to the next menu item. Located in Field 1, the year will begin to flash.
6. PRESS either the [+] button or the [-] button to scroll up or down until the desired year is displayed.
7. PRESS the Center button to accept the year chosen and move to the next menu item. Located in Field 4, the month will begin to flash.
8. PRESS either the [+] button or the [-] button to scroll up or down until the desired month is displayed.
9. PRESS the Center button to accept the month chosen and move to the next menu item. Located in Field 4, the day of the month will begin to flash.
10. PRESS either the [+] button or the [-] button to scroll up or down until the desired day of the month is displayed.

Note: Once the user has determined the year, month and day, the Escape203 will supply the day of the week in the Field 3.

11. PRESS the Center button to accept the day chosen and move to the next menu item. Located in Field 3, the 24/12 hour increment will begin to flash.
12. PRESS either the [+] button or the [-] button to toggle between 12 hour or 24 clock format.

Note: If the 24-hour clock is chosen, the date will be displayed day/month. If the 12-hour clock is chosen, the date will be displayed month/day.

13. PRESS the Center button to accept the choice and move to next menu setting the units of measurements. Alternatively, PRESS and HOLD the Center button for 2 seconds to accept all changes made and return to the TIME mode.

Note: It is not necessary to set or change each menu item. You can PRESS the Center button until the desired menu item flashes and then make adjustments. To accept the desired value, PRESS and HOLD the Center button for 2 seconds thereby exiting the setup mode and returning to the main feature you were in.

Note: If no buttons are pushed within one minute after entering the setup, the device automatically exits the setup mode and the values displayed at this time will remain as the current settings.

2.2. SETTING UNITS OF MEASUREMENT

In this mode, the user will be setting the following units of measure: temperature, vertical ascent/descent rate, atmospheric pressure, and altitude.

To set or change the units of measurement:

In the TIME mode:

1. PRESS and HOLD the Center button in for 2 seconds.
2. Then PRESS the Center button (6 times) until the text "Set Unit" appears in Fields 3 and 4. Located above Field 4, either the text "m" or "ft" begins to flash.
3. PRESS either the [+] button or the [-] button to toggle between meters ("m") or feet ("ft") until the desired unit of measure is displayed.
4. PRESS the Center button to accept the choice and move to the next menu item. Located above Field 4, the text "hPa" or "inHg" will begin to flash.
5. PRESS either the [+] button or the [-] button to toggle between "hPa" or "inHg" until the desired unit of measure is displayed.

6. PRESS the Center button to accept the choice and move to the next menu item. Located in Field 1, the text "°C" or "°F" will begin to flash.
7. PRESS either the [+] button or the [-] button to toggle between "°C" or "°F" until the desired unit of measure is displayed.
8. PRESS the Center button to accept the choice and move to the next menu item. Located in Field 1, the text "m/h" or "ft/h" will begin to flash.
9. PRESS either the [+] button or the [-] button to toggle between "m/h" or "ft/h" until the desired measure of ascent/descent rate is displayed.
10. PRESS the Center button to accept the choice and move to return to setting the Time. Alternatively, PRESS and HOLD the Center button for 2 seconds to accept all changes currently performed and return to the TIME mode.

Note: If no buttons are pushed within one minute after entering the setup, the device automatically exits the setup mode and the values displayed at this time will remain at the current settings.

3. ALTIMETER MODE [ALTI]

The Altimeter mode provides you with:

- Shows: altitude, altitude difference from start of hike/climb, time, ascent/descent rate in m/hour or ft/hour.
- Altitude range: from -500 to 9,000 m; from -1,600 to 29,500 ft.
- Resolution: adjustable by the user to 1 m/5 m; 3 ft/16 ft.
- Altitude alarm range up to 9,000 m; 29,500 ft.
- Difference measurement function enables zeroing of Altimeter to follow vertical progress from start of hike/climb.
- Up to 20 user-definable altitude points can be stored in memory for later viewing (information stored: # of point stored, altitude, date and time).

Note: The Weather Station Function is discussed in Chapter 5 Barometer Mode.

NOTE! AS ALTITUDE IS CALCULATED BASED ON CHANGES IN BAROMETRIC PRESSURE, IT IS IMPORTANT TO SET THE REFERENCE ALTITUDE AT REGULAR INTERVALS.

To view the Altimeter mode:

If the triangle arrow is not pointing to ALTI, PRESS the [+] or [-] button until the triangle arrow is directly above ALTI on the mode bar.

The display will show the following information:

- Field 1 shows the vertical ascent/descent rate.
- Field 2 shows the current altitude.
- Field 3 shows the current time.
- Field 4 shows the altitude difference from zeroing the Altimeter.

Note: If the user does not press any button for 20 hours in the [ALTI] mode, the unit will exit this mode and return to the main TIME mode.

3.1. SETTING THE ALTIMETER

Four settings can be performed when in [ALTI] mode:

1. Setting the reference altitude (1st display).
2. Zeroing the altitude for altitude difference measurement (2nd display).
3. Setting the altitude alarm (3rd display).
4. Adjusting the resolution of the altitude reading (4th display).

Note: If no buttons are pushed within one minute after entering the setup, the Escape203 automatically exits the setup mode and the values displayed at this time will remain at the current settings.

The factory or default setting equals a pressure of 1013.5 hPa and an altitude of 0 meters.

3.1.1. Setting the Reference Altitude

Setting the unit using reference altitude leads to the most accurate altimeter readings. Beware that adjusting the reference altitude will affect the Barometer readings since sea level pressure and reference altitude are inter-related.

In the [ALTI] mode:

1. PRESS and HOLD the Center button in for 2 seconds. Field 3 displays "REF" and in Field 2 the altitude reading will begin to flash.
2. PRESS either the [+] button or the [-] button to numerically scroll up or down until the desired altitude is displayed.
3. PRESS the Center button to accept the choice and move to next menu Zeroing the Altitude.

Note: It is not necessary to set or change each menu item. You can PRESS the Center button until the display menu item to adjust flashes. Once the desired changes has been made, PRESS and HOLD the Center button for 2 seconds to exit the setup mode.

3.1.2. Zeroing the Altitude Difference

In the [ALTI] mode:

1. PRESS and HOLD the Center button in for 2 seconds.
2. Then PRESS the Center button (once) until the text "dIFF" appears in Field 2 and "SEt" in Field 3. Located in Field 4 the altitude difference from previous zeroing begins to flash.
3. PRESS either the [+] button or the [-] button to toggle between the current altitude difference and zeroing.
4. PRESS the Center button to accept the choice and move to next menu Setting the Altitude Alarm. Alternatively, PRESS and HOLD the Center button for 2 seconds to accept any changes made and return to the [ALTI] main mode. This will reset the altitude measurement and begin displaying the difference in altitude.

3.1.3. Setting the Altitude Alarm

In the [ALTI] mode:

1. PRESS and HOLD the Center button in for 2 seconds.
2. Then PRESS the Center button (twice) until the text "AL" appears in Field 3 and. Located in Field 4, "On" or "OFF" begin to flash.
3. PRESS either the [+] button or the [-] button to toggle between on and off.
4. PRESS the Center button to accept the choice and move to next item. Located in Field 2, the numeric value will begin to flash.

5. PRESS either the [+] button or the [-] button to numerically scroll up or down until the desired altitude is displayed.
6. PRESS the Center button to accept the choice and move to next menu Adjusting the Resolution. Alternatively, PRESS and HOLD the Center button for 2 seconds to accept any changes made and return to the [ALTI] main mode.

Note: Altitude Alarm is on and the alarm symbol visible only when you are using Escape203 as Altimeter (not Weather Station).

3.1.4. Adjusting the Resolution

The screen displays "REs" and the value will begin to flash.

In the [ALTI] mode:

1. PRESS and HOLD the Center button in for 2 seconds.
2. Then PRESS the Center button (four times) until the text "RES" appears in Field 3 and. Located in Field 2, the resolution of the altitude reading begin to flash.
3. PRESS either the [+] button or the [-] button to toggle between 1 or 5 meters or 3 or 10 feet.
4. At the desired value, PRESS the Center button to accept the choice and return to Setting the Reference Altitude. Alternatively, PRESS and HOLD the Center button for 2 seconds to accept any changes made and return to the [ALTI] main mode.

3.2. ENTERING AN ALTITUDE POINT INTO MEMORY

In the Altimeter mode, double-PRESS the Center button to enter an altitude point into memory. The device will show the stored information on the display for 3 seconds, before returning to the main [ALTI] mode:

1. The altitude point number entered into memory in chronological order (e.g. P12 = point number 12).

2. The altitude of the point entered into the memory.
3. The time and date when an altitude point is stored into memory.

Memory is full when a total of 20 altitude points have been entered. The device will display the text "Pts" in Field 2, and "Full" in Field 4. Recorded altitude points can be viewed in the log mode.

Note: When the memory is full, you will need to enter the setup mode to clear all points from the memory before attempting to enter more. For more information on clearing altitude points, refer to Chapter 4; Clearing the Altimeter Memory.

4. ALTIMETER MEMORY MODE [LOG]

The Altimeter memory mode provides you with:

- Stores altitude information for one event called a log.
- Stores altitude points entered into memory in the [ALTI] mode.
- Information stored in the log is: the start date and time, the altitude gain/loss, the average ascent/descent rate, the max/min altitude, the cumulative altitude gain/ loss since clearing the memory (up to a year), the date when the memory was last cleared and the altitude points entered into the memory in the Altimeter mode.

To view the Log mode:

If the triangle arrow is not pointing to LOG, PRESS the [+] or [-] button until the triangle arrow is directly above LOG on the mode bar.

The display will show the following information:

- Field 1 shows average vertical ascent rate
- Field 2 shows total vertical ascent
- Field 3 shows average vertical descent rate
- Field 4 shows total vertical descent

While a logbook is being recorded, the mode indicator arrow flashes every 0.5 seconds.

Note: If the user does not press any button for 20 hours in the [LOG] mode, the unit will exit this mode and return to the main TIME mode.

4.1. HOW TO START AND STOP A LOGBOOK

In the [LOG]-Mode:

1. PRESS the center button once. A text "StArt" appears in Field 4.

2. PRESS the center button and hold in for 2 seconds. A flashing Mode Indicator over the text LOG indicates the start of the recording.

To stop the recording:

1. If the Mode Indicator does not point at the text LOG, PRESS the [+] or [-] -buttons until the Mode Indicator points directly at the text LOG.
2. PRESS the center button once. Text "StOP" appears in Field 4.
3. PRESS the center button and hold in for 2 seconds to validate the stopping of the recording.

4.2. READING THE ALTIMETER MEMORY

The information stored in the memory contains a total of 6 displays. And additionally up to the 20 altitude points you may have stored in the memory. The displays can be scrolled through in two directions.

1. PRESS the Center button once to begin viewing the Altimeter memory.

The display shows the Start or Stop the logbook mode. If the logbook is not recording, the display will show the text "LOG Start". If the logbook is recording, the display will show the text "LOG Stop". PRESS and HOLD the Center button in for 2 seconds accepting "LOG Start" or the "LOG Stop" display and exit.

2. PRESS [-] or [+] button to move from one memory mode to another to view data stored in the memory:
    a) PRESS the [-] button once to scroll altitude points stored in the memory (max. 20 points). The display shows the altitude points chronologically starting from the latest (e.g. P18, P17, P16, etc.), the recorded altitude as well as the date and time of the recording.
    b) PRESS the [+] button once to view summarized information stored in the memory during a log. You can view the information in the following order:

Display 1 shows the start date and time of logbook recording. The display will show the text "LOG bEG".

Display 2 shows the maximum altitude recorded during the log and the time and date when it was accomplished.

Display 3 shows the minimum altitude recorded during the log and the time and date when it was accomplished.

Display 4 shows the start date and time of the history information. The history is the accumulation of the vertical gain and loss from each recorded log. This can be used to track vertical gain or loss over a long period of time. The start date of the history begins when the history is cleared.

Display 5 shows the highest altitude reached so far during any logbook recording and the time and date when reached.

Display 6 shows the total vertical ascent accumulated and the total vertical descent accumulated since the history was cleared.

3. PRESS the Center button once to stop viewing the altimeter memory.

Note: The Altimeter Memory can be exited at any time by pressing the Center button once to return to the main [LOG] mode.

4.3. CLEARING THE ALTIMETER MEMORY

There are two displays when in this mode: one is for clearing the altitude points stored into the memory, and the other is for clearing the altitude history.

Note: When clearing the memory, the new start date for the history recording is the clearing date.

4.3.1. To Clear the Altitude Points

In the [LOG] mode:

1. PRESS and HOLD the Center button in for 2 seconds. The text "Clr" appears in Field 1 and "PtS" in Field 2. Located in Field 3, the text "nO" will begin to flash.
2. PRESS either the [+] button or the [-] button to toggle between yes and no.
3. PRESS the Center button to accept the choice and move to next menu To Clear the Altitude History. Alternatively, PRESS and HOLD the Center button in for 2 seconds to accept all changes made and return to the main [LOG] mode.

Note: Points can not be cleared individually. Selecting "yes" will clear all stored points.

4.3.2. To Clear the Altitude History

In the [LOG] mode:

1. PRESS and HOLD the Center button in for 2 seconds.
2. PRESS the Center button (once) until the text "Clr" appears in Field 1 and "HIS" in Field 2. Located in Field 3, the text "nO" will begin to flash.
3. PRESS either the [+] button or the [-] button to toggle between yes and no.
4. At the desired value, PRESS and HOLD the Center button to accept and return to the main [LOG] mode.

Note: If no buttons are pushed within one minute after entering the clearing mode, the device automatically exits the setup mode without making any changes.

5. BAROMETER MODE [BARO]

The Barometer mode provides you with:

- Shows: temperature, sea level pressure, absolute pressure, time, barometric trend indicator.
- Atmospheric pressure range: from 300 to 1,100 hPa; from 8.90 to 32.40 inHg.
- Resolution: 1 hPa; 0.05 inHg.
- Temperature range: from -20 to +60°C; from -5 to +140°F.
- Temperature resolution: 1°C; 1°F.
- Pressure change alarm activated when pressure drops 4 hPas / 0.12 inHg or more during a 3-hour period.
- Altimeter-Barometer Locking Function.

To view the Barometer mode:

If the triangle arrow is not pointing to BARO, PRESS the [+] or [-] button until the triangle arrow is directly above BARO on the mode bar.

The display will show the following information:

- Field 1 shows current temperature.
- Field 2 shows current sea level pressure.
- Field 3 shows current time.
- Field 4 shows current absolute atmospheric pressure.

5.1. THE BAROMETRIC TREND INDICATOR

Located on the top left of the LCD display, the barometric trend indicator is composed of two lines forming a directional arrow that graphs the last 6 hours. Each line represents a three-hour interval. The right side represents the last three hours; the left side represents the three hours prior to that. The graph is read left to right

The barometric trend Indicator will move upwards or downwards when the pressure readings change 2 hPas / 0.06 inHg or more during a measured interval.

	Situation 6-3 hours ago	Situation last 3 hours
	Dropped heavy (>2 hPa/3h)	Dropping heavy (>2 hPa/3h)
	Dropped heavy (>2 hPa/3h)	Remaining stable
	Dropped heavy (>2 hPa/3h)	Rising heavy (>2 hPa/3h)
	Remained stable	Dropping heavy (>2 hPa/3h)
	Remained stable	Remaining stable
	Remained stable	Rising heavy (>2 hPa/3h)
	Risen heavy (>2 hPa/3h)	Rising heavy (>2 hPa/3h)
	Risen heavy (>2 hPa/3h)	Remaining stable
	Risen heavy (>2 hPa/3h)	Dropping heavy (>2 hPa/3h)

5.2. SETTING THE BAROMETER

5.2.1. To Set the Sea Level Pressure

In the [BARO] mode:

1. PRESS and HOLD the Center button in for 2 seconds. The text "SEA" will appear in Field 1. Located in Field 2, the pressure reading will begin to flash.
2. PRESS either the [+] button or the [-] button to scroll up or down until the desired pressure is displayed.
3. PRESS the Center button to accept the choice and move to next menu To Set the Barometer Alarm. Alternatively, PRESS and HOLD the Center button in for 2 seconds to accept the changes made and return to the main [BARO] mode.

Beware: The sea level pressure and the reference altitude are related to each other. Adjusting one will automatically adjust the other.

Note: If no buttons are pushed within one minute after entering the setup the Escape203 automatically exits the setup mode.

5.2.2. To Set the Barometer Alarm

In the [BARO] mode:

1. PRESS and HOLD the Center button in for 2 seconds.
2. PRESS the Center button (once) until the text "AL" will appear in Field 3. Located in Field 4 text "On" or "Off" will begin to flash.
3. PRESS either the [+] button or the [-] button to choose between on and off.

Note: Accepting the "On" setting notifies you that a pressure drop of 4 hPas / 0.12 inHg or more during a 3-hour period has occurred and the device will activate an audible alarm and flash an alarm symbol on the LCD display for 20 seconds. Barometer Alarm is on and the alarm symbol visible only when you are using Escape203 as Weather Station (not Altimeter).

4. At the desired setting, PRESS and HOLD the Center button in for 2 seconds to accept the changes made and return to the main [BARO] mode.

Note: If no buttons are pushed within one minute after entering the setup, the Escape203 automatically exits the setup mode.

5.3. WEATHER STATION FUNCTION

The Escape203 can be used as either a Weather Station (barometer function) or Altimeter.

To choose between locking functions, in the main [BARO] mode, PRESS the Center button twice to toggle between icons. A beep sound is heard as you toggle between the two.

The overlapping sun and cloud icon shown above the BARO and MEM texts indicates the device is in the weather station function.

The two-mountain icon shown above the ALTI and LOG texts indicates the device is in the Altimeter function.

When you have defined the unit to be a weather station, it interprets all pressure changes as weather and the measured changes will therefore only affect the pressure reading in the Barometer mode. These changes will not affect the altitude reading.

When the Altimeter function is activated, all pressure changes are interpreted as altitude changes. When the Altimeter function is activated, the sea level pressure reading displayed will not change, although the absolute pressure reading will.

The unit is set initially at the factory in altimeter mode. You can change this setting at any time as described above.

6. BAROMETER MEMORY MODE [MEM]

The Barometer memory mode provides the user with the following:

- Pressure and temperature information (max/min) for the last 24 hours.
- A summarized history of barometric pressure and temperature over the last 24 hours.
- Individual barometric pressure and temperature information for the last 24 hours in intervals of 30 minutes for the last three hours and thereafter in 3 hour intervals.

To view the Barometer memory mode:

If the triangle arrow is not pointing on MEM, PRESS the [+] or [-] button until the triangle arrow is directly above MEM on the mode bar.

The display will show the following information:

- Field 1 shows the maximum temperature during the last 24 hours.
- Field 2 shows the maximum absolute atmospheric pressure during the last 24 hours.
- Field 3 shows the minimum temperature during the last 24 hours.
- Field 4 shows the minimum absolute atmospheric pressure during the last 24 hours.

6.1. SCROLLING THROUGH THE BAROMETER MEMORY DISPLAYS

The Barometer memory mode provides 18 displays of information. To view these displays:

1. PRESS the Center button once.
2. Use the [+] button to view the summarized Barometer history information.
3. Use the [-] button to view pressure and temperature development during the last 24 hours.

4. When done, PRESS the Center button once to exit and return to the main [MEM] mode.

Note: At any point during the viewing, you can exit the memory by pressing the Center button once.

6.1.1. To view the Summarized History Information

Scrolling through these displays with the [+] button will exhibit the stored information in the following order:

Display 1 shows the start date and time of history information: HIS (= history), BEG (= beginning), time and date.

Display 2 shows the maximum pressure recorded since you last cleared the history and the time and date/year of this measurement.

Display 3 shows the minimum pressure recorded since you last cleared the history and the time and date/year of this measurement.

Display 4 shows the maximum temperature reading recorded since you last cleared the history and the time and date/year of this measurement.

Display 5 shows the minimum temperature reading recorded since you last cleared the history and the time and date/year of this measurement.

6.1.2. Viewing the Pressure and Temperature Information

Scrolling through these displays will show you the development of the barometric pressure and temperature during the last 24 hours. The first display begins with information of the most current situation and it moves toward the situation recorded 24 hours ago.

The information shown in these displays is temperature, sea level pressure, specific time of the measurement and absolute pressure.

The pressure and temperature information for the last 24 hours can be scrolled through in intervals of 30 minutes for the last three hours and thereafter in 3-hour intervals.

Note: If the user does not press any button for 20 hours while viewing these memory displays, the unit will exit this mode and return to the main TIME mode.

6.2. CLEARING THE BAROMETER MEMORY

In the main [MEM] mode:

1. PRESS and HOLD the Center button in for 2 seconds. The text "Clr" will appear in Field 1 and "HIS" in Field 2. Located in Field 3, the text "nO" will begin to flash.
2. PRESS either the [+] button or the [-] button to toggle between yes and no.
3. At your choice, PRESS and HOLD the Center button to accept and return to the main [MEM] mode.

7. ABBREVIATIONS

bEG	-begin
CLR	-clear
HIS	-history
PtS	-points
REF	-reference altitude
RES	-resolution

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It does not cover damage or failures resulting from accident, misuse, neglect, mishandling, alteration or modifications of the product, or any failure caused by operation of the product outside the scope of its published specifications, or any causes not covered by this warranty.

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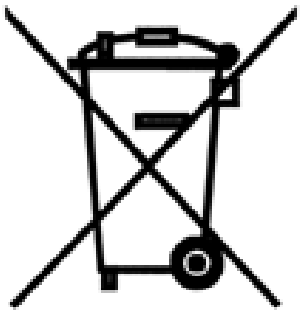
11.DISPOSAL OF THE DEVICE

Please dispose of the device in an appropriate way, treating it as electronic waste. Do not throw it in the garbage. If you wish, you may return the device to your nearest Suunto representative.



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