TACTICAL ALTIMETERS

Military ALTITRACK™

Quick Start Guide

Rev. 13

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1- Introduction:

The Quick Start Guide enables you to set-up the basic functions of the Military ALTITRACK to make the first jump. For detailed description of menus, functions and features, please read the manual.

1.1 Analog Face

1. Right Front Button
   - Power ON
   - Enable / Disable and adjusting backlight intensity
   - Power OFF

2. Left Front Button
   - Power ON
   - Perform ACCESS
   - Adjust altitude or set QFE if the DZ elevation differs from that of the airport of take-off
   - Enable IrDa

3. “ACCESS” indicator

4. “LOW BAT” indicator

5. OLED
   - Displays transducer testing, mBar adjustment, backlight intensity and IrDA communication

6. Serial number

7. IrDa transceiver

1.2 Digital Face

1. Battery status

Note: The Military ALTITRACK must be switched ON prior to entering the airplane

2 - Power ON

Press Right or Left Front Button until “ACCESS” and “LOW BAT” flashes. Then release the button.

The Military ALTITRACK runs a self-test.

The Military ALTITRACK can be used for jumping, if:
- The pointer moves from “6” to “0”.
- Battery capacity is sufficient (see paragraph 7)

The Military ALTITRACK **MUST NOT** be used for jumping, if:
- The LCD on the rear side displays an Error code (ex.: ERR2, ERR3, ERR4, ERR5, ERR100)
- The units sounds a beep every minute.
- Battery capacity is insufficient (see paragraph 7)

When the pointer has detected “0”, the Military ALTITRACK performs an automatic testing of the two barometric sensors (displayed on the OLED).

When the testing is completed the current mBar pressure is displayed for about 4 seconds.

If one of the sensors is defective the OLED shows, "*service required*". The Military ALTITRACK can still be used for jumping with only one sensor, however it must be returned for service at the next opportunity.

2.1 Before night jumping: Verify that the backlight is functioning (see paragraph 6)

3 - Jump Mode

- Entering Jump Mode: Shortly after take-off (at approx. 1,000 feet/300 meters) the Military ALTITRACK switches to Jump Mode and the pointer moves to the present altitude. On the rear side LCD the *"airplane icon"* starts to flash.

- Exiting Jump Mode: The Military ALTITRACK exits Jump Mode automatically within one minute after it senses ground level again. If the Military ALTITRACK has been preset to a different altitude it exits Jump Mode as described in paragraph 5-2.

4 - Power OFF

1. Press and let go of Right Front Button
2. When "ACCESS" lights, press immediately and let go again
3. When "ACCESS" lights, press immediately and let go again
4. When "ACCESS" lights, press immediately and let go again
   The pointer moves to "6" and unit switches OFF

Note: If the Military ALTITRACK is not manually switched OFF, it will automatically switch OFF 14 hours after the last jump or 14 hours after the last pressing of any button (28 hours in case adjustment of altitude or QFE has been performed without jumping with the Military ALTITRACK).

Note: In case of landing in water, rinse the instrument in fresh water and let it dry. In case of landing in salt water, replace the air filter (see manual).

5 - Zeroing, Altitude Offset and mBar adjustment

5.1 Zeroing the Military ALTITRACK

The Military ALTITRACK continuously adjusts to the local elevation and the pointer is at the zero “0” position. If the pointer is not at “0” prior to jumping, the unit has not adjusted itself to the local elevation and it must be manually zeroed.
Turn the unit OFF and then ON.

5.2 Altitude Offset or mBar adjustment

If the elevation or barometric pressure at the DZ is different from that of the airport of take-off, then adjust the Military ALTITRACK by activating the “Altitude Offset” mode which also enables the “mBar adjustment” mode and is called “ACCESS”.

ON THE GROUND

If the DZ elevation or the mBar pressure at the new DZ is known before entering the airplane:

1. Press Left Front Button and release quickly
2. When “ACCESS” lights, press the button immediately and keep it pressed
3. When “ACCESS” lights again, release the button immediately
4. The present QFE is displayed in the OLED window.
   Press the Right Front Button (+) or the Left Front Button (-) to set the QFE (200 to 1075 mbar) to the absolute mbar value at the new DZ location (QFE), or move the pointed to the selected altitude.

On the ground the selected altitude is displayed on the screen on the rear side of the altimeter as well.

When adjusting to a negative altitude on the ground, use the inner negative scale indication or the value displayed on the rear side of the altimeter.

***Note:** When performing a manual adjustment of altitude, the Military ALTITRACK enters “Jump Mode” and the altitude is stored in the memory for 14 hours if no jump is made.*
After 14 hours the Military ALTITRACK calibrates to the new elevation and displays “0”
The Military ALTITRACK switches OFF automatically 14 hours after the recalibration.
The altitude offset is not retained when the Military ALTITRACK is switched OFF.

IN THE AIRPLANE

If the QFE is only known after take-off or if the DZ elevation changes during the flight:

Perform “ACCESS”, point 1-3 as described in paragraph and then by means of the Right Front Button (+) or the Left Front Button (-), set the DZ QFE in the OLED window (200 to 1075 mbar). To avoid any mistakes in this case, do not use the pointer as a reference when selecting the new altitude.

The Military ALTITRACK exits “Altitude Offset” or “mBar adjustment” mode if no button is pressed within 5 seconds.

6 - Backlight

Enable: Press and hold Right Front Button until “BACKLIGHT ON” and intensity level is displayed on the OLED.

Disable: Press and hold Right Front Button until “BACKLIGHT ON” and then “BACKLIGHT OFF” is displayed on the OLED.

Note: The backlight is automatically disabled when manually switching OFF the Military ALTITRACK.

Adjusting the backlight intensity: When “BACKLIGHT ON” is displayed on the OLED (by pressing the Right Front Button), click on the Right Front Button again to adjust the backlight intensity, 1 to 10 (1 = Low, 10 = High).

Note: If the backlight is turned ON while the Military ALTITRACK is not in Jump Mode, the backlight will automatically turn OFF after 2 hours.
If the backlight is turned ON while the Military ALTITRACK is in Jump Mode, the backlight will remain ON until the unit exits Jump Mode.

7 - Battery Status

Full capacity: Symbol shows two bars inside the icon.
The Military ALTITRACK can be used without any restrictions.
The two bars correspond to a battery capacity between 100 and 10%

Low capacity: Symbol shows one bar inside the icon.
Replace battery as soon as possible, however the altimeter can still be used for jumping as long as it is not used for night jumping or at temperatures below zero deg. C.

Very low capacity: Symbol shows no bars inside the icon.
The “Low Bat” light flashes every 15 sec on the altimeter scale.
Do not jump with the altimeter. Replace battery.

Empty battery: The battery icon flashes.
Do not jump with the altimeter. Replace battery.

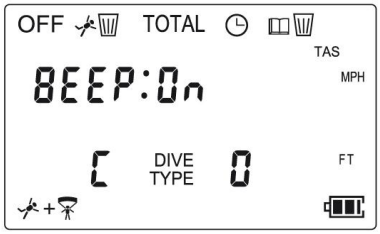
LB strongly recommends replacing the battery once a year

8 - Customize the Military ALTITRACK Settings

If you want to customize each setting, please read the manual. If you only want to customize the most important settings prior to the first jump (total number of jumps, time and date), continue reading below.

To enter SETUP

Press and hold for 3 seconds.



Factory default set-up

Fig. 1 – Main display,
Displays all current settings

To exit SETUP

Wait until the display times out or,

press or repeatedly until returning to the Main Setup Display, then press to exit.

<u>NOTE:</u> If no button has been pressed within 15 seconds after choosing any SETUP window, the LCD switches OFF. When again switching ON the LCD it will display "Logbook screen # 1". (Main information)"

Press repeatedly until below "TOTAL" is shown

Fig. 2 – TOTAL

Press (“TOTAL” flashes)
Press to increase the jump total
Press to decrease the jump total
Press to store the new total number of jumps and end

Press again to select “Clock/DATE”

Fig. 3 – Clock/DATE

Press (“Clock” icon flashes)
Press to increase date value
Press to decrease date value
Press to store the new date and end
Note: Date format is YYYY:MM:DD.

Press again to select “Clock/TIME”

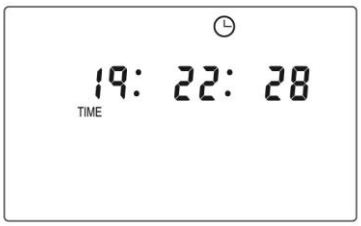


Fig. 4 – Clock/TIME

Press (“Clock” icon flashes)
Press to increase time value
Press to decrease time value
Press to store the time and end

Note: Time format is 24 hours