QUICK GUIDE & ROAD MAP

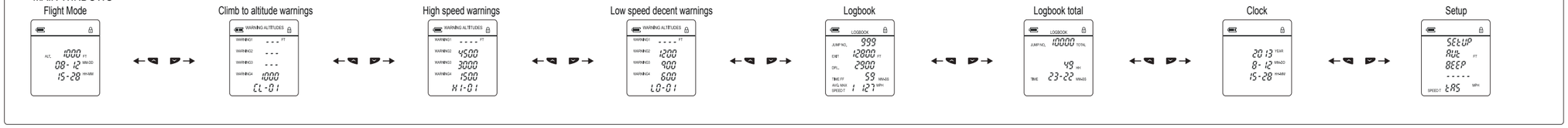
REV | #2.1

ALTIMETERS

Manual for download and support
WWW.LBALTIMETERS.COM

To avoid any unintentional changes, all settings are "locked" behind an ACCESS procedure.
Access* is required to unlock and change any settings

MAIN WINDOWS

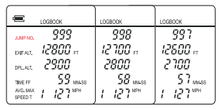


Perform ACCESS*

Altitude Offset

Bank

Logbook screen #1 (Main information)



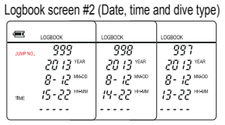
Set total jumps

Year

Switch Off (Set flash value = 10)

Warning 1

Logbook screen #2 (Date, time and dive type)



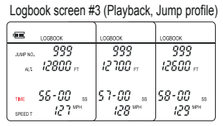
Set total hours

Month

ECO / AUTO

Warning 2

Logbook screen #3 (Playback, Jump profile)



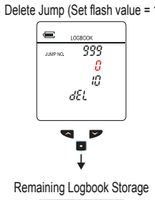
Set total minutes

Day

Beep ON / OFF

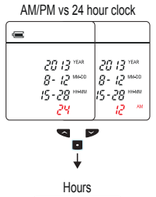
Warning 3

Delete Jump (Set flash value = 10)

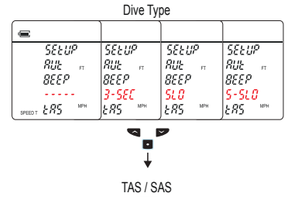


Set total seconds

AM/PM vs 24 hour clock



Dive Type

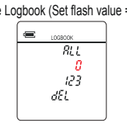


Warning 4

Remaining Logbook Storage

Free logbook storage in %

Delete Logbook (Set flash value = 123)



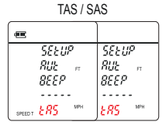
Remaining Logbook Storage

Free logbook storage in %

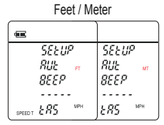
Hours

Minutes

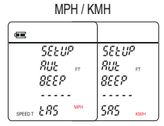
TAS / SAS



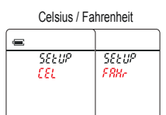
Feet / Meter



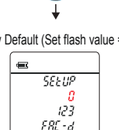
MPH / KMH



Celsius / Fahrenheit



Factory Default (Set flash value = 123)



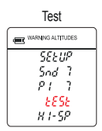
Volume

Guide (enable / disable)

Pitch

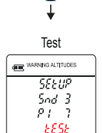
Volume

Test



Pitch

Test



*Performing ACCESS

1. Press ▪ and quickly release – 🔒 padlock icon turns OFF (disappears)

2. When 🔒 padlock icon appears again, immediately press ▪ and hold pressed – 🔒 padlock icon will disappear

3. When 🔒 padlock icon appears again, immediately release ▪

Note: The PROTRACK2 goes out of ACCESS and back to the Main Window if no button has been pressed within 60 sec. ALL functions (except Power ON) can be performed ONLY when the PROTRACK2 is in ACCESS mode.

Power ON (after Power OFF)
The PROTRACK2 has been powered OFF prior to shipping from our factory. To turn the power ON, press and hold any key until the unit beeps, then release the key.

PROTRACK II QUICK GUIDE
Rev. 2.1

Power OFF

In “Ground Mode” and if “ECO Mode” is enabled, the PROTRACK II automatically switches OFF 14 hours after the last jump or 14 hours after pressing any key, whichever comes last.

The PROTRACK II can also be manually powered OFF from the Setup Window, to further extend the battery life when not in use.

Note: When switched OFF the PROTRACK II cannot be used for jumping.
Customer settings are not lost when switched OFF.

Power ON

The PROTRACK II has been powered OFF prior to shipping from our factory.
To turn the power ON, press and hold any key until the unit beeps, then release the key.

Device Info

Press any key to turn ON the PROTRACK II

Device Info

The PROTRACK II runs a self-test and sounds three beeps as it flashes the screen two times. It then displays a “Device Info” screen.

Battery capacity in mVolt
Barometric Pressure in mbar (hPa)
Temperature (Celsius or Fahrenheit)
Free logbook storage in %
Firmware Version

***Ground Mode.**
To save battery power, after power up and shortly after landing the PROTRACK II enters “Ground mode”.
In this mode, 60 seconds after last button pressed, the screen display will switch OFF.
However, the PROTRACK II is still ready for jumping.

****Flight Mode**
Shortly after takeoff the PROTRACK II switches to “Flight Mode” and displays the “Flight Mode” window.
At the lowest preset “Climb to Altitude” (factory preset to 1,000 feet), the PROTRACK II sounds a sequence of beeps. These beeps have two functions:

1. The beeps indicate that the PROTRACK II has calibrated itself to the local ground elevation and is ready to jump.

2. The number of beeps indicates the altitude at which the high speed warning alarm is set; for example: If set to 4,500 feet, the signal will sound: beep-beep-beep-beep-(pause)-beep. The number of rapid-sequence of beeps indicates the highest warning altitude in thousands of feet. The beep after a pause (if any), signifies a 500-foot altitude increment.
Should the battery voltage of the PROTRACK II show low capacity, the beep sequence is followed by 5 short beeps. This indicates that the batteries should be replaced.

MAIN WINDOWS

****Flight Mode**

Displays Altitude and Clock while in Flight Mode

Climb to Altitude Warnings (CL)
(Factory default values shown)

Four “Climb to Altitude Warning” banks. Each bank supports up to four warning altitudes

High Speed Warnings (HI)
(Factory default values shown)

Four “High Speed Warning” banks. Each bank supports up to four warning altitudes

Low Speed Decent Warnings (LO)
(Factory default values shown)

Four “Low Speed Decent Warning” banks. Each bank supports up to four warning altitudes

Logbook
(Factory default is 0)

Displays any stored jumps

Logbook total
(Factory default values are 0)

Displays any stored logbook totals

Clock
(Factory default time shown)

Date and time in device
Display in either “24 Hour Clock” or “AM/PM”

Setup
(***Factory default)

Setup options

> 5 seconds

Firmware Version and Serial Number

Displays Firmware version and Serial Number

To avoid any unintentionally changes in settings, all settings are “locked” behind an ACCESS procedure.
Access* is required to unlock and change any settings

Performing ACCESS

1. Press ■ and quickly release – 🔒 padlock icon turns OFF (disappears)
2. When 🔒 padlock icon appears again, immediately press ■ and keep it pressed – 🔒 padlock icon will disappear
3. When 🔒 padlock icon appears again, immediately release ■

Note: The PROTRACK II goes out of ACCESS and back to the Main Window if no button has been pressed within 30 sec.
all functions (except Power ON) can be performed ONLY when the PROTRACK II is in ACCESS mode.

After performing ACCESS the following options are available to the corresponding Main Window

Altitude Offset
- change altitude

Climb to Altitude Warning options:
- Select bank
- Set or disable warnings
- Set volume
- Set pitch
- Hear selected warnings, volume and pitch

High Speed Warnings Options:
- Select bank
- Set or disable warnings
- Set volume
- Set pitch
- Hear selected warnings, volume and pitch

Low Speed Warnings Options:
- Select bank
- Set or disable warnings
- Set volume
- Set pitch
- Hear selected warnings, volume and pitch

Logbook Options:
Logbook Screen # 1
· Jump number
· Exit altitude
· Deployment altitude
· Freefall time
· Speeds (Scrolls through AVG, MAX, 1st and 2nd Half)

Press ■ to view Logbook Screen # 2
· Jump number
· Year for the jump
· Month and date for the jump
· Hours and minutes for the jump
· Dive Type

Press ■ to view Logbook Screen # 3
- Jump Number
- Altitude at time
- Freefall and canopy status
- Time after exit in seconds
- Speed at time

Press ■ to “Delete last Jump” window

Press ■ to view “Remaining Logbook Storage” window

Logbook Total Options:
·Set total number of Jumps
·Set total hours
·Set total minutes
·Set total seconds
·Delete complete logbook

Caution:
Once the PROTRACK II logbook is deleted there is no way to restore the information.
View “Remaining Logbook Storage”

Clock Options:
·Set Year
·Set Month
·Set Day
·Set “24 Hour Clock” or “AM/PM”
·Set Hour
·Set Minutes

Setup options:	(***Factory default)
·Power OFF	
·AUT / ECO	AUT
·Beep ON / OFF	ON
·Dive Type****	- - - - - (Normal)
·TAS / SAS	TAS
·Feet / Meters	Feet
·MPH / KM/H	MPH
·Celsius / Fahrenheit	Celsius
·Reset to Factory Default	

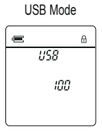
**** Dive Type, 3-SEC
In 3-SEC mode the descent rate parameters are more sensitive, allowing detection of short freefall (> 3 sec. freefall) for logbook exit generation.
See manual for important notes.

**** Dive Type, SLO (Slow)
In SLO mode the deployment parameters are more sensitive. Supports slow falling types of dives, like normal wing suits dives etc.

**** Dive Type, S-SLO (Super Slow)
In S-SLO the exit and deployment parameters are more sensitive.
This mode is for very slow wing suit dives, fast canopy descents, Extreme Relative Work (XWR) etc.
All “High Speed Warnings” are enabled regardless of the vertical airspeed at the preset altitude.

See manual for important notes.

USB Mode



Free logbook storage in %

If a USB host device is connected to the PROTRACK II USB port, the PROTRACK II will act as a USB slave and show USB on the LCD display.
Please visit www.LBAltimeters.com for applications that support PROTRACK II

ERROR Mode

Number
Code

When the PROTRACK II detects a fault, an error (“ERR”) sign, number and code are displayed. At the same time the unit beeps every minute.

All faults indicate that the PROTRACK II is defective.
Remedy: Replace batteries or perform reset

If the unit does not function correctly even after replacing batteries and pressing reset, please contact your local dealer or LARSEN & BRUSGAARD.