MANUAL
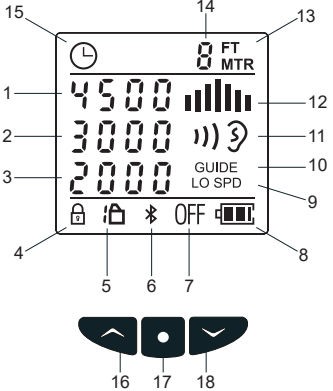

CE ☒ FC IC ⊕ ®201-170920

OPTIMA 3™ • REV. 1.0, MARCH 2025

1. 1st warning altitude (1st low speed alarm)
2. 2nd warning altitude (2nd low speed alarm)
3. 3rd warning altitude (3rd low speed alarm)
4. Lock icon
5. Warning bank
6. Bluetooth®
7. OFF
8. Battery status
9. Low speed status
10. Guide tone icon
11. Ear/Sound Test icon
12. Pitch
13. FT/MTR
14. Altitude/Altitude Offset
15. Clock
16. Up
17. Mode
18. Down

When testing the OPTIMA 3™ on the ground the alarm's sounds may be perceived louder than in freefall, due to the lack of outside wind noise and pressure changes.

The OPTIMA 3™ poses a risk for hearing damage due to high sound pressure (approximately 117dB) near the ears. Exposure to high-energy impulse noise can cause sudden loss of hearing. Exposure to noise is also associated with other hearing disorders such as tinnitus (perception of sound in the absence of an external source). Avoid using a higher volume setting than necessary.

The OPTIMA 3™ must be mounted correctly to ensure the alarms are audible during freefall. Always ensure the OPTIMA 3™ is mounted correctly prior to jumping. The OPTIMA 3™ must be active (powered on) prior to entering the aircraft.

INTRODUCTION

Congratulations on purchasing your new OPTIMA 3™! The OPTIMA 3™ audible altimeter is the latest in MEMS technology, and features the most advanced algorithms for accurately measuring freefall & canopy descent rates. The OPTIMA 3™ allows the skydiver up to 3 sets of warning altitudes for high speed, and 3 for low speed flight. This provides added interactivity in configuring frequently used warning alarms. The OPTIMA 3™ can be set for up to three climb to altitude warning alarms for ultimate altitude awareness.

The OPTIMA 3™ raises the bar yet again to provide skydivers with the most accurate and useful functions available in an audible altimeter:

- **3 High Speed Warnings:** Allows settings up to 9900 feet and can be used for large formations, wingsuit flight setup and other precision skydives where multiple high speed warnings are needed and desired.

INSTRUCTIONS

Power On

The OPTIMA 3™ has been powered off prior to shipping from the factory. To turn the power on, press and hold any key until the unit beeps, then release the key. The OPTIMA 3™ runs a self-test and beeps three times, while flashing the screen three times.

After startup the OPTIMA 3™ displays a screen configuration referred to henceforth as the "Main Window". This represents the starting point for all further OPTIMA 3™ actions and subsequent displays.

Note: To save battery power, the screen display will switch off after 2 minutes. However, at any time the unit is active and will give audible warnings as programmed.

Performing ACCESS

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

1. Press and release 🔘. The lock icon 🔒 turns off.
2. When the lock icon 🔒 turns back on, press and hold 🔘. The lock icon 🔒 turns off again.
3. When the lock icon 🔒 turns back on, release 🔘. The unit is now in ACCESS mode. If no button is pushed for 10 seconds, the OPTIMA 3™ automatically leaves ACCESS mode.

Menu Function Sequence

By repeatedly pressing 🔘 the OPTIMA 3™ scrolls through the menu functions

To leave a menu function, wait until the display times out, or, press 🔘 repeatedly until the lock icon 🔒 flashes, then press ◄ or ► to exit.

Automatic Sorting of Warning Alarm Altitudes

Please note that when setting the warning altitudes, it is possible to set the 1st warning alarm altitude lower than the 2nd, or even the 3rd warning altitudes. The 2nd warning altitude could be set to a higher value than the 1st warning altitude, or a lower value than the 3rd warning altitude, and so on. This is not a problem – when the OPTIMA 3™ exits ACCESS mode, it will automatically sort and store the warning alarms such that the highest warning altitude become the 1st warning alarm, the next highest warning altitude becomes the 2nd warning alarm, and the lowest warning altitude becomes the 3rd warning alarm.

2 Warning Alarms

It is possible to have only 2 warning alarms. The procedure is the same as above, but choose the same altitude for the for the 1st and 2nd warning alarms (the OPTIMA 3™ then sounds only the 2nd and 3rd warning alarms).

1 Warning Alarm

It is possible to only have 1 warning alarm. The procedure is the same as above, but choose the same altitude for all 3 warning alarms (the OPTIMA 3™ then sounds only the 3rd warning alarm).

Sound Pitch

Press 🔘 again. The pitch bar graph will begin to flash. Press ◄ or ► to change the pitch up or down. The pitch bar graph will display the number of bars corresponding to the selected pitch and the selected pitch will sound.

Note: When selecting a pitch on either side of the center vertical bar (3,800 Hz), the output volume decreases about 5 dB because the speaker is no longer at its optimum resonance frequency.

Sound Volume

Press 🔘 again.
Press ◄ or ► to select output volume.
"1" is the lowest volume (112 dB), "10" is the highest volume (117 dB) The OPTIMA 3™ is factory preset to "7".

Note: In case of low battery the volume will automatically switch to "1" and it cannot be changed until the batteries have been replaced.
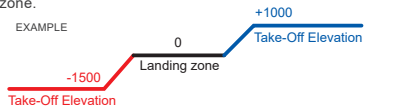
Test Warning Sounds

Press 🔘 again. The ear icon will begin to flash. Press ◄ or ► . The OPTIMA 3™ will sound the preset alarm sequence at the selected pitch. To stop the Test Warning Sounds, press 🔘 , ◄ or ► .

Feet/Meters

Press 🔘 again. The **FT** or **MTR** indicator located in the altitude area of the Main Window will begin to flash. Press ◄ or ► to switch between feet or meter.

Altitude Offset

If the drop zone (DZ) elevation differs from that of the airport of takeoff, use the altitude offset capability to set the DZ elevation prior to entering the aircraft or set the altitude offset to zero when climbing through the DZ elevation. Select a positive offset, if take-off elevation is HIGHER than the landing zone. Select a negative offset, if take-off elevation is LOWER than the landing zone.

Press 🔘 again. The displayed altitude (normally 0) in front of the **FT** or **MTR** indicator will begin to flash. Press ◄ or ► to set an altitude offset to match the altitude of the landing DZ relative to the takeoff airport.

Note: When performing manual altitude offset the OPTIMA 3™ enters Flight Mode and retains the altitude offset for 14 hours, if no jump is made. After 14 hours the OPTIMA 3™ recalibrates to the field elevation where it is currently located and once again displays 0. The altitude offset is not retained when the OPTIMA 3™ is powered off.

Power Off

The OPTIMA 3™ can be manually powered off to further extend the battery life time when not in use. Customer settings (except altitude offset) are stored in non-volatile memory when the OPTIMA 3™ is powered off. When powered off, the OPTIMA 3™ cannot be used for jumping.

Press 🔘 again. The **OFF** icon in the icon area of the Main Window will begin to flash.
Press and hold both ◄ and ► until the display flashes, then release. The OPTIMA 3™ will shut off.

Canopy Descent and Low Speed Warnings Selector

Description

The OPTIMA 3™ includes two types of warning sounds which can be selected to sound while under canopy descent or during wingsuit flight.

1. Canopy Descent and Low Speed Warnings:
Short beeps sound when passing through 1, 2 or 3 selectable altitudes during canopy descent or wingsuit flight.

2. Guide Tones:
A unique series of guide beeps sound when flying from the 2nd through the 3rd selected Canopy Descent Warning altitudes.

Setting Canopy Descent and Low Speed Warnings

In the Main Window, press ► to access the Canopy Descent and Low Speed Warnings Selector.
In this window perform ACCESS

Note: Minimum selectable height is 100 ft (30 m).
Note: When Canopy Descent and Low Speed Warnings are enabled, the LO SPD icon will show in the warning bank area of

---

Setting Guide Tones

When Guide Tones are activated, a unique series of beeps sound between the 2nd and 3rd Canopy Descent Warning altitudes.

The series of beeps can be compared to an aircraft ILS approach. The first beep sounds when passing through the 2nd warning altitude, the next beep 30% into the glide corridor, then after 55% and so on as depicted in the diagram. The diagram shows an example where the 2nd warning is set to 1,500 ft. and the 3rd warning to 300 ft. A long beep sounds when passing through the 3rd selected altitude. The steeper a glide angle the shorter time between beeps.

Note: For safety reasons, the minimum selectable swoop height is 100 ft (30 m) and, with guide tones on, the minimum selectable altitude difference between the 2nd and the 3rd warnings is 300 ft (90 m).

all warning bank displays and in the Main Window. To disable LO SPD, first disable Guide Tones, then set all warnings to ---

Warning Bank Menu Functions

The OPTIMA 3™ has 4 canopy descent/low speed warning banks. When the warning bank icon 🔒 is flashing, press ◄ or ► to select warning bank 1 to 4.

Setting the Warning Alarm Altitudes

The setting of altitudes in each warning bank can be performed either on the ground or in the aircraft during climb to jump altitude.

3 Warning Alarms

1. Press 🔘 until 1st warning altitude flashes
2. Press ◄ or ► to change 1st warning altitude
3. Press 🔘 again and the 2nd warning altitude flashes
4. Press ◄ or ► to change 2nd warning altitude
5. Press 🔘 again and the 3rd warning altitude flashes
6. Press ◄ or ► to change 3rd warning altitude

2 Warning Alarms

It is possible to only have 2 warning alarms. The procedure is the same as above, but choose the same altitude for the 1st and 2nd warning alarms (the OPTIMA 3™ then sounds only the 2nd and 3rd warning alarms).

1 Warning Alarm

It is possible to only have 1 warning alarm. The procedure is the same as above, but choose the same altitude for all 3 warning alarms (the OPTIMA 3™ then sounds only the 3rd warning alarm).

Sound Pitch

Press 🔘 again. The pitch bar graph will begin to flash. Press ◄ or ► to change the pitch up or down. The pitch bar graph will display the number of bars corresponding to the selected pitch and the selected pitch will sound.

Note: When selecting a pitch on either side of the center vertical bar (3,800 Hz), the output volume decreases about 5 dB because the speaker is no longer at its optimum resonance frequency.
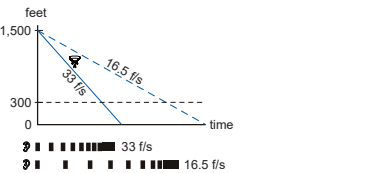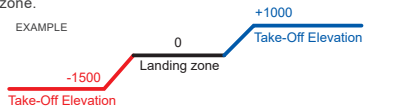
Sound Volume

Press 🔘 again.
Press ◄ or ► to select output volume for all three canopy low speed warnings. "1" is the lowest volume (112 dB), "10" is the highest volume (117 dB) The OPTIMA 3™ is factory preset to "3".

Note: In case of low battery the volume will automatically switch to "1" and it cannot be changed until the batteries have been replaced.

Setting Guide Tones

When Guide Tones are activated, a unique series of beeps sound between the 2nd and 3rd Canopy Descent Warning altitudes.

Press 🔘 again.
The **GUIDE** icon will start flashing
Press ◄ or ► until the **GUIDE** icon is ON or OFF

Note: When Guide Tones are enabled, the GUIDE icon will show in the warning bank area of all warning bank displays and in the Main Window.

Test Warning Sounds

Press 🔘 again. The ear icon will begin to flash. Press ◄ or ► . This causes the OPTIMA 3™ to sound the preset alarm sequence at the selected pitch.

Note: When GUIDE is enabled, a series of beeps sound which simulates a 10m/sec canopy descent and when GUIDE is disabled, three warning beeps sound.

Climb to Altitude Warnings and Clock Selector

The OPTIMA 3™ is preset to beep at 1,000 feet on the climb to altitude. The altitude at which this beep sounds may be increased to the user's preferred altitude. The OPTIMA 3™ can also be set for up to three different altitude beeps during the climb to jump altitude.

At the lowest preset altitude, the OPTIMA 3™ sounds a sequence of beeps. These beeps have two functions:

1. The beeps indicate that the OPTIMA 3™ has calibrated itself to the local ground elevation and is ready to jump.
2. The number of beeps indicates the altitude at which the highest warning alarm is set; for example: If set to 4,500 ft, 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-ft altitude increment.

- **3 Canopy Descent / Low Speed Warnings:** The Canopy Descent warnings are essentially low speed warnings, and can also be used by wingsuit flyers to keep track of altitude in preparation for separation and canopy deployment.
- **Swoop Guide:** a unique series of beeps between the 2nd and 3rd canopy descent warning altitudes that increase in tempo as the canopy pilot approaches the 3rd warning altitude.

The OPTIMA 3™ stores up to 50 jumps with up to 15 minutes of jump profiles each accessed via Bluetooth® through our free JumpTrack App.

The OPTIMA 3™ is fully automatic and can be manually turned on or off. The OPTIMA 3™ continually reads ambient air pressure for real-time accuracy and attention to ground level.

The OPTIMA 3™'s small and ergonomic design provides the user with comfort and less bulk when used inside a soft or hard-shell helmet.

The OPTIMA 3™ is specifically designed for advanced skydiving disciplines: Large Formations, Relative Work, Free Flying, Wingsuit Flying, Student, Tandem, AFF, and also canopy related activities such as Accuracy and CRW.

OPTIMA 3™ sets the standard as being the most advanced audible altimeter available with more features, greater accuracy and the ability to finely tune your altitude awareness.

For further information or to ask questions about OPTIMA 3™ or any other LB Altimeters altitude awareness instruments, please visit LBAltimeters.com

---

High Speed Warnings, Setup Selector, and Altitude Offset

Perform ACCESS in the Main Window

Warning Bank Menu Functions

The OPTIMA 3™ has 4 freefall warning banks. When the warning bank icon 🔒 is flashing, press ◄ or ► to select warning bank 1 to 4.

Setting the Warning Altitudes

The setting of altitudes in each warning bank can be performed either on the ground or in the aircraft during the climb to jump altitude.

3 Warning Alarms

1. Press 🔘 until 1st warning altitude flashes
2. Press ◄ or ► to change 1st warning altitude
3. Press 🔘 again and the 2nd warning altitude flashes
4. Press ◄ or ► to change 2nd warning altitude
5. Press 🔘 again and the 3rd warning altitude flashes
6. Press ◄ or ► to change 3rd warning altitude

Disable Flatline Altitude

After setting the 3rd warning, press and hold 🔘 for 3 seconds. The Disable Flatline Altitude screen will open. The first line is the 3rd warning, and second line is the disable flatline altitude. Press ◄ or ► to set the altitude at which the flatline is disabled.

When the Disable Flatline Altitude is set, the 3rd warning altitude will flash between its setting and the Disable Flatline Altitude. For example, if the 3rd warning altitude is set for 2,500' and the Disable Flatline Altitude is set for 500'; the 3rd line will flash between 2,500 and 500 on the Main Window.

Note: For safety reasons, disable flatline altitude cannot be set above 1,000 feet and no closer than 200 Feet (70 Meter) from the 3rd warning. Default value "0" has been factory preset for disable flatline altitude, meaning the flatline is active all the way to the ground.

Should the battery voltage of the OPTIMA 3™ show low capacity, the beep sequence is followed by 5 short beeps. This indicates that the batteries should be replaced.

Note: At the same time the output volume setting is automatically changed to low volume "1" and it cannot be changed until the batteries have been replaced.

While the aircraft is climbing to altitude, the OPTIMA 3™ displays the current altitude at the top of the display.

Setting Climb to Altitude Warnings and Altitude Offset
The setting of warning altitudes can be performed either on the ground, or in the aircraft during climb to jump altitude.

Note: Minimum selectable height is 1000 ft (300 m). Default values '1000 ft'., '--- ft.', and '--- ft.' have been factory preset for Climb to Altitude Warnings.

In the Main Window mode, press ◁ to access the Climb to Altitude Warnings and Altitude Offset Selector. In this window perform ACCESS.

3 Warning Alarms
1. Press ◉ until 1st warning altitude flashes
2. Press ◁ or ▷ to change 1st warning altitude
3. Press ◉ again and the 2nd warning altitude flashes
4. Press ◁ or ▷ to change 2nd warning altitude
5. Press ◉ again and 3rd warning altitude flashes
6. Press ◁ or ▷ to change 3rd warning altitude

Automatic Sorting of Warning Alarm Altitudes
You may note that when setting the warning altitudes, it is possible to set the 1st warning alarm altitude lower than the second or even the 3rd warning altitudes. The 2nd warning altitude could be set to a higher value than the 1st warning altitude or a lower value than the

---

3rd warning altitude, and so on. This is not a problem – when the OPTIMA 3™ exits ACCESS mode, it will automatically sort and store the warning alarms such that the highest warning altitude become the 1st warning alarm, the next highest warning altitude becomes the 2nd warning alarm, and the lowest warning altitude becomes the 3rd warning alarm.

1 or 2 Warning Alarms
If you only want 1 or 2 warning alarms, preset the alarm(s) not used to '--- ft.'

Viewing Time, Date, Year and Logbook Jump Counter
Built-in clock
In the Climb to Altitude window, press ◁ to display the time. The time is in 24-hour format. The time is displayed for 15 seconds and then reverts back to the Main Window.

In the Time Display, press ◁ to view day and month. Press ◁ again to view year.
Press ◁ again to view the logbook jump counter.

Setting the Time, Date, Year, and Logbook Jump Counter
From the Climb to Altitude window, perform ACCESS and press ◉ repeatedly until the clock icon ⏱ flashes. Then press ◁ or ▷ to adjust the time.
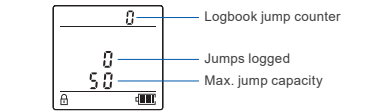
Press ◉ again to set the date and month in DD-MM format.
Press ◁ or ▷ to adjust the date and month.

Press ◉ again to set the year in YYYY format.
Press ◁ or ▷ to adjust the year.

Press ◉ again to set the logbook jump counter.
Press ◁ or ▷ to adjust the number of jumps.

Logbook Storage
The OPTIMA 3™ can store 50 jumps with up to 15 minutes of jump profiles each. When the storage is full, the OPTIMA 3™ will overwrite the lowest jump number in memory.

Logbook jump counter
Jumps logged
Max. jump capacity

Enable Bluetooth®
Bluetooth® is automatically on and discoverable for 2 minutes after turning on the unit. Bluetooth® will auto turn off after 2 minutes from last key press.

To enable Bluetooth®, press and hold ◉ for 2 seconds. A high pitch tone indicates that Bluetooth® is enabled. The Bluetooth® icon ⓑ will flash, and the device is discoverable for 2 minutes.

If the JumpTrack App is connected to a device, Bluetooth® icon ⓑ will stay on (not flash).

Note: ACCESS is disabled for all settings while connected to JumpTrack via Bluetooth®.

Disable Bluetooth®
To disable Bluetooth®, press and hold ◉ for 2 seconds. A lower pitch tone indicates that Bluetooth® is disabled.

Double Tap Bluetooth® Activation
To enable double tap Bluetooth® activation, press and hold the mode button ◉ for 10 seconds. Enable or disable TAP using ◁ or ▷ , and press ◉ to save the setting. With Double Tap enabled, firmly double tap the front or back of the case of your OPTIMA 3™ to enable or disable Bluetooth®.

Note: In respect of aviation safety, Bluetooth® is turned off and not possible to enable after take-off (when the device is in Flight Mode). It can not be turned on before the OPTIMA 3™ has returned to Ground Mode.

OPERATIONAL CONSIDERATIONS
Prior to Jumping
The OPTIMA 3™ continually adjusts to the local elevation and displays **0 FT** or **0 MTR** at the top of the display. If the top of the display does not show **0** (or your selected altitude offset) prior to jumping, the unit has not adjusted itself to the local elevation and it must be manually zeroed. See the section Altitude Offset above.

Note: To save battery power, the screen display will switch OFF after 10 minutes. However, at any time the unit is active and will give audible warnings as programmed.

Setting an Altitude Offset
If the drop zone (DZ) elevation is different from that of the take-off airport, you may compensate for this difference by setting an Altitude Offset – see the section Altitude Offset above.

Battery Status
▮▮▮▮ Full capacity.
▮▮ Half capacity.
▮ Low capacity. Batteries should be replaced as soon as possible. As a reminder, 5 short beeps sound when climbing through the lowest preset climb altitude. At the same time, the output volume setting is automatically changed to low volume "1".
▯ Empty batteries. Empty battery icon flashing. Replace batteries immediately.

Mounting the OPTIMA 3™
The OPTIMA 3™ can be mounted on the outside of a helmet. Loop wax cord through the four mounting holes and fasten with knots to the helmet.

Note: Make sure that there is no material between the OPTIMA 3™ buzzer hole and your ear.

Resetting the OPTIMA 3™
Press a paperclip into the tiny hole on the rear side of the unit and release. The unit restarts.

Note: Customer settings are kept in non-volatile memory when resetting the unit.

Air Filter
The OPTIMA 3™ is water resistant against minor splashes of water. The Air Filter is the white circular part mounted on the side of the unit. If it becomes wet, let the OPTIMA 3™ dry in a warm place for 48 hours.

Note: The Air Filter must be replaced if jumping is resumed quickly or if the OPTIMA 3™ has been submerged into water. The Air Filter removal tool kit is an accessory which can be purchased separately.
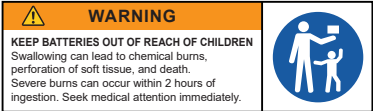
OPTIMA 3™ Firmware Version
Perform reset. The version number is displayed at the upper part of the screen (altitude area). The numbers displayed in the middle of the screen are factory reference numbers.

Battery Replacement
Using a T6 screwdriver, carefully remove the screw from battery cover and remove batteries. Install new batteries and note polarity. Use only Renata CR 2325.

Note: Reset the OPTIMA 3™ after replacing batteries. Customer settings are kept in non-volatile memory when removing batteries. However, the built-in clock may need to be reset to the current time.

⚠ **WARNING**

KEEP BATTERIES OUT OF REACH OF CHILDREN
Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.

LB Altimeters strongly recommends changing the batteries once a year!

Using the OPTIMA 3™ with the JumpTrack App
1. Download and install the LB Altimeters App from App Store or Google Play
2. Make sure Bluetooth® is activated on your phone or smart device.
3. Press and hold the mode button ◉ for 2 seconds to enable Bluetooth® pairing on your OPTIMA 3™.

   When the Bluetooth® icon flashes in the display of your OPTIMA 3™, your altimeter is ready to pair.

4. Pair your device in the JumpTrack App and not from the Bluetooth® settings on your phone or smart device.

   In the App, go to **Altimeters > Add altimeter**. From the list of available altimeters find your device and press the **Connect** button.

5. Your OPTIMA 3™ is now connected.

Apple, the Apple logo and iPhone are trademarks of Apple Inc., registered in the U.S, and other countries. App Store is a service mark of Apple Inc.

Android and Google Play are service marks of Google Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, inc.

Troubleshooting
When the OPTIMA 3™ detects a fault, an error (**ERR**) sign and troubleshooting number 2 to 4 are displayed in the upper part of the screen. At the same time the unit beeps every minute.

The **ERR** troubleshooting codes are as follows:
ERR 2, **ERR 3**, **ERR 4** = unit is defective.
Remedy: perform reset.

Master Reset
If the unit does not function correctly even after replacing batteries and pressing reset, perform the following: Press ◉ and hold while resetting.

While holding ◉ down, the OPTIMA 3™ counts down from 10 to 0. Upon reaching 0, release ◉ and within 10 seconds press ◁ and ▷ at the same time. The OPTIMA 3™ resets to factory default.

The erase logbook function will take up to 30 seconds.

Important: ALL logbook data and Jump totals are erased by this function and can NEVER be recovered by any data recovery function.

All warnings are restored to factory default.

If the unit is still faulty, please contact your local dealer or LB Altimeters.

Fast Off
To switch the unit off from the Main Window, press and hold ◁ and ▷ for 5 seconds. The OFF icon in the icon area of the main screen turns on.

Press ◉ to turn the OPTIMA 3™ off. When powered off, the OPTIMA 3™ cannot be used for jumping.

SPECIFICATIONS
Dimensions: 52 x 40 x 12 mm
(2.16 x 1.57 x 0.47 inches)

Weight: 26 grams (0.9 oz.)

Battery type: 2 x Renata CR 2325

Battery Lifetime: 2.5 years or 500 jumps

Freefall alarm sounds:
1st warning: One 3 second pulsating alarm if vertical airspeed exceeds 13 m/sec at preset altitude.
Sound sequence: Pulsating, low repetition.

2nd warning: One 4 second pulsating alarm if vertical airspeed exceeds 13 m/sec at preset altitude.
Sound sequence: Pulsating, high repetition.

3rd warning: Siren alarm as long as vertical airspeed exceeds 13 m/sec at or below the preset altitude. After deployment the trigger speed switches to 35 m/sec.
Sound sequence: High pitch continuous siren.

Low Speed alarm sounds:
1st warning: One short 0.2 second beep
2nd warning: Two short 0.2 second beeps
3rd warning: One long 1.3 second beep
Climb to Altitude Warnings: Two 0.2 second beeps

Maximum alarm volume: 117 dB
(at pitch 4, volume 10)

Freefall alarm calibration range: 1,000 to 9,900 feet (300 to 3,010 meters)

Low speed alarm calibration range: 100 to 9,900 feet (90 to 3,010 meters)

Climb to Altitude alarm calibration range: 1,000 to 9,900 feet (300 to 3,010 meters)

Altitude selection interval: 10 feet (10 meters)

Operating altitude: 0 to 40,000 feet

Accuracy: ± 1.2%

Logbook:

Storage: 50 jumps with up to 15 minutes of jump profiles each

Minimum freefall time for logbook generation: Around 8 seconds

Accumulated number of jumps: 29,999

Tolerances:

Exit altitude: ± 1.2%

Deployment altitude: ± 1.2%

Freefall time: ± 1 sec

Speed (TAS/SAS): ± 3 mph (± 5 km/h)

Clock:

Accuracy: ± 4 min/month

Factory preset values:

Time: 12-00 (HH-MM)
Format: 24 Hrs.
Date: 18-01 (DD-MM)
Year: 2024
Jump Counter: 0

Operating temperature range: -20° C to +50° C (-4° F to +122° F)

Storage temperature range: -30° C to +60° C (-22° F to +140° F)

Radio transmitter:

Maximum output power: 4dBm

Operating frequency: 2360-2500 MHz

LB Altimeters part no.: 901-00035

NATO Stock no.: 6675-22-639-8157

OPTIMA 3™ complies with the applicable requirements of FCC Rule Part 15. RESPONSIBLE PARTY located in the United States: Testing Partners LLC, 18200 SR 306, Chagrin Falls, OH 44023, info@testingpartners.com

---

201-170920

Contains
FCC ID: SH6MDBT42V
IC: 8017A-MDBT42V
MIC: 201-170920 / 00

CE labelling
By means of the CE mark LB Altimeters declares that this product meets the general safety requirements stipulated in the CE marking directives.
By means of the CE mark, LB Altimeters guarantees that the product is manufactured in accordance with common European safety, health, and environmental requirements.

WEEE
Electrical and electronic equipment (EEE) and materials can be dangerous or hazardous to either health or the environment and must be disposed of correctly. Device must not be disposed of as general household waste but must be collected separately.