STRATOS

High Altitude Low Temperature Air Pressure Altimeter & GPS

User Manual

Deep and Steep LLC

Contents

1. User Interface

Start with "how to use the device", which explains buttons, the main screens, and menus within each screen.

Next go on to explain the display units, how to change units, and give a table of units used for each data type (distance to lz, ground speed, freefall speed, etc...)

Display Units

	Imperial	Metric
Altitude	Feet	Meters
Vertical Speed (in aircraft)	Feet per minute (fpm)	Meters per second (m/s)
Vertical Speed (freefall and canopy)	Feet per second (fps)	Meters per second (m/s)
Ground Speed	Nautical miles per hour (kts)	Kilometers per hour (kph)
Ground Track	Degrees	Degrees
Turn (Relative Bearing to LZ)	Degrees	Degrees
LZ Distance	Nautical miles (nm)	Kilometers (km)
Exit/Open altitude (recent jumps list)	Feet	Meters
Freefall/Canopy avg. & max speeds (recent jumps list)	Miles per hour (mph)	Kilometers per hour (kph)

1. Quick Start

The Stratos digital altimeter and GPS data logger is ready to go out of the box. By default it will display feet (ft) for altitude, feet per minute (fpm) for ascent rate. GPS tracks will automatically be recorded on each skydive.

To turn on the Stratos, press the select button (it's the center button on the right side). Go to the [buttons](#) section if you are unsure.

Charge the Stratos for at least 20 minutes (preferably longer to get full battery) before your first skydive.

2. Buttons

Up

Select / Power On

Down

Open Menu

To open a menu, press the select button on any of the main screens.

Scroll Through Screens

To scroll through the main screens (time, info, gps information, jump log, altitude), press the up or down button.

3. Charging and Battery

Battery Life

Approximately 33 hours of GPS use. The exact number of skydives will depend on factors such as the jump profile (high altitude, long canopy flights, etc..) and other systems such as the front light and wireless connectivity. Without the GPS running (for example while on the ground between skydives), the Stratos battery will hold a charge for over 4 months.

Charge Time

The battery charges through the USB-C port. If the Stratos battery is at 0% charge, it will take approximately 1.5 hours to completely recharge the battery.

A charge of as little as 20 minutes will be enough to get through a day of jumping. Useful if you forgot to charge the Stratos and arrived at the DZ with a dead battery.

Long Term Storage

If storing the Stratos for periods of longer than a month, the following conditions are best to maintain the overall battery capacity:
- Store at a battery charge between 40% to 60%
- Store at temperatures between 0°C to 35°C (14°F to 95°F)

Lithium Ion batteries in any device can lose capacity over time. Long term storage of a battery outside of the parameters listed above decreases the battery life of the device. If possible never store the battery completely drained as this can damage the battery and degrade its capacity further.

4. Display Screens

Home

The home screen displays everything needed for pre-jump checks.

The top line displays the current time and the battery charge percentage.

The next line displays the LZ mode: Auto Zero, Altitude Offset, or QFE Pressure Offset. If an LZ offset is currently applied, the next line will display "AGL" and the current altitude above or below the target LZ.

"Cur. mb" displays the current air pressure in millibars.

Info

The info screen displays the date at the top of the screen. The remainder of the screen is split into sections:

Battery	The percent charge of the battery. "Full" will be displayed when the battery is fully charged. "Low" will be displayed when the battery is at 8% charge or less.

Storage	The percentage of available storage memory for the logbook and GPS track files. The Stratos will automatically delete old GPS files to maintain at least 512kb of free memory for the next GPS track to be recorded. It is a good idea to move older GPS tracks to a computer for long term storage, before the Stratos deletes them.
HUD	Status of the HUD system (powered by Engo glasses). The status will show "on" when the device is currently paired with the Engo glasses.

GPS

The GPS screen displays information related to the GPS capabilities of the Stratos. The rows from top to bottom on this screen are:

Signal Bars	The GPS signal strength is represented by 4 bars, similar to a smartphone. The GPS will turn on while on this screen. In a clear area with no overhead obstructions the GPS will usually have 3 to 4 bars and a GPS location within 2 minutes.
LZ Dist.	Distance to the marked LZ, reported in nautical miles (nm). This row will only display a distance if you have a currently marked LZ.
Mag. Dec.	The current magnetic declination setting. See Magnetic Declination in the menu for more information.
GPS Rec	Yes - GPS is currently recording locations to the log file. No - GPS is not recording.

For detailed information of the GPS system, read the section "Stratos - Features and Functionality".

JumpLog

This screen gives an overall view of jump numbers, how many jumps have been performed today, and total accumulated times for freefall and canopy.

More detailed logbook information about the previous 20 skydives is accessed through the menu from this screen.

The full logbook is viewed by accessing USB Mode and viewing the logbook.csv file. Up to 60,000 skydives can be stored in this logbook.

Ascent

The ascent screen will display automatically when you take off in an aircraft and begin to ascend. If you are in a menu this won't happen automatically. You can exit the menu and use the up/down buttons to scroll through screens in order to find the ascent screen.

The current altitude is displayed in the center row of the screen, formatted as [thousands].[hundreds][tens]. For instance the center display will read "3.28" to indicate 3,280 feet AGL.

The ascent screen displays 4 other pieces of information in the boxes at the 4 corners of the display (clockwise from the top left):

Display Name	Display Info

Gt	Direction of ground track (degrees) ⚠️ *GPS signal is required*
Gs	Ground Speed (nautical miles per hour, aka knots) ⚠️*GPS signal is required*
V	Vertical Speed (feet per minute or meters per second)
Lz	Distance to LZ (nautical miles) ⚠️*GPS signal is required and an LZ must be marked*

Freefall

The altitude screen will automatically display whenever the Stratos is descending fast enough to be considered freefall speeds. There is no way to change the screen while the altitude is being displayed, and all buttons are disabled.

The altitude will be shown in one of these 3 formats (depending on the altitude and descent rate):

- [ten thousands][thousands].[hundreds]
  - I.e. "12.5" signifies 12,500 feet (or meters)
- [thousands].[hundreds]
  - I.e. "2.5" signifies 2,500 feet (or meters)
- [hundreds][tens]
  - I.e. "830' signifies 830 feet (or meters)

Altitude Display (Standard Mode)

In standard mode the altitude display under canopy will be the same as the altitude display format in freefall (see the freefall section above).

This mode is suitable for anyone who isn't interested in GPS navigation info, or students who shouldn't be distracted with extra information. This display option emphasizes large altitude numbers for easy readability.

Altitude Display (GPS Mode)

If "Nav CP" or "Nav CP+FF" mode is selected for the display mode, extra GPS based information will be displayed when you are descending more slowly than freefall (for example, while flying a canopy).

The altitude is displayed in the center row of the screen, formatted the same way that is used on the freefall screen.

This screen also displays 4 other pieces of information in the boxes at the 4 corners of the display. The information shown in these boxes can be configured from within the altitude screen's menu. This allows the user to select the information that is most relevant for their needs.

5. Menu System

The Stratos menu system is divided across the main screens. To open a menu, press the select button on any main screen. Each menu is listed below, organized by the main screen.

To navigate through menus, use the up and down buttons. Press the select button to enter a menu or select an option.

Home Screen Menu

USB Connect

Selecting this menu item will restart the device in USB mode. Connect the device to a computer or smartphone after it has restarted to view it as a USB storage device. The jump log will be accessible as a comma separated value file (logbook.csv).

If the altimeter doesn't show up as a connected device, disconnect the USB cable and then reconnect the cable to your computer or smartphone.

Press the select button once to return the Stratos to altimeter mode.

⚠️Exit USB mode before boarding an aircraft, or it will not work as an altimeter.

Set Time

Exit	Exit the main menu without saving any time changes.

Hour Type	Change the time display to 12 hour or 24 hour format.
Set Timezone	Set the timezone offset in hours. This offset will be applied to UTC time from the GPS in order to set the clock on the Stratos. ⚠️Stratos must have GPS signal before the time changed can be applied. Until then the time will display "-- : --".

Shutdown

Turn off the altimeter. The altimeter will no longer detect the ascent of an aircraft or a skydive in progress. This mode is best to save battery. To turn on the altimeter, press the select button.

Light: Auto / On

Control settings for the display light.

Auto	The default display light mode. The display light will automatically turn on in low light and night situations. During a skydive the light will turn on and stay on if the light is dim or dark. On the ground and in the airplane, the light will turn on for 15 seconds when a button is pressed, and then turn off to save battery.
On	Force the display light to stay on all the time, regardless of the ambient light levels. This setting will change back to "Auto" after a skydive is completed and the altimeter logs a jump. ⚠️ If the light is set to "on" and left that way without doing a skydive, it will stay on for up to 14 hours and the battery will drain much more quickly than normal.

System Info

The device model, firmware version and other information regarding the status of the device are displayed on this screen.

Date/Info Screen Menu

HUD

Pair Engo	Opens a screen to search for Engo devices in the area and connect to a single Engo device from the list.
Disconnect	Ends the wireless connection to the Engo glasses.
Top:	Top line to display on the HUD. Can be set to none.
Ctr:	Center line to display on the HUD. Can be set to none.
Btm:	Bottom line to display on the HUD. Can be set to none.

Training

Lockdown (aka "Student Mode")	Selecting this mode forces the Stratos to only display the altitude screen and disables all other screens and all menus. This can be used for student altimeters to disable all functionality except showing the altitude. In lockdown mode the Stratos will still record GPS tracks automatically for each skydive. To get out of Lockdown, force restart the Stratos.
Freefall Demo	Performs a demo freefall skydive from 13,000 feet, ending at 4,000 feet. The altitudes change at a rate of approximately 5.5 seconds per 1,000 feet. Useful for training students from exit to pull time. Press the select button to exit the demo at any time.

GPS Info Screen Menu

Mark LZ Here

This will attempt to save the LZ coordinates at the current location. You can only save coordinates if the Stratos has an accurate GPS location (based on having a 3-D fix and a minimum position accuracy).

Tips	• To assist the GPS signal, stand in a clear area with no overhead obstructions within a 20 foot radius. • If your Stratos was recently turned on, it may take up to 5 minutes for the GPS to acquire your location for the first time. • Stand at your desired landing point when marking the LZ to have the most accurate distance reporting from the LZ while on jumprun.

LZ Coordinates

Set the coordinates of the LZ. This allows marking LZ locations for off-site and unknown LZ jumps. Coordinates can be entered in latitude/longitude or MGRS.

Tips	• The default LZ coordinates are in the decimal degree format. • Entering 5 decimal places of accuracy for latitude and longitude is roughly 1 meter location accuracy. Entering 4 decimal places is roughly 100 meter location accuracy.

	● Use a coordinate converter if needed: https://gps-coordinates.org/coordinate-converter.php

M. Declination (Magnetic Declination)

Set the magnetic declination for your area. This will correct the ground track direction displayed while on jumprun to the local magnetic heading. It is very likely that the aircraft heading will be reported in degrees magnetic as well.

Tips	● Without a declination, the ground track reported by the GPS is true north, and will be inaccurate when compared to an aircraft magnetic heading by up to 15 degrees. ● Find your local magnetic declination and enter it prior to jumping for the day: https://www.magnetic-declination.com/

Rec: (GPS log recording)

This option controls the GPS information recording status.

Auto	(Default) The Stratos will start recording a jump when it detects the aircraft has passed 300 feet AGL, and will stop recording automatically when it detects the end of a skydive and logs the jump.
Manual (Low)	The Stratos will record GPS information immediately. The rate of recording is lower when on the ground or in the aircraft (approximately every 30 seconds), and increases to 3hz when in freefall and flying a canopy. The manual setting will stop recording automatically when it detects the end of a skydive and logs the jump.
Manual (High)	The Stratos will record GPS information immediately, at a rate of 3hz. The manual setting will stop recording automatically when it detects the end of a skydive and logs the jump.

Jump Log Screen Menu

Recent Jumps

Displays logbook information for the previous 20 jumps.
Using the up/down buttons will scroll through the jumps (each jump has 3 pages of information).
The select button will exit the recent jumps screen.

Counter Reset

Resets the jump counter to 0.

The jump counter is incremented by 1 each time a jump is made. It is different from "Total Jumps" in that the user can reset the jump counter to 0 at any time.

An example of how to use the jump counter is to track jumps on a new lineset.   Reset the counter to 0 when a new lineset is installed. Now it is possible to know exactly how many jumps are on the lineset, which can assist as a reminder to inspect the lines at regular intervals.

Total Jumps

Set your current jump number. The altimeter will begin to count up from that number with each additional jump.

⚠️ This setting does not change previous log book records. You must edit those by hand in the CSV file (logbook.csv) if they are incorrect.

Altitude Screen Menu

DZ Options

Auto DZ Zero	Default mode on startup. The altimeter will adjust for local air pressure and temperature changes throughout the day. This mode is best for when you are taking off and landing at the same area. This mode can mistake car rides over hills or mountains as a skydive. Best practice is to turn on your altimeter at the dropzone when you arrive. Press and hold the select button for 10 seconds then release to reset your altimeter if it isn't correctly on ground level at the dropzone.
LZ Offset	This setting saves the offset from the takeoff point to the landing area. This value will be in feet or meters depending on the units the altimeter is currently using. Values can be adjusted in increments of 10 feet/meters only. Enter a negative number if the landing area is lower in elevation than the takeoff area. Enter positive numbers if it is higher in elevation. The altimeter will reset to "Auto DZ Zero" mode when it detects a skydive has been completed. If you land at an area with a significantly different offset (for instance you land at an area 100 ft higher when you enter an LZ Offset of 300ft) the altimeter may not exit skydive mode for up to 20 minutes. Perform a reset if you do not want to wait for the altimeter to reset to ground mode.
Cur mB	The current air pressure reading from the pressure sensor. Displayed in millibars. This reading is updated internally by the altimeter once per minute while sitting on the ground, and multiple times per second while on a skydive.
Display Setup	Opens the menu to configure the display for freefall and canopy.
Units	Change the display units to either imperial (feet/mph) or metric (meters/kph).
LZ QFE	This setting sets the millibar pressure value at the intended LZ. When set, the Stratos will display all

	altitudes relative to this LZ pressure as the field elevation.

Display Setup

These options control what information is shown on the altitude screen in the corner boxes, and only apply if the display is set to "Nav CP" or "Nav CP+FF" mode. These options are for the top left, top right, bottom left, and bottom right quadrants of the canopy display. A full explanation of each option can be found here.

Mode	Changes the format of information displayed by the Stratos on the altitude screen. The options are:. - Standard: Only display the altitude, matching the format of the display when in freefall. - Nav CP: Display extra GPS information while flying a canopy. - NAV CP+FF: Display extra GPS information while flying a canopy and in freefall.
Top L.	Selects the information to display in the top left of the altitude screen.
Top R.	Selects the information to display in the top right of the altitude screen.
Btm L.	Selects the information to display in the bottom left of the altitude screen.
Btm R.	Selects the information to display in the bottom right of the altitude screen.

Units (ft/m)

Change the units the altimeter uses to display information.

Feet	Display altitudes in feet. Vertical speeds in feet per minute. Logbook speeds will be recorded as miles per hour.
Meters	Display altitudes in meters. Vertical speeds in meters per second. Logbook speeds will be recorded as meters per second.

6. Stratos - Features and Functionality

HALT Parameters

The Stratos has been tested for high-altitude (air pressure equivalent to 50,000 feet MSL) and low temperatures (to a minimum of -40 degrees). The Stratos will remain functional at those pressures and temperatures. However the following restrictions should be followed to ensure the longevity of the device:

- Sustained temperatures below -20°C for no more than 60 minutes
- 25,000+ feet MSL equivalent air pressure for no more than 60 minutes

Use of the Stratos beyond these time limitations increases the chance of display damage and may slow the display refresh rate.

Note: When performing high-altitude jumps from pressurized and heated aircraft the above requirements only apply after the Stratos is exposed to the external pressure and temperature.

Drop & Shock Parameters

The Stratos has been drop tested to 2 meters onto a hard concrete surface. The Stratos will continue to function after drops and other shocks producing similar forces. However hard hits and drops may cause cosmetic damage to the case and the display (in the form of "dead" pixels). Display damage after a hard drop may not show up until the next skydive. This minor damage does not hinder the effective use of the Stratos on subsequent high-altitude skydives.

Protect the Stratos like you would a smartphone while it is transported and stored to reduce these problems.

Water Resistance & Water Jumps

⚠️WARNING Regarding Water⚠️

Failure to fully clean and dry the water resistant membrane will hinder the ability of the device to provide an accurate altitude reading during a skydive.

This device is equipped with a water resistant membrane that allows air to enter while keeping out water. This membrane is found on the case back, behind the 4 small holes that allow air pressure to equalize inside the case.

After performing a water jump or if the case back gets wet for any reason, dry the device and any attached mount completely before another skydive. Dry in a warm area with low humidity for a minimum of 24 hours prior to taking the device on another skydive. Carefully clean the membrane and 4 small holes to ensure they are not blocked by any debris.

Logbook .csv File

The full logbook of all skydives is saved within a file called logbook.csv, accessed via USB Connect.

The data in this file is stored in metric units.
Altitudes - meters
Freefall & Canopy Speeds - meters per second
Distance to LZ - meters

GPS Display Data

The Stratos can display additional data along with the altitude on the altitude screen. The following data options can be configured from the menu:

Info.	Label	Description
Ground speed	Gs	Current ground speed in nautical miles per hour (kts). Why knots? Because that's what aircraft use, therefore this should match the speed reported by the jump plane's avionics.
Ground track	Gt	Current ground track direction in degrees. ⚠️Important Notes: - This direction is based on your direction of travel over the ground, not the direction you are currently facing. - This is reported in relation to true north, unless a magnetic declination is set. See the GPS menu section for more information on magnetic declination.
LZ Distance	Lz	Distance to the LZ in nautical miles, rounded to the nearest tenth of a nautical mile.
Vertical Speed	V	The current vertical speed. Unit selection will change how this information is displayed. Feet per minute or meters per second on the ascent screen (to match general aviation Vspeed instruments). On the canopy & freefall screens this will display either feet per second or meters per second.
Glide to LZ	Lg	The glide ratio needed to make it back to the marked LZ. This will only display a number if the LZ has been marked

		or LZ coordinates have been correctly entered manually.
Current Glide Ratio	Gl	Current glide ratio. This number will have an "!" (exclamation point) at the end if it is lower than the Lg (glide ratio needed to make it to the LZ). For more information on glide ratios and how to use them on your skydive, see below.
Turn to LZ	Tu	Direction to the LZ. Expressed as a turn left or right, and the number of degrees to turn in order to line up with the marked LZ.. ⚠️Important notes: - This works whether or not the magnetic declination is set. - The LZ must be marked in order for this data to display.

HUD (Engo glasses)

Heads up display (HUD) glasses connect to the Stratos using a wireless connection.

⚠️**Suggested Minimum Experience**⚠️

- Anyone connecting HUD glasses to a Stratos should have a minimum of a USPA B-license or equivalent.
- Anyone using the HUD glasses on a skydive should meet the USPA guidelines for currency according to their license level, prior to wearing the glasses on a skydive.
- Always get comfortable with the HUD on a few easy skydives using your normal parachute equipment.

⚠️**Required Stratos Positioning**⚠️

While using the HUD glasses, always wear the Stratos in a location where the screen is visible (for instance on a wrist mount or a mudflap mount). This is important for connectivity and altitude reading redundancy.

The wireless connection can be blocked if the Stratos is in a back pocket, a wingsuit wing pocket, or mounted on the back of a helmet. If the wireless connection is lost during a skydive, it is important to be able to use the Stratos's built in display as the primary altimeter.

Deep and Steep does not recommend using the HUD glasses as the only means of visual altitude cues on a skydive.

The following information can be configured to any of 3 lines to be displayed on the HUD. See the section GPS Display Data for details.
- Altitude AGL (feet or meters)
- Groundspeed
- Groundtrack
- LZ Distance
- Vertical Speed
- Glide to LZ
- Current Glide Ratio
- Turn to LZ

Force Restart

⚠️**WARNING Regarding a Forced Restart**⚠️

Do not perform a restart while in an aircraft or on your skydive. Doing so will make the altimeter restart with incorrect information, and it will no longer show an accurate altitude.

Only perform a restart while on the ground.

To perform a forced restart of the Stratos, press and hold the up and down buttons for 8+ seconds, then release. This will restart the Stratos.

Firmware Updates

If a newer version of the Stratos firmware is available (email support@deepandsteep.io for latest firmware version), updating your Stratos is as easy as copying a file from your computer.

⚠️**Important Things to Know Before Updating Your Firmware**⚠️

The total jump number will be reset to 0. Remember your total jump number, and after the update go to the menu and set your jump number to your total number of skydives.

The recent jumps logbook that is displayed on the Jump Log screen will be reset. However your full jump log is saved as a .csv file on the flash memory, and this file will remain unchanged after the firmware update. Go to the menu and select "USB Connect" to view your logbook .csv file with all of your jump information.

The clock may be slightly ahead (by up to a few minutes) after a firmware update. The clock runs at a different speed during the update, and the more time that passes between entering "firmware update" mode and when the new firmware file is copied over, the further ahead the clock will be.

Set the time on the Stratos after the firmware update is completed, and the clock will hold accurate time once again.

1. Check the firmware version currently installed on your Stratos.
   a. From the home screen (this screen shows the time like a watch), press the select button to enter the menu system.
   b. Select "System Info"
   c. Press up or down to move to the firmware update page
   d. The line showing "Version: X.XX" is the current version of firmware on your Stratos.
2. While on the firmware update screen, press the select button 5 times within 5 seconds to enter firmware update mode.
   a. ⚠️ The display will go blank, this is normal.
   b. To exit this firmware update mode without copying a new firmware file, press and hold the select button for 10 seconds and then release it. The Stratos will restart itself without any updates.
3. Connect your Stratos to a computer using a USB-C cable.
   a. Your Stratos will show up as a USB drive on your computer.
   b. Open the drive as a folder in order to copy a file
   c. This folder will have a file called "CURRENT.UF2"
   d. Do not remove any files from this folder
4. Download the new firmware file to your computer
   a. This will also be a file ending in ".UF2", along with the firmware version.
   b. An example firmware file name: "stratos_v1_02a.uf2"
5. Copy the new firmware file on to the Stratos
   a. The Stratos folder on your computer will close automatically when the firmware file copy is completed
   b. The entire update process should only take 5 seconds
   c. The Stratos will restart itself with the new firmware
6. Verify the firmware version
   a. Go back to the firmware update screen and verify the version is correct
7. You now have a fully updated Stratos!

7. Specifications

Model: STR

Dimensions	75mm x 45mm x 17mm
Weight	86g

<u>Display</u>

Screen Size	36mm x 28mm (1.4" x 1.1")
Viewing Angle	120° x-axis, 120° y-axis

<u>Power</u>

Charge Voltage	5v DC
Charge Port	USB-C (PD enabled)
Charge Time	1.5 hours
Charge Temp Range	0°C - 55°C (32°F to 131°F) Lithium ion batteries will not charge below 0°C

<u>Environmental</u>

Max. Altitude MSL	15,244m (50,000 feet) Max altitudes rating is above MSL based on air pressure
Operating Temp.	-40°C to 55°C (-4°F to 131°F) Device operation at temperatures below -20°C for a maximum of 30 minutes
Storage Temp.	0°C to 35°C (32°F to 95°F)
Water Ingress	Depth of 1 meter for 30 minutes no water ingress
Drop	Height of 2 meters on concrete Device remains fully functional may cause minor display pixel bleed

8. Warranty

This Limited Warranty ("Warranty") is provided by Deep and Steep LLC ("Company") to the original purchaser ("Purchaser") of the Stratos altimeter ("Product"). This Warranty covers manufacturing defects in the Product for a period of one (1) year from the date of purchase, subject to the terms and conditions outlined below.

Warranty Coverage:

Duration: This Warranty is valid for a period of one (1) year from the date of purchase by the original Purchaser.

Coverage: This Warranty covers manufacturing defects only, which are defined as defects resulting from faulty materials or workmanship during the manufacturing process of the Product.

Warranty Exclusions:

This Warranty does not cover the following:

Normal Wear and Tear: Damages or malfunctions due to normal wear and tear, including but not limited to scratches, scuffs, chips, cracks, or fading of the Product's exterior.

Accidental or Intentional Damage: Any damage caused by accidents, misuse, abuse, neglect, unauthorized modifications, or alterations to the Product.

Loss or Theft: Loss, theft, or disappearance of the Product.

Failure to Follow Instructions: Damages resulting from failure to follow the Product's user manual or instructions provided by the Company.

Warranty Claim Process:

If you believe your Product is covered by this Warranty due to a manufacturing defect, please follow these steps to initiate a warranty claim:

Contact the Company's Customer Service department at support@deepandsteep.io to report the issue and obtain a Return Merchandise Authorization (RMA) number.

Package the Product securely to prevent further damage during shipping. Include a copy of your original proof of purchase and a detailed description of the defect.

Ship the Product, freight prepaid, to the address provided by Customer Service, along with the RMA number clearly marked on the package.

The Company will inspect the Product and determine if the defect is covered under this Warranty. If the defect is covered, the Company will, at its discretion, repair or replace the Product. In case of replacement, the Company will provide a product of equal or similar value.

The Company will cover the cost of return shipping for the repaired or replacement Product.

9. No Liability

No Liability Statement for Deep and Steep LLC

This No Liability Statement (hereinafter referred to as the "Statement") is issued by Deep and Steep LLC (hereinafter referred to as "Deep and Steep") concerning the use of skydiving products manufactured and distributed by Deep and Steep. The use of these products involves inherent risks associated with skydiving activities, which are recognized as a potentially dangerous sport that can result in serious injury or death.

1. Acknowledgment of Risks: Users of the Deep and Steep skydiving products (hereinafter referred to as the "The Products") acknowledge that skydiving is a high-risk activity that includes inherent dangers and uncertainties. These risks may include, but are not limited to, equipment failure, adverse weather conditions, parachute malfunctions, aircraft malfunctions, and the unpredictability of freefall.

2. No Reliance on The Products for Safety: Users expressly understand and agree that The Products are tools intended for informational and recreational purposes only. They are not to be solely relied upon for safety-critical decisions during a skydiving activity. Deep and Steep does not guarantee the accuracy, reliability, or suitability of The Products for any specific purpose, including safety-critical navigation or altitude monitoring.

3. Assumption of Risk: By using The Products, Users voluntarily assume all risks associated with skydiving activities, including the potential risks arising from the use of The Products. Users understand that any decisions made during skydiving should be based on a comprehensive assessment of all relevant factors and not solely on the information provided by The Products.

4. No Liability: Deep and Steep, its officers, employees, agents, and affiliates, hereby disclaim any and all liability for any claims, demands, losses, damages, injuries, or legal actions that may arise from the use of The Products, whether due to negligence, product defect, or any other cause.

5. No Warranty: Deep and Steep provides no warranties, express or implied, regarding the accuracy, fitness for a particular purpose, or safety of The Products. Users acknowledge that any data or information provided by The Products is subject to potential errors or inaccuracies.

6. Safety Training: Users are strongly encouraged to undergo proper skydiving training and certification from qualified instructors. It is the responsibility of each User to ensure their own safety by making informed decisions and exercising sound judgment during skydiving activities.

7. Indemnification: Users agree to indemnify and hold harmless Deep and Steep, its officers, employees, agents, and affiliates, from any claims, demands, or legal actions brought by third parties arising from the use of The Products.

8. Governing Law: This Statement is governed by and interpreted in accordance with the laws of the state of Florida, and any disputes related to its terms or use shall be subject to the exclusive jurisdiction of the courts located in the state of Florida.

By using The Products, Users acknowledge that they have read, understood, and agreed to this Statement, and they accept its terms and conditions. If Users do not agree with these terms, they should refrain from using The Products.

10. Regulatory

The model of this device can be found by entering the menu and selecting "System Info".

FCC Compliance Statement

CAUTION: The manufacturer is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

Product Name: Stratos
Product Model: STR
Manufacturer:
Deep and Steep LLC
230 Devon Circle
St Augustine, FL 32086
support@deepandsteep.io
www.deepandsteep.io

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2)

this device must accept any interference received, including interference that may cause undesired operation.

IC Warning

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1)This device may not cause interference.

(2)This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux normes CNR exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est assujetti aux deux conditions suivantes :

(1)Cet appareil ne doit pas causer d'interférences.

(2)Cet appareil doit accepter toute interférence, y compris celles qui peuvent entraîner un fonctionnement indésirable de l'appareil.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé sans restriction dans des conditions d'exposition portables.

Stratos