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FREEFALL DATA SYSTEMS

ColorAlti 3 audio-visual altimeter

US Patent No. 10,267,630 B2



ColorAlti 3 combines the stark warnings of an audible altimeter with the constant peripheral-vision altitude awareness that ColorAlti® technology enables. It is among the most flexible and capable altitude awareness devices in the industry. Log data and set up to five presets via Bluetooth LE on the FDS Altis app. Easy-to-use, always-on design. Multiple light options available (see reverse).

Key Features

- Hardcoat-anodized aluminum case
- Set via Bluetooth LE on a mobile device
- Customize up to five user presets
- Select presets on-the-fly on the device itself
- Easily copy presets and share settings
- Logs up to 500 jumps before sync necessary
- Interfaces with FDS Logbook
- Adjusts automatically to local elevation
- Custom freefall thresholds for wingsuiting
- Landing zone offsets possible
- Long battery life of up to four months
- Rechargeable lithium polymer battery
- Always-on design
- Adjustable brightness

Specifications

- Dimensions: 51.1 × 35.1 × 11.7 mm (2.01 × 1.38 × 0.46 in)
- Weight: 33.1 g (1.17 oz)
- Anodizing type: MIL-A-8625 Type III (hardcoat)
- Battery: rechargeable lithium ion 3.7 V 230 mAh
- Peak output volume: 90 dBA @ 10 cm
- Individual LED peak brightness: 1,000 mcd
- Operating temperature range: -40° to 65° C (-40° to 150° F)
- Operating altitude: -500 to 9,000 m MSL (-1,640 to 29,528 ft)
- Altitude resolution: 0.13 m (5.1 in)
- Sample rate: 25 Hz
- Charging temperature range: 0° to 50° C (32° to 122° F)
- USB connector: USB-C



**MADE IN
USA**

StickyLight 3

The new 10-LED StickyLight 3 builds on our years of experience in creating flexible circuit boards designed to be adhered to various skydiving helmets' visors. It has a sleek design, about the thickness of your average frame of glasses, and now features two clips facing opposing directions in order to better secure the cable and add additional strain relief. It fits almost any closed-face helmet and has become the most popular light option for this altimeter thanks to its significant light coverage despite its minimal footprint.



FlexiLight 3

FDS has dialed in the design of the FlexiLight, which was the first type of light we created for ColorAlti technology. The principle behind FlexiLights is that the gooseneck portion can be bent into shape and retains its form once installed. FlexiLight 3 contains four LEDs. Although they are intended primarily for open-face helmets, these lights can be used in closed-face helmets as well with the advantage being that they remain in place when the visor is lifted.



RigidLight 3

RigidLight 3 is another type of visor-based light that contains 10 LEDs. Unlike StickyLights, these lights contain a rigid circuit board mounted with screws and nuts that can be removed and mounted on other visors once the visor needs to be replaced. It has the smallest footprint of all of the options, but does require drilling into the visor.

