

Anywhere DATA SHEET

The shock and water resistant Man Down Plus communicates with LoneALERT using MPTP (Mobile Phone Telematics Protocol) through both SMS and GPRS to provide robust lone worker protection.

Battery Life and Usage

For reliable performance, use AAA Energizer® Ultimate Lithium 8x batteries (L92), NiMH rechargeable batteries, or line power. Using USB line power will NOT charge rechargeable batteries. The power light will blink red when batteries are low. Colder conditions and extreme heat can impact battery life. Always carry an extra set of batteries with you. Non-lithium batteries will work with SPOT but are not recommended for optimal performance. Test your SPOT device before each trip by sending a Check In message to yourself. SPOT performance and battery life may be degraded in operating environments where the SPOT GPS chip must take a longer time to acquire your GPS location, such as trying to send a message under dense foliage. For optimal performance, operate your SPOT with the logo side up in clear view of the sky. Using non-recommended battery types may degrade the performance of your SPOTs message transmission. SPOT Gen3 is designed to be rugged for outdoor use. Dropping the unit on hard surfaces (while not recommended) should not damage it, but can cause a loss of power and may damage the batteries. Power loss turns off your SPOT, stopping any current mode of operation. If dropped, SPOT recommends replacing the batteries for optimal performance.

Coverage

SPOT works around the world, including virtually all of North America, Europe, Australia and portions of South America, Northern Africa and Asia, as well as hundreds of thousands of square miles off-shore of these areas. It is important that you check SPOT's coverage for your destination before travelling. Visit FindMeSPOT.com/Coverage to view the latest coverage map.

Operating Conditions and Climate

Your SPOT is designed for adventure. However, like all electronic devices, it has its limits. SPOT relies on GPS and low earth orbit satellites to fix your location and send your messages. The transmitter (located underneath the SPOT logo) needs to have an unobstructed view of the sky, either outdoors or in a glass-enclosed area such as a vehicle dashboard. For safety, keep the following in mind regarding the care and usage of SPOT:

- IPX7 waterproof: Up to a depth of 1 m for up to 30 minutes
- (SPOT is not waterproof when being line powered)
- Operating temperatures: -22 F to +140 F (-30 C to 60 C)
- Operating altitude: -328 ft to 21,320 ft (-100 m to 6,500 m)
- Humidity and Salt Fog rated
- If you exceed 700 mph (Mach 1) GPS accuracy degrades

SPOT message Schedule

SPOT is designed to provide outstanding quality and reliability. For optimum reception always place your SPOT with the logo side up in clear view of the sky. Reception can be inhibited due to hills, buildings, metal roofs or other obstructions so it is normal that some messages may not go through.

That is why SPOT automatically sends multiple messages in every mode, giving you excellent overall reliability. In some modes, this means multiple attempts to send the same message, while in other modes it means regularly updating GPS coordinates and sending a new message with the most up to date information.

- **GPS**
- The GPS light notifies you whether or not SPOT is able to see the GPS satellites and obtain a GPS location.
- **Green** – The GPS light blinks green if SPOT sees the GPS satellites and is looking for/has found your
- GPS location.
- **red** – The GPS light blinks red if SPOT cannot see the GPS satellites and /or cannot find your GPS
- Location. If the GPS light blinks red, you should move to a location with a clearer view of the sky.

INDICATOR	BLINKING GREEN	BLINKING RED
GPS	Searching for GPS signal	GPS location fix failed, move to a new location
Message Sending	Message transmission	Last message was not sent
Check In or	schedule in progress	Message sequence
Custom Message	Message sequence	has been cancelled
Help	in progress	Help/SPOT Assist has
S.O.S.	SPOT in Help/SPOT	been cancelled
Tracking	Assist mode	S.O.S. has been cancelled
Power	S.O.S. is engaged	Track sequence
	SPOT in Track mode	has been cancelled
	On	Low battery