

## User Guide XSole PTI LED

# Understanding LED blinks of XSole PTI electronic module



*Electronic module of XSole PTI insoles embeds a LED*

**When XSOLE PTI module is hold vertically**, LED blinks quickly. It provides information about battery charging status

- RED : battery needs to be charged
- GREEN : intermediate charging status
- BLUE : battery fully charged

**When XSOLE PTI module is hold horizontally**, LED blinks provide information about XSOLE PTI status, communication quality and technical environment.

### RED BLINKS

Blinks	Module status	Number of blinks	Time between blinks series
2 red blinks every 4 seconds	Deep Sleep Mode	2	4s
1 red blink every 2 seconds	Inactive	1	2s
2 red blinks every 2 seconds	Active	2	2s
3 red blinks every 2 seconds	Still	3	2s
4 red blinks every 10 seconds	Sleep	4	10s
Continuous red blinks	Alert	Man-down 3 SOS 4	0.3s
1 red blink every 10 seconds	Standby	1	10s

*Note: Time between blinks (not to be confused with time between blink series) is fixed and very short: 1 tenth of a second (0,1s =100ms).*

**Deep Sleep Mode** : insoles can be switched into this mode using XS Manager application. In Deep Sleep Mode, XSole PTI communicate each 10 minutes and cannot trigger any alert.

**Active, inactive, Still et Sleep** : these are different modes XSole PTI module can switch to depending on wearer activity (moving or not). Each mode has a different communication rate with XS Manager but alert can be trigger instantly if required.

**Alert**: with the naked eye it is not possible to distinguish between the different alert states (SOS and, man-down alerts).

**Standby** : this mode disables all alert functionality and communication. It can only be triggered by TRAXxs customer service. To exit Standby mode, put the module on charge.

### GREEN BLINKS :

Green flashes provide information on GSM and GPS communications in progress.

Blinks	Communication type	Number of blinks	Time between blinks series
1 green blink every 2 to 10 minutes	GSM connection trial	1	Between 2 and 10 minutes
2 green blinks	GSM connection and dialog with TRAXxs servers successful.	2	Just after or a few seconds after a GSM connection trial
Green blinks every 3 seconds	GPS localization ongoing	Can vary depending on time required for localization	3 seconds

### BLUE BLINKS :

Blue flashes provide information on the presence of nearby XSpot beacons and on the receipt of an alert message from another pair of XSole PTI insole nearby.

Blinks	Meaning	Number of blinks	Time between blinks series
1 blue blink every 3 secondes	XSpot beacon(s) nearby	1	3s
1 blue blink (alone)	Alert message received from another XSole PTI insoles nearby	1	Can vary

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