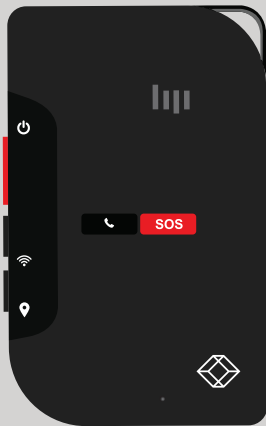


DATA SHEET

T57PX112G

MAGIKK PERSONAL TRACKER

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT [BLACKBOX.COM](https://blackbox.com)



BLACK BOX[®]

OVERVIEW

MAGIKK - PERSONAL TRACKER

INTRODUCTION

When the safety of your personnel is at stake – especially in remote or unsafe regions – you need a reliable way of staying connected.

Magikk Personal Tracker is a portable, lightweight, and rugged tracking device able to withstand extreme environmental conditions – making it easier to locate, track, and communicate with personnel and assets, regardless of their location.

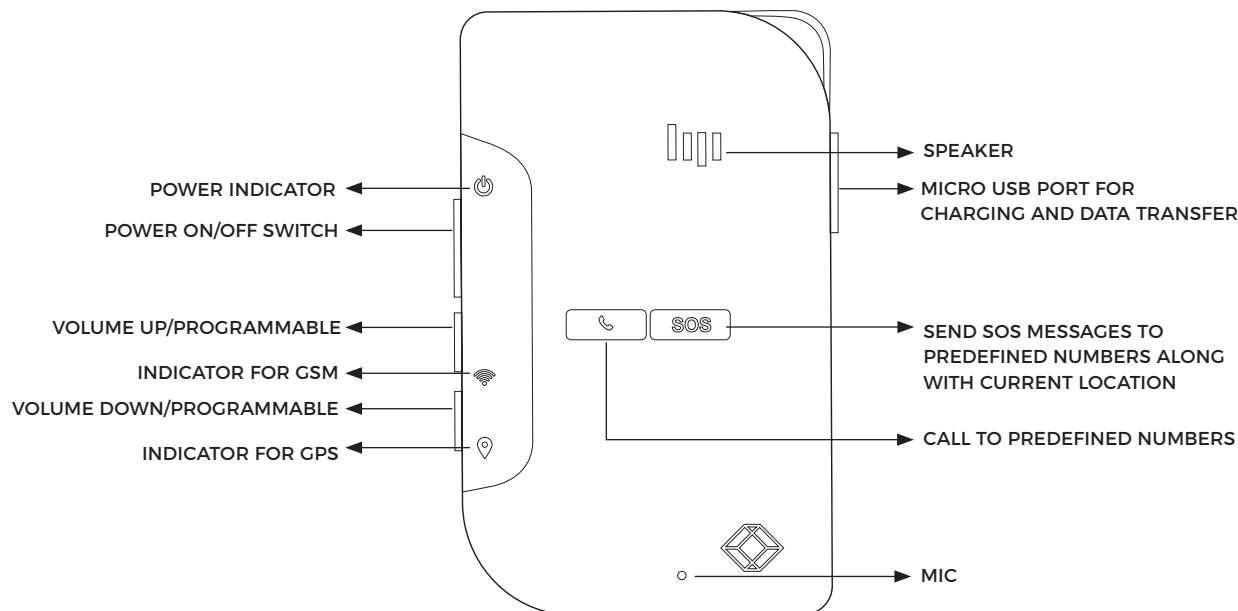
Equipped with an emergency fall down alarm, SOS functions, and an easy-to-use GPS tracking system, you can implement real-time tracking anywhere through a web app or mobile device.

FEATURES

- **MULTI-GNSS/LBS POSITIONING:** ACQUIRE PRECISION POSITIONING USING TWO DIFFERENT TECHNOLOGIES - MULTI-GNSS CONSTELLATION AND LBS POSITIONING
- **TWO-WAY COMMUNICATION:** SINGLE-CLICK CALL TO MULTIPLE PRE-DEFINED NUMBERS WITH CALL RECORDING OPTION AND SINGLE CLICK SOS
- **AFFORDABLE:** PROFESSIONAL ACCURACY AT A POCKET-FRIENDLY PRICE WITH COMPACT, LIGHTWEIGHT, AND RUGGED DESIGN FOR ALL-DAY USE IN HARSH ENVIRONMENTS
- **MULTI-FUNCTIONAL:** SUPPORTS APP CONFIGURATION, SOS BUTTON, MAN DOWN ALERT, GEO-FENCE ALERT, SILENT LISTEN-IN, VOICE RECORDING, AND ONE-TOUCH CALL TO PRE-DEFINED NUMBERS
- **INTUITIVE:** USER-FRIENDLY OPERATION AND REMOTE CONFIGURATION USING SMS
- **LARGE BATTERY:** 5-DAY BATTERY BACKUP

ILLUSTRATION

MAGIKK - PERSONAL TRACKER

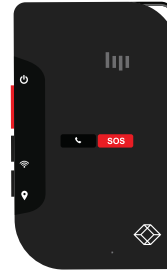


SPECIFICATIONS

MAGIKK PERSONAL TRACKER

WHAT'S INCLUDED IN THE BOX

- (1) MAGIKK PERSONAL TRACKER
- (1) AC CHARGER
- (1) DATA CABLE
- (1) LANYARD



| MAGIKK PERSONAL TRACKER | |
|----------------------------------|--|
| LOCATION / GNSS | |
| SYSTEM | GPS/QZSS L1 C/A, GLONASS |
| SBAS | SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN |
| CHANNEL / CHIP | 33 Tracking Channels / 99 Acquisition Channels; high-sensitivity receiver |
| SENSITIVITY | Tracking and NAV: -167 dbm • cold starts (aided): -149 dbm • reacquisition: -161 dbm |
| HORIZONTAL ACCURACY ² | <2.5 M CEP ¹ |
| ACQUISITION TIME | Cold Start: 35s • Aided start: 2s • Reacquisition: 1.5s |
| COMMUNICATION | |
| GSM/GPRS | GSM 850 / 900 / 1800 / 1900 MHz |
| SENSORS | |
| ON-BOARD | 3-Axis Accelerometer, Vibration Motor |
| POWER AND BATTERY | |
| TYPE | Rechargeable li-ion |
| CAPACITY | 3.7V 1000 mAh battery, 15 hrs run time (under typical conditions). |
| PORTS & LED | |
| USB | Micro USB 2.0 For charging and data transfer |
| LED | Power on/off, GSM, and GPS signal status, low-battery indication |
| ENVIRONMENTAL | |
| OPERATING TEMPERATURE | 14 to 140°F (-10 to +60°C) |
| STORAGE TEMPERATURE | -4 to 158°F (-20 to +70°C) |
| RUGGEDNESS | |
| WATER AND DUST PROOF | IP 65 |
| SHOCKPROOF | Multiple Drops from 6' (1.8 m) |
| HUMIDITY | 10 to 90% RH ±2 % |
| PHYSICAL SPECIFICATION | |
| DIMENSION | 80 x 55 x 25 mm |
| WEIGHT | 100g |
| APPROVALS | |
| CERTIFICATIONS ³ | CE, RoHS, IP65, Drop Test, Vibration Test |



ORDERING INFORMATION

| ITEM | SKU |
|---|-----------|
| MAGIKK GPS PERSONAL TRACKER WITH 1 YEAR WARRANTY | T57PX112G |
| LANYARD | T57AA1101 |
| WATER RESISTANT POUCH | T57AA1202 |
| BELT CLIP | T57AA1303 |
| ARM BAND | T57AA1404 |
| BATTERY 1000 MAH 3.7V | T57AA1505 |
| CHARGING CABLE | T57AA1606 |
| CHARGER UNIT WITHOUT CABLE | T57AA1707 |
| WEB PORTAL LICENSE FOR 1 YEAR/T57 DEVICE/ YEAR | T57SS1108 |
| USER APP LICENSE FOR 1 YEAR/T57 DEVICE/ YEAR | T57SS1209 |
| TELECOM USAGE PACK FOR 1 YEAR | T57SS1310 |
| EXTENDED WARRANTY FOR 2 YEARS | T57WW1111 |

DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

* All GNSS accuracy mentioned are subject to ideal condition and complete visibility of satellite constellations in open air condition.

ABOUT BLACK BOX

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.

NOTES

TRADEMARKS

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Any other trademarks mentioned in this document are acknowledged to be the property of the trademark owners.

1. SBAS (SATELLITE BASED AUGMENTATION SYSTEM). INCLUDES WAAS (WIDE AREA AUGMENTATION SYSTEM) AVAILABLE IN NORTH AMERICA ONLY, EGNOS (EUROPEAN GEOSTATIONARY NAVIGATION OVERLAY SYSTEM) AVAILABLE IN EUROPE ONLY, AND MSAS AVAILABLE IN JAPAN ONLY, GAGAN (GPS Aided GEO Augmented Navigation) AVAILABLE IN INDIA ONLY
2. HORIZONTAL ROOT MEAN SQUARED ACCURACY. REQUIRES DATA TO BE COLLECTED USING VERTICAL MOUNTING, MINIMUM OF 4 SATELLITES, PDOP MASK AT 99, SNR MASK AT 12 DBHZ, ELEVATION MASK AT 5 DEGREES, AND REASONABLE MULTIPATH CONDITIONS. IONOSPHERIC CONDITIONS, MULTIPATH SIGNALS OR OBSTRUCTION OF THE SKY BY BUILDINGS OR HEAVY TREE CANOPY MAY DEGRADE PRECISION BY INTERFERING WITH SIGNAL RECEPTION
3. CERTIFICATION IN PROGRESS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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