

DATA SHEET

T57PX112G

MAGIKK PERSONAL TRACKER

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT 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.

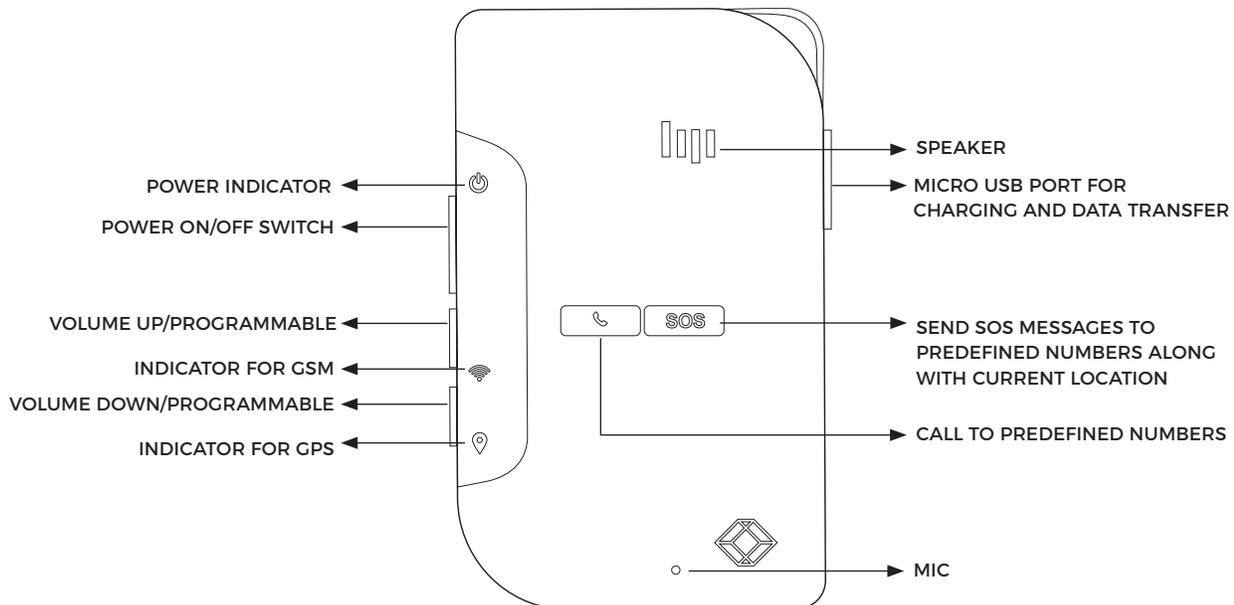
Equipped with an emergency fall down alarm, SOS functions, and an easy-to-use GPS tracking system, you can implement real-time tracking anywhere through a web app or mobile device.

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

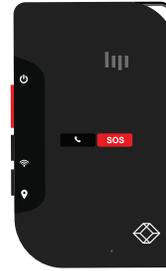


SPECIFICATIONS

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



