

# DATA SHEET

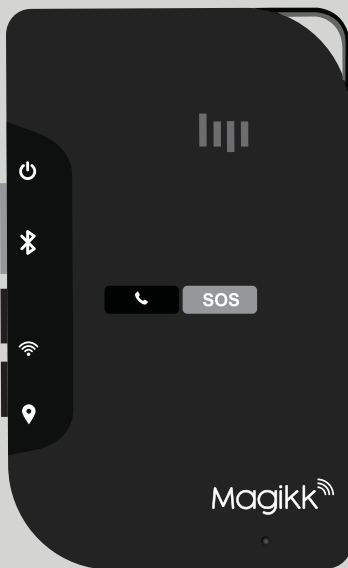
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T57

# MAGIKK PERSONAL TRACKER

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



# 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, rugged tracking device able to withstand extreme environmental conditions – making it easier to locate, track and communicate with personnel and assets, no matter where they are.

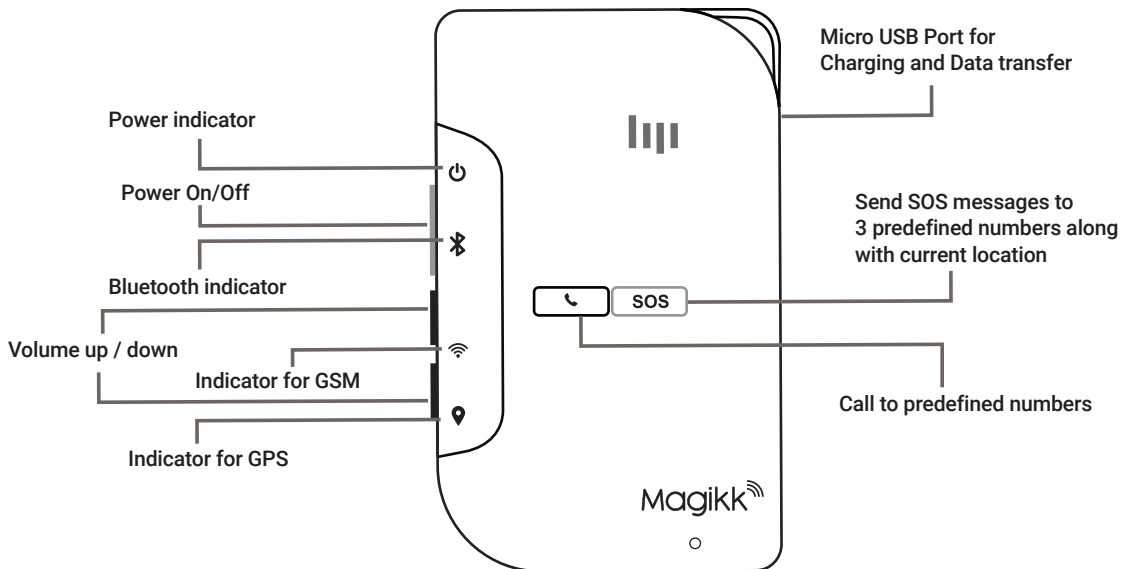
Equipped with emergency fall down alarm, SOS functions and easy-to-use GPS tracking system, you can implement real-time tracking anywhere through a mobile phone or laptop.

### FEATURES

- **MULTI-GNSS/LBS POSITIONING. ACQUIRE PRECISION POSITIONING USING MULTI-GNSS CONSTELLATION AND TWO DIFFERENT TECHNOLOGIES**
- **TWO-WAY COMMUNICATION. SINGLE CLICK CALL TO MULTIPLE PRE-DEFINED NUMBERS WITH CALL RECORDING OPTION,**
- **AFFORDABLE. PROFESSIONAL ACCURACY AT A POCKET-FRIENDLY PRICE. SINGLE CLICK SOS**
- **RUGGED & ERGONOMIC DESIGN. SMALL AND LIGHT-WEIGHT FOR ALL-DAY USE IP65 DUST & WATER**
- **MULTI-FUNCTIONAL. SUPPORT APP CONFIGURATION, SOS BUTTON, MAN DOWN ALERT, GEO-FENCE ALERT, SILENT LISTEN-IN, VOICE RECORDING AND ONE-TOUCH CALL TO PRE-DEFIND NUMBERS.**
- **INTUITIVE. USER FRIENDLY OPERATION REMOTE CONFIGURATIOIN USING SMS.**
- **LARGE BATTERY. DAY LONG BATTERY BACKUP AND 10 DAYS**

# ILLUSTRATION

## MAGIKK - PERSONAL TRACKER



# SPECIFICATIONS

## MAGIKK PERSONAL TRACKER

### WHAT'S INCLUDED WITH THE T57

- (1) MAGIKK PERSONAL TRACKER
- (1) 1-AC CHARGER
- (1) DATA CABLE
- (1) QICK START GUIDE
- (1) LANYARD
- (1) 1 YEAR WARRANTY CARD



T57

SPECIFICATIONS FOR MAGIKK PERSONAL TRACKER	
<b>MECHANICAL</b>	
<b>DIMENSION</b>	100x70x30 mm (max dimension)
<b>WEIGHT</b>	Less than 100g with battery, Easy-to-grip, impact-absorbing bumper
<b>BUTTONS</b>	
<b>SOS</b>	1 no.
<b>CALL</b>	1 no.
<b>POWER ON/OFF</b>	1 no.
<b>VOLUME UP/DOWN</b>	1 no.
<b>POWER AND BATTERY</b>	
<b>TYPE</b>	RECHARGEABLE LI-ION (LOW BATTERY INDICATION)
<b>CAPACITY</b>	3.7V 1000 mAh BATTERY, 15 HRS RUN TIME (UNDER TYPICAL CONDITIONS).
<b>PORTS &amp; LED</b>	
<b>USB</b>	MICRO USB 2.0 FOR CHARGING AND DATA TRANSFER
<b>LED</b>	POWER ON/OFF, GSM, GPS AND BT SIGNAL STATUS, LOW BATTERY INDICATION
<b>COMMUNICATION</b>	
<b>GSM/GPS</b>	GSM 850 / 900 / 1800 / 1900 MHz
<b>BLUETOOTH®</b>	V3.0 BLE TYPE 3.0, SUPPORT SPP AND HFP-AG PROFILES
<b>ENVIRONMENTAL</b>	
<b>OPERATING TEMPERATURE</b>	-10°C/14°F to +60°C/140°F
<b>STORAGE TEMPERATURE</b>	-20°C /-4°F to +70°C/158°F
<b>RUGGEDNESS</b>	
<b>WATER AND DUST PROOF</b>	IP 65
<b>SHOCKPROOF</b>	MULTIPLE DROPS FROM 6' (1.8 M)
<b>HUMIDITY</b>	10-90% RH ±2 %
<b>LOCATION / GNSS</b>	
<b>SYSTEM</b>	GPS/QZSS L1 C/A, GLONASS
<b>SBAS</b>	SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
<b>CHANNEL / CHIP</b>	33 TRACKING CHANNELS / 99 ACQUISITION CHANNELS, HIGH-SENSITIVITY RECEIVER
<b>SENSITIVITY</b>	TRACKING & NAV: -167 DBM • COLD STARTS (AIDED): -149 DBM • REACQUISITION: -161 DBM
<b>HORIZONTAL ACCURACY</b>	<2.5 m CEP
<b>ACQUISITION TIME</b>	COLD START: 35S • AIDED START: 2S • REACQUISITION: 1.5S
<b>SENSORS</b>	
<b>ON-BOARD</b>	3-AXIS ACCELEROMETER • VIBRATION MOTOR



# ORDERING INFORMATION

ITEM	CODE
MAGIKK GPS Personal Tracker	T57

NOTES \_\_\_\_\_

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Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to deliver ing superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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