LT70B Smart Locator

User Guide

Introduction

The following topics describe the basics of using this guide and your new tracker device.

Before You Begin

Thank you for purchasing your new LT70B Tracker!

The following topics explain how best to use this guide to get the most out of your device.

Before Using Your Device

Read Safety and Notices thoroughly for proper usage.

Accessible services may be limited by subscription contract conditions.

Guide Usage Notes

Note that most descriptions in this guide are based on your device's default settings at the time of purchase.

Screenshots and Key Labels

Screenshots and Key labels are provided for reference only. Actual windows, menus, etc. may differ in appearance.

Other Notations

In the user guide, the device may be referred to either as "Smart Locator," "Tracker,"

Package Contents

See below for details on everything you will find in the box for your LT70B.

- Smart Locator
- Key ring
- Belt clip
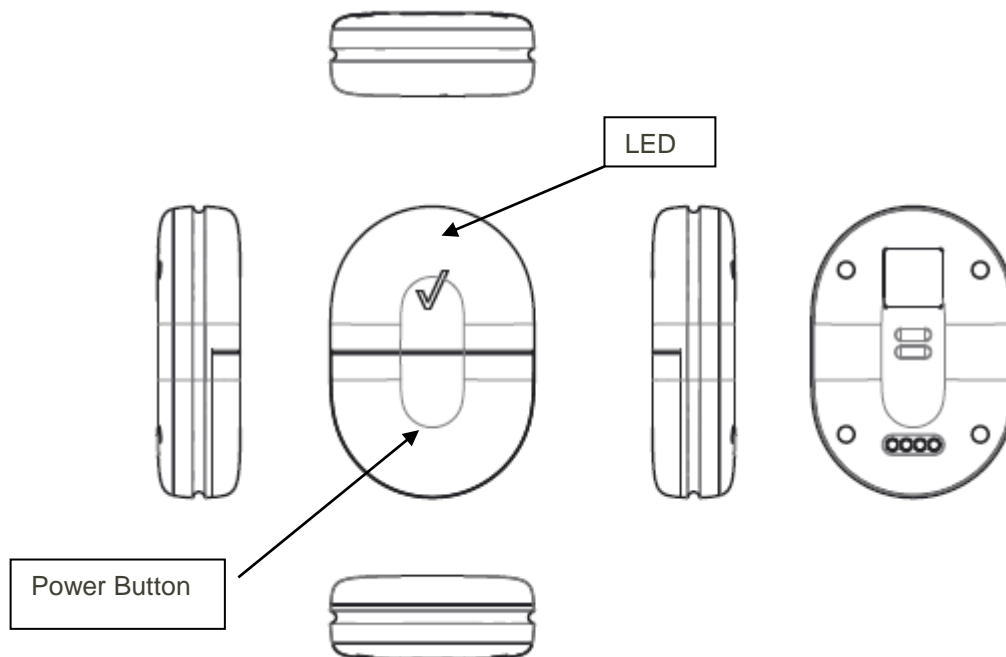- USB Charger

Get Started

The following topics give you all the information you need to set up your device and wireless service for the first time.

Device Parts and Functions

Learn your device's primary parts and functions.
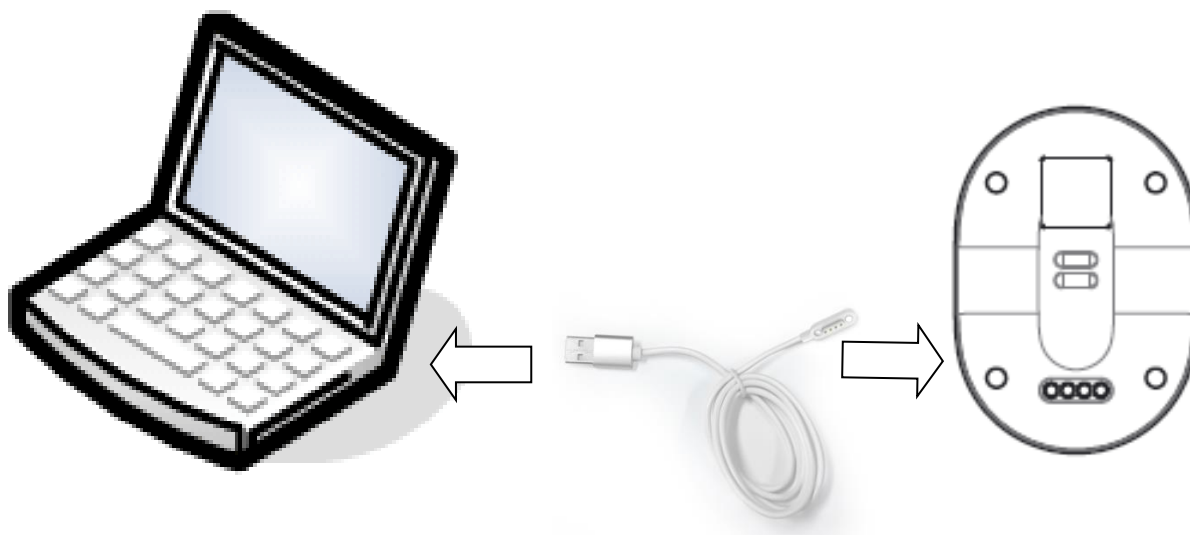
Device and Charger Layout

The following illustration outlines your device's primary external features and buttons.

LED

Power Button

Charge the Battery

Follow these instructions to charge your device's embedded battery using the included USB Cable.

1. Plug USB cable into USB port of PC

2. Connect the USB cable with 4 pogo pins in backside of device

⚠ Battery Charging Cautions

Charging Conditions: Under low temperatures charging performance decreases. Charge your device in temperatures between 0°C – 40°C. Do not charge in places where there is high humidity.

Use Supplied Accessories: Always use the supplied USB cable.

Precaution for Extended Use: Your device may become hot when used for a long time or while charging, especially in high temperatures. Prolonged contact with skin may cause low-temperature burn injuries.

Turn Your Device On
Press 1 second, LED turns ON once device powers ON and is GREEN for 2 sec

Turn Your Device OFF
Press the button .for 7 seconds

After 7 seconds, LED blinks Amber every 500 milliseconds to imply action needed. Quick button press within 2-3 seconds stops LED blinking and confirms power down. LED shuts off. Also sends a location update with shut off status.

How to Download the APP

Step 1: Power UP the device and Activate
- By pressing the button for 1 sec. device turns on with green LED and beeper
- When device is power on, the device will be activated automatically for next 2 ~ 3 min.

Step 2: Download the App

- Visit your App store on your smartphone.
- Search for "Smart Locator"
- Find the App, download and install.
- Create Username and Password

Step 3: Begin registering your tracker device

- Register your IMEI of the device via Bluetooth.
    a. If not successful via Bluetooth, scan the IMEI 2D barcode number located in the device or on the packaging box.
    b. If not successful via IMEI barcode scan, you can enter 15 digit IMEI number manually

Step 4: Create a profile and Virtual Geo-Fence

- Create your profile during the setup
- Create your Geo-fence by drawing your own fence boundary either circular format or free format
- Create your Geo-fence by selecting home Wi-Fi SSID.

Device and Battery Charger LED Scenario

Function	Button Press Duration	LED Color	Device Behavior	Sound
Power ON	1 sec press	GREEN	LED turns ON once device powers ON and is GREEN for 2 sec	2-tone rising beep
Power OFF	7 second long-press, button release, followed by quick button press.	AMBER	After 7 seconds, LED blinks Amber every 500 milliseconds to imply action needed. Quick button press within 2-3 seconds stops LED blinking and confirms power down. LED shuts off. Also sends a location update with shut off status.	2-tone decending beep
Power Cycle HARD RESET	15 or more seconds long press ignoring LED behavior, then release. There will be no LED or buzzer behavior if device is stuck or not responding.	blink green after 2 sec, then blink Amber after 7 sec, None if device is not responding.	LED continues to blink Amber until device powers back On. There will be no location update and no status update to server. Device will just shut off and turn back on No LED blinking if device not responsive	2-tone decending beep when powering off and then 2-tone ascending beep when powering on
Power Cycle (before pairing)	Tracker Button behavior BEOFRE PAIRING (User will receive instruction in the app after the MDN is provisioned during SA flow): 1. User presses and holds Button press for 3 seconds 2.Tracker Power Cycles and follows existing requirements for power down and power on LED/Sounds	LED "Double-blinks" Amber	User is instructed in-app to release button when hearing tone and seeing LED blink Amber, and Tracker ONLY power cycles upon release of the button If the Tracker Button is released between 3 seconds and 7 seconds, the Tracker will power cycle. If the Tracker button is held for 7 seconds, the Tracker shall follow existing requirements (above) for power down	Single-tone beep like when device enters ready-to-pair mode Power off and Power on sound as per requirements

Factory Reset	Device must be placed on and connected to charging dock, then 4 short button presses, 2 second pause, followed by quick button press.	Blinks Amber for 5 sec after 4 presses	After 4 presses, alert sound starts and plays for 2 seconds, during which time user pauses for 2 seconds - then LED blinks Amber every 500 milliseconds to imply action needed. Then user makes quick 5th button press. The 5th button press should happen within 5 seconds after pause, else action is cancelled.	After 4 presses, Alert sound starts for 2 seconds.
Location Update/Report	Long-press (must be longer than 2 seconds).	GREEN, blinks 3 times or RED, blinks 3 times	LED blinks GREEN after 2 sec, user should release button when it starts blinking LED blinks RED if device is "not connected" to LTE or in "No service" state	

LT70B Tracker Device Specifications

Item	Description
Model name	LT70B Smart Locator
Dimensions[1]	50.3mm (L) x 35.3mm (W) x 15.3mm (H)
Weight	49g (including Battery Pack)
Compatible networks	LTE Band 13
LED	1bi-color LED (3 different Colors)
SIM	4FF Nano SIM
Battery	3.8V 400mAh Rechargeable Lithium-ion
Modem Processor	Qualcomm MDM9206

Item	Description
GPS	Qualcomm WTR2965
WIFI/BT	Qualcomm QCA9377
Memory	RAM – 256MB Flash - 256MB
Operating System	Linux

Product Safety and Warranty Information

The following topics outline your device's warranty and service information.

General Precautions

• It is normal that your wireless device may get hot when you use it.
• Use your device and accessories with care and in a clean environment.
• Keep your device away from open flames,fire or lit cigarettes.
• Protect your device and accessories from water and vapor and keep them dry.
• Do not drop, throw or bend your device.
• Clean your device with a damp and soft antistatic cloth.
• Do not use any chemical agents (such as alcohol and benzene), chemical detergents or
  abrasive powders to clean your device.
• Do not leave your device or accessories in a place with extreme low or high temperatures (e.g.,
  direct sunlight for any extended length of time).
• Use only accessories for your device that have been approved by the manufacturer.

Trademarks and Copyright Information

The names of companies, products, and services used in this guide are registered trademarks or trademarks of the respective companies.

Safety and Notices

The following topics address important safety precautions, general notes, and required RF exposure information for your mobile broadband device.

Safety Precautions

The following topics outline important safety precautions that must be observed when using your device.

Important Notice

Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices are used in a normal manner with a well-constructed network, your device should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. Franklin Wireless accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using your device, or for failure of your device to transmit or receive such data.

Safety and Hazards

Do not operate your device under the following conditions.

- In areas where blasting is in progress

- Where explosive atmospheres may be present

- Near medical equipment

- Near life support equipment, or any equipment that may be susceptible to any form of radio interference.

In such areas, your device MUST BE POWERED OFF. Your device can transmit signals that could interfere with this equipment.

Do not operate your device in any aircraft, whether the aircraft is on the ground or in flight. In aircraft, your device MUST BE POWERED OFF. When operating, your device can transmit signals that could interfere with various onboard systems.

Note: Some airlines may permit the use of cellular phones while the aircraft is on the ground. Your device may be used at this time if allowed by airlines.

The driver or operator of any vehicle should not operate the device while in control of a vehicle. Doing so will detract from the driver or operator's control and operation of that vehicle. In some jurisdictions, operating such communications devices while in control of a vehicle is an offense.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.