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TKSTAR TK909

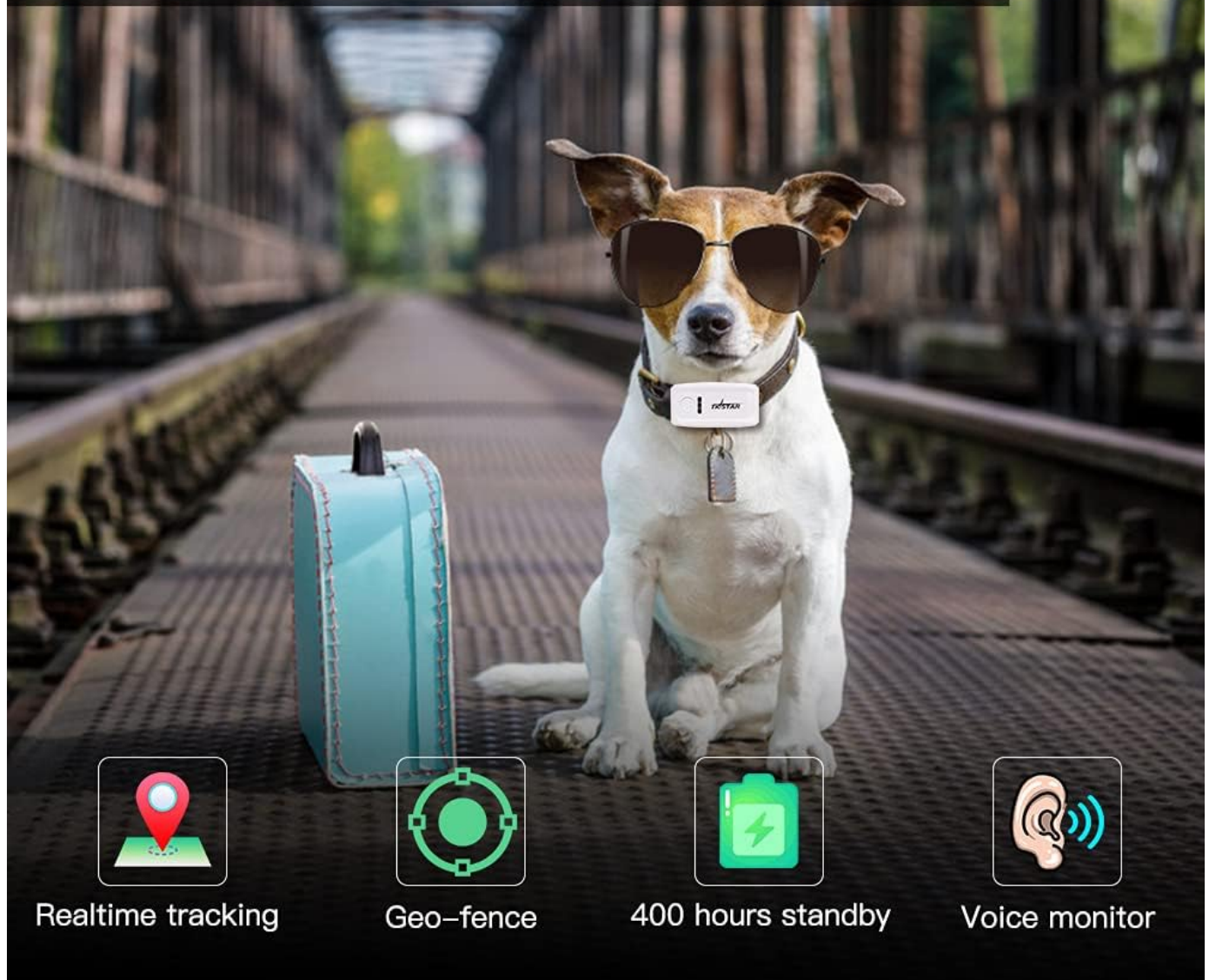
TKSTAR GPS Tracker TK909 User Manual

Model: TK909 | Brand: TKSTAR

INTRODUCTION

The TKSTAR GPS Tracker TK909 is a compact and versatile device designed for real-time tracking of pets, children, the elderly, or assets. It utilizes advanced GPS and GSM dual positioning technology to provide accurate location data, historical route playback, and geo-fencing capabilities. This manual provides detailed instructions for setting up, operating, and maintaining your TK909 tracker.

Our pets need our protection at all times
TK909 can do it for you!



Realtime tracking Geo-fence 400 hours standby Voice monitor

Image: TKSTAR GPS Tracker TK909 highlighting its key features: real-time tracking, geo-fencing, 400 hours standby time, and voice monitoring.

PACKAGE CONTENTS

Please check the package for the following items:

- 1 x TK909 GPS Locator
- 1 x Collar
- 1 x USB Cable
- 1 x User Manual
- *Note: A SIM card is not included and must be purchased separately.*

DEVICE OVERVIEW

Familiarize yourself with the physical components of your TK909 tracker.

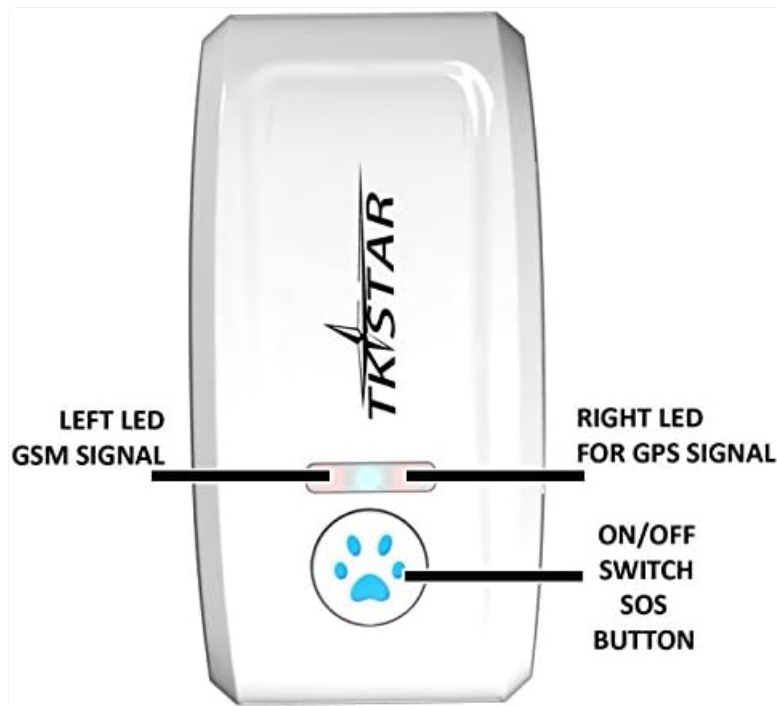


Image: Close-up view of the TKSTAR GPS Tracker TK909, indicating the Left LED for GSM signal, Right LED for GPS signal, and the ON/OFF switch which also functions as the SOS button.

- **Left LED:** Indicates GSM signal status.
- **Right LED:** Indicates GPS signal status.
- **ON/OFF Switch / SOS Button:** Used to power the device on/off and activate the SOS function.

SETUP GUIDE

1. SIM Card Installation

The TK909 requires a 2G GSM SIM card to function. Ensure the SIM card has GPRS data, SMS, and call functions enabled.

1. Open the SIM card slot cover on the device.
2. Ensure the SIM card's PIN code is disabled before insertion. You can do this by inserting the SIM card into a mobile phone and disabling the PIN request.
3. Insert the SIM card into the slot in the correct direction.
4. Close the SIM card slot cover securely.

Recommended SIM card types: Free/SFR/Bouygues (for France), or similar 2G GSM network providers in your region.

2. Charging the Device

Before first use, fully charge the tracker.

Standby Time



Image: The TKSTAR GPS Tracker TK909 with an illustration of its 1000mAh rechargeable Li-ion battery, indicating a standby time of approximately 400 hours.

- Connect the provided USB cable to the tracker's charging port.
- Connect the other end of the USB cable to a 5V wall charger (input 110-220V).
- Allow the device to charge until the charging indicator light shows a full charge.
- The device features a 1000 mAh rechargeable Li-ion battery, offering approximately 400 hours of standby time.

3. Activating Online Tracking (APN Setup)

To use the online tracking platform or mobile application, GPRS must be activated and the correct APN (Access Point Name) configured.

1. Ensure the SIM card has an active data plan.
2. If the device is offline on the app/web platform, you may need to set the APN.
3. Contact customer support with your order number and SIM card type for assistance with APN settings. They will provide the necessary commands.

1. Real-time Tracking

The TK909 allows you to track its location in real-time via SMS or the online platform/app.

- **SMS Tracking:** Call the SIM card number in the tracker or send an SMS message. The device will reply with an SMS containing a Google Maps link to its current location.
- **Online Platform/App Tracking:** Once GPRS is activated and APN is set, log in to the dedicated app or web platform to view the tracker's location, movement, and speed in real-time. The tracker generally updates its position within 10 seconds.

Realtime Tracking
The tracker will generally pinpoint dog's location within 10 seconds. And it will update realtime tracking information via APP and Web

History Route Playback
You can track the history route of the device up to 6 months via both the web platform and APP !

Image: A smartphone screen displaying the TKSTAR tracking application, illustrating both real-time tracking with a current location pin and a history route playback feature showing past movements on a map.

2. History Route Playback

Review past movements of the tracker for up to 6 months.

- Access the online platform or mobile application.
- Navigate to the "History Route" or "Playback" section.
- Select the desired date range to view the tracker's historical path.

3. Geo-fence Function

Set up virtual boundaries to receive alerts when the tracker enters or exits a predefined area.



Image: A smartphone screen showing the geo-fence setup interface within the TKSTAR tracking application. It displays a map with a designated "Safety area" and an "Alarm area" indicating where an alert will be triggered if the tracker crosses the boundary.

1. On the app or web platform, locate the "Geo-fence" or "Electronic Fence" setting.
2. Define a safe zone by drawing a polygon or circle on the map.
3. Configure alert notifications (e.g., SMS, app notification) for entry and exit events.

4. SOS Function

In an emergency, the SOS button can be used to send an alert.

- Press and hold the ON/OFF / SOS button for a few seconds.
- The tracker will send an SOS alert message to pre-configured emergency contacts (setup via app/platform).

5. SMS Commands (General)

The tracker supports various SMS commands for configuration and control. Refer to the full manual (if provided separately) or contact support for a complete list of commands and their syntax.

MAINTENANCE

1. Battery Management

- Charge the device regularly to ensure continuous operation.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- The device has a standby time of approximately 400 hours, but active tracking will consume battery faster.

2. General Care

- Keep the device dry. Moisture can damage internal circuits.
- Avoid extreme temperatures.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals.
- While designed for pets, ensure the device is protected from excessive impact or chewing.

TROUBLESHOOTING

Device Offline or Not Activated

If your tracker appears offline on the application or web platform, consider the following:

1. **SIM Card Network:** Confirm you are using a 2G GSM SIM card.
2. **SIM Card Insertion:** Ensure the SIM card is inserted correctly.
3. **PIN Code:** Verify that the SIM card's PIN code has been disabled.
4. **APN Settings:** If the above steps do not resolve the issue, the APN settings may be incorrect or missing. Contact customer support for assistance with configuring the APN.

GPS Accuracy Issues

GPS accuracy can be affected by environmental factors.

- Ensure the device has a clear view of the sky for optimal GPS signal reception.
- Dense urban areas, heavy foliage, or indoor environments can reduce GPS accuracy.
- The device uses dual GPS and GSM positioning; if GPS signal is weak, it will rely more on GSM, which may be less precise.

PRODUCT SPECIFICATIONS

Feature	Detail
Model	TK909
Brand	TKSTAR

Dimensions	70 x 37 x 20 mm
Weight	50 g
Network	GSM/GPRS (2G)
GPS Accuracy	5 meters
Battery	1000 mAh Rechargeable Li-ion Battery
Standby Time	Approx. 400 hours
Charger Input	110-220 V
Charger Output	5 V
Connectivity Technology	USB
Special Feature	SOS Function
Compatible Devices	Smartphone

Product Applications

Suitable for a variety of small animals, dog • cat or more

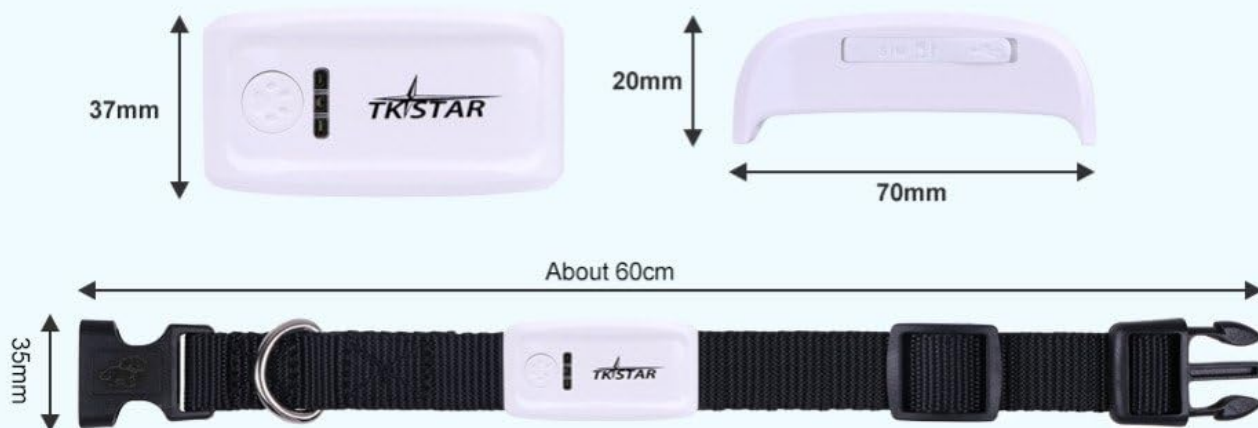


Image: The TKSTAR GPS Tracker TK909 shown with its approximate dimensions (70mm length, 37mm width, 20mm thickness) and attached to a collar (approx. 60cm length, 35mm width).

WARRANTY INFORMATION

Specific warranty details for the TKSTAR GPS Tracker TK909 are typically provided at the point of purchase or within the product packaging. Please refer to your purchase documentation for information regarding warranty duration and terms. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or inquiries regarding your TKSTAR GPS Tracker TK909, please contact your retailer or the manufacturer's customer service. When contacting support, please have your product model (TK909) and purchase details readily available.

For APN setup assistance, please provide your order number and SIM card type to customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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