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Garmin 010-02806-50

Garmin Alpha 300i Handheld & Alpha TT25 Dog Tracking System User Manual

Model: 010-02806-50

Product Overview

The Garmin Alpha 300i Handheld and Alpha TT25 Dog Tracking Collar system is designed for advanced dog tracking and training. This reliable gear provides a strong connection between the user and their dogs, offering comprehensive monitoring and management capabilities in the field. The system integrates high-sensitivity GPS and Galileo receivers for accurate location tracking and features inReach satellite communication for enhanced safety and connectivity in remote areas.



Figure 1: Complete Garmin Alpha 300i and TT25 System Bundle.

Bundle Contents

Your Garmin Alpha 300i and Alpha TT25 bundle includes the following components:

- 1x Garmin Alpha 300i Handheld, GPS Dog Tracking and Training Handheld
- 2x Garmin Alpha TT25 Tracking Collar For Dogs
- 1x USB Adapter
- 1x USB Car Adapter
- 1x Microfiber Cleaning Cloth
- 1x P-Bank Battery
- 1x Field Bag

Setup Guide

1. Charging the Devices

Before initial use, fully charge both the Alpha 300i handheld and the Alpha TT25 collars. Use the provided USB adapter or USB car adapter for charging. The Alpha 300i features a user-replaceable battery for extended use.

1. Connect the USB cable to the device and the appropriate adapter.
2. Plug the adapter into a power source.
3. Allow devices to charge until the battery indicator shows full.



Figure 2: Garmin Alpha 300i Handheld (left) and Alpha TT25 Collar (right).

2. Powering On/Off

1. To power on the Alpha 300i handheld, press and hold the power button until the screen illuminates.
2. To power off, press and hold the power button, then select "Power Off" on the screen.
3. Refer to the collar's specific instructions for powering on/off the Alpha TT25 collars.

3. Pairing Collars with Handheld

The Alpha 300i can monitor and manage up to 20 dogs using compatible collars. Follow the on-screen prompts on the Alpha 300i to pair each Alpha TT25 collar. Ensure both devices are powered on and within range during the pairing process.

Operating Instructions

1. Dog Tracking

The Alpha 300i handheld allows you to track your dogs' locations with high precision. The Alpha TT25 collar transmits location data via VHF up to 9 miles, with updates provided as frequently as every 2.5 seconds.

- **Viewing Dog Locations:** Use the vivid 3.5" touchscreen to view your dogs' positions on the map.
- **Hunt Metrics:** Access vital hunt metrics such as distance, speed, and time on the dog info screen.
- **Real-time Alerts:** Receive alerts when a dog is "treed" or "on point."
- **Channel View:** Utilize the channel view feature to avoid interference by selecting less congested channels.
- **Multi-dog Management:** Organize hunts by grouping dogs and people. Store information for up to 250 dogs for seamless collar switching.





Figure 3: Alpha 300i Handheld displaying dog tracking on a map.

2. Training Features

The system supports training functionalities. Refer to the Alpha 300i's on-screen menus for specific training commands and settings for the Alpha TT25 collars.

3. inReach Satellite Technology

The Alpha 300i features inReach satellite technology for communication beyond cellular service areas. This requires an active inReach subscription (sold separately).

- **Interactive SOS:** In case of an emergency, send an interactive SOS message to the Garmin International Emergency Response Coordination Center (IERCC).
- **Two-way Messaging:** Exchange text messages with friends and family even where cell service is unavailable.
- **Location Sharing:** Share your location with others for peace of mind.


ALPHA
SOS IN PROGRESS
Emergency Response
I have an emergency, and I need you to send help.
I think my ankle's broken. It's very painful and I cannot walk.
Rescue on the way. ETA 2 hrs.
Reply
Cancel SOS
GARMIN

Figure 4: Alpha 300i Handheld displaying an inReach SOS message.

4. Navigation Features

Enhance your navigation with the Alpha 300i's integrated features:

- **Multiple GNSS Support:** Access multiple Global Navigation Satellite Systems for improved accuracy.
- **3-axis Electronic Compass:** Provides accurate heading information.
- **Barometric Altimeter:** Offers precise elevation data.
- **Satellite Imagery:** Download satellite imagery to the device for enhanced map detail.

Maintenance

- **Cleaning:** Use the provided microfiber cleaning cloth to gently wipe the screens and surfaces of the handheld and collars. Avoid abrasive cleaners.
- **Battery Care:** The Alpha 300i features a user-replaceable battery. For optimal battery life, avoid extreme temperatures and store devices with a partial charge if not used for extended periods.
- **Storage:** When not in use, store the devices in the provided field bag in a cool, dry place.
- **Water Resistance:** Both devices are designed to be waterproof. Ensure all port covers are securely closed before exposure to water.

Troubleshooting

- **No Dog Signal:**
  - Ensure the collar is powered on and within range (up to 9 miles).
  - Check the battery level of both the handheld and the collar.
  - Use the "Channel View" feature on the Alpha 300i to identify and switch to a less congested channel to prevent interference.
  - Verify that the collar is properly paired with the handheld.
- **GPS Inaccuracy:**
  - Ensure an unobstructed view of the sky for optimal GPS signal reception.
  - Allow the device sufficient time to acquire satellite signals.
- **Screen Unresponsive:**
  - Perform a soft reset by holding the power button until the device restarts.
  - Ensure the screen is clean and free of debris.

Specifications

Feature	Detail
Product Dimensions	6.4 x 1.3 x 2.7 inches (Alpha 300i)
Item Weight	4.45 pounds (total bundle)
Model Number	010-02806-50
Connectivity Technologies	Bluetooth, USB, Wi-Fi

Feature	Detail
Special Features	Bluetooth, Touchscreen, Waterproof, inReach Technology
Display Features	Wireless, Vivid 3.5" Touchscreen
Color	Black (with orange accents)
Material	Plastic, Glass
Manufacturer	Garmin
Collar Tracking Range	Up to 9 miles (VHF)
Location Update Rate	As frequently as every 2.5 seconds
Battery Life (Alpha 300i)	Up to 55 hours

Warranty and Support

For detailed warranty information, product registration, and technical support, please visit the official Garmin website. Online resources include FAQs, software updates, and contact information for customer service.
Additional protection plans may be available for purchase separately to extend coverage beyond the standard manufacturer's warranty.
For the latest information and support, please visit: www.garmin.com

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