



HY-913 DOG TRACKER FOR LARGE DOGS



"Always Know Where Your Best Friend Is."

Instruction Manual

After tragically losing our grandmother in a home accident, I was inspired to create Hosmart tools specifically designed for the mature and elderly. In honor of our grandmother, our goal is to make homes smarter, safer, and more comfortable for seniors. We genuinely hope that Hosmart products bring convenience and peace of mind to both you and your loved ones in their golden years. We eagerly anticipate hearing your stories of how our Hosmart products have improved the lives of you or your senior family members, making them easier and safer.

William King

Inventor

If you have any questions, please contact us at:

✉ macross.service@outlook.com

☎ 502-341-7705

WWW.MYHOSMART.COM

Table of Contents

01

**Safety &
Compliance**

02

**What's
in the Box**

03

**Product
Overview**

05

**Detailed Operation
Instructions**

14

**LED Status
Guide**

14

Troubleshooting

16

Wearing

17

Specifications

20

**Warranty &
Support**

Safety & Compliance

FCC Statement

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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

Battery Safety Warning

This device contains a built-in Lithium-ion battery. To prevent injury or damage:

Do not attempt to disassemble, crush, puncture, or shred the battery.

Do not expose the device to extreme heat (above 140°F / 60°C) or dispose of it in fire.

Do not charge the device if the unit is damaged or swollen.

Only use the provided USB charging cables and the included UL-certified power adapter.

Waterproof Rating (IP67)

1.Tracker: Rated **IP67**. It is fully dust-tight and can withstand immersion in water up to 1 meter (3.3 feet) for 30 minutes.

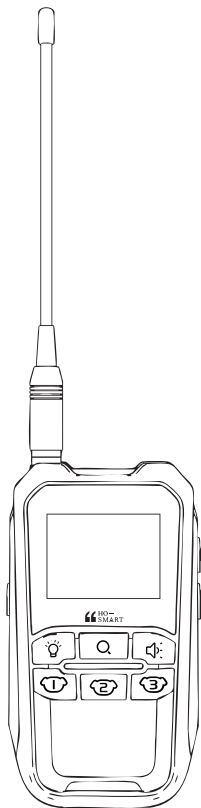
It is safe for swimming, rain, and snow.

2.Controller: Rated **IPX4** (Splash Resistant). It can withstand light rain but **should not be submerged** in water.

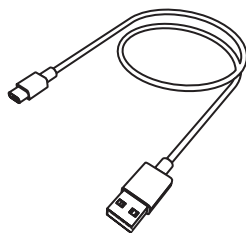
What's in the Box

02

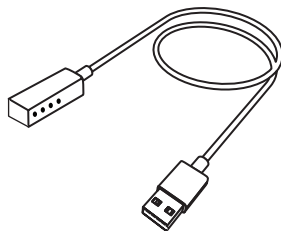
For Base Station Setting



Controller



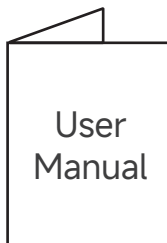
Type-C Charging Cable



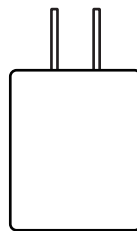
Magnetic charging cable



Wrist Strap



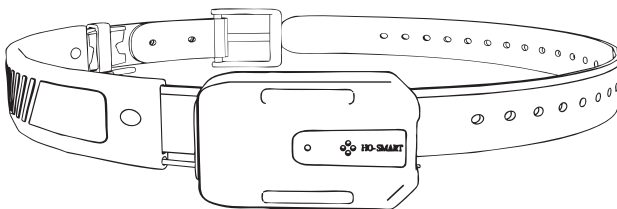
User Manual



Adapter

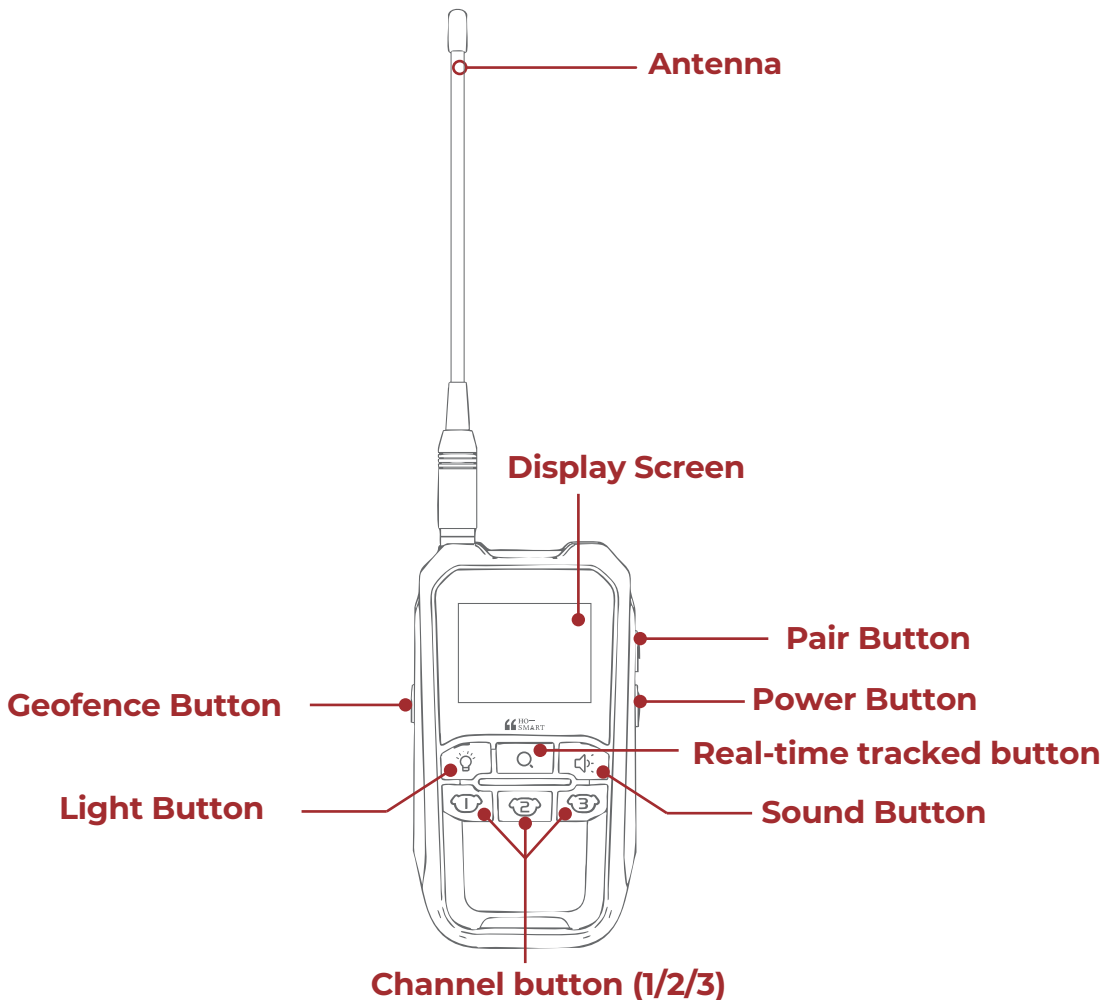


Charging Base



Tracker

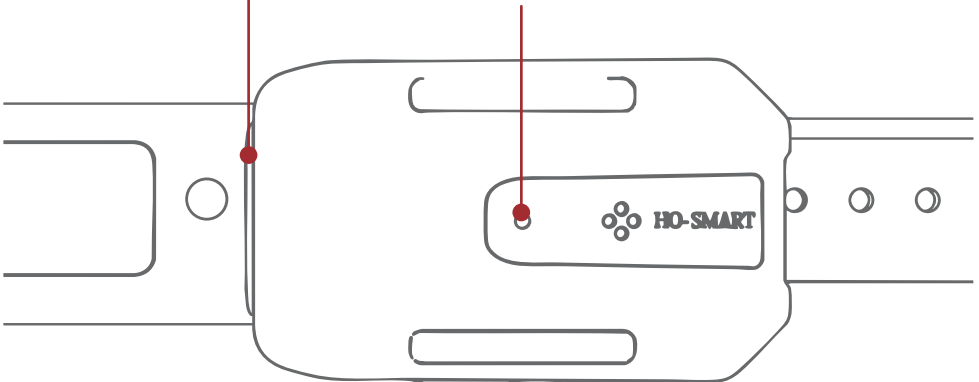
Controller



Tracker

Magnetic Charging Port

Status LED



Power Button

Pair Button

Detailed Operation Instructions

05

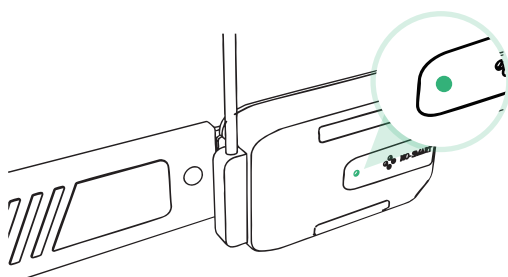
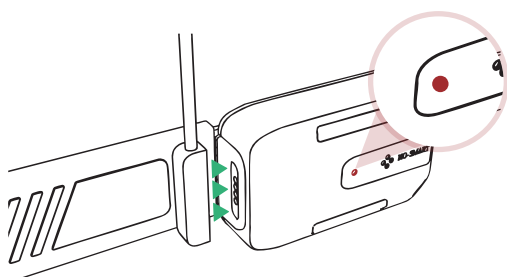
Charging the Devices

Before first use, fully charge both devices for at least 3 hours.

1. Connect the provided cables to the devices and the US power adapter.

2. **Controller:** Battery icon on screen will animate.

3. **Tracker:** LED will remain **Red** while charging and turn **Green** when fully charged.



Detailed Operation Instructions

06

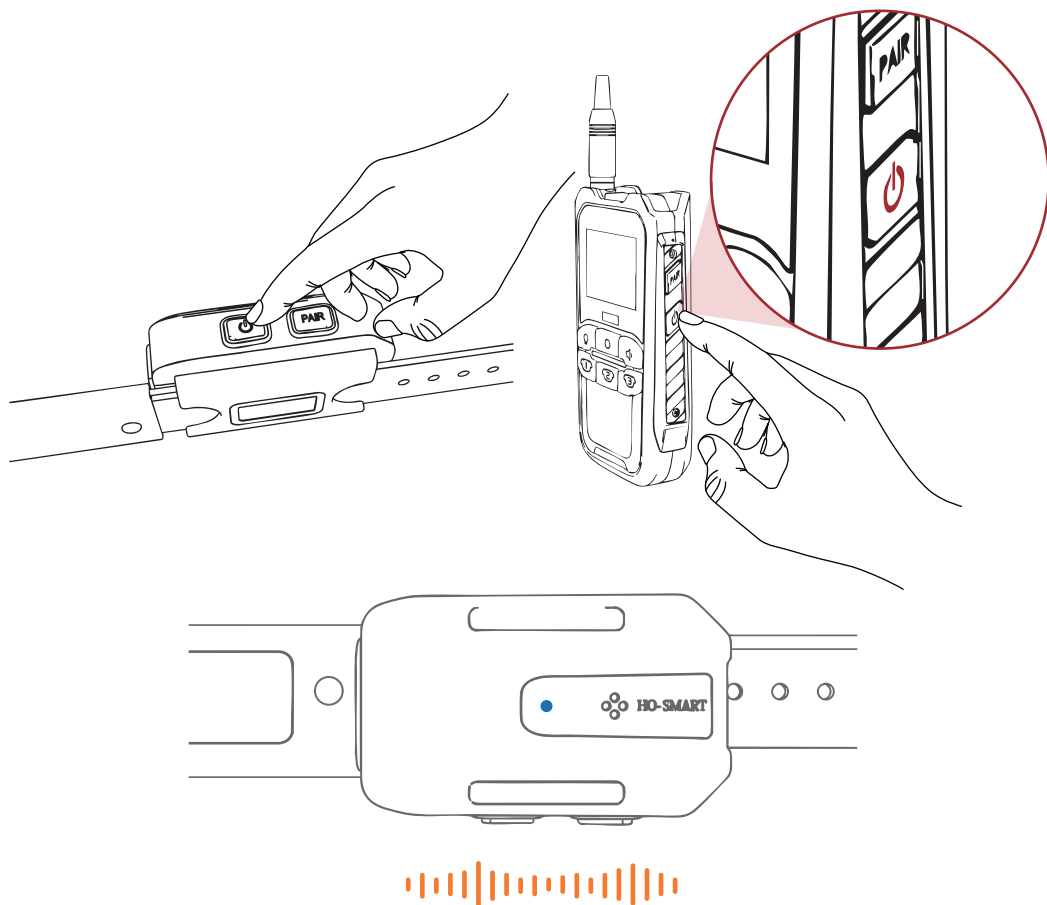
Power On / Off

Turn ON: Press and hold the **Power Button** for **3 seconds** on both devices.

Controller: Screen lights up.

Tracker: LED glows solid Blue for 3 seconds, then beeps.

Turn OFF: Press and hold the **Power Button** for **3 seconds**.



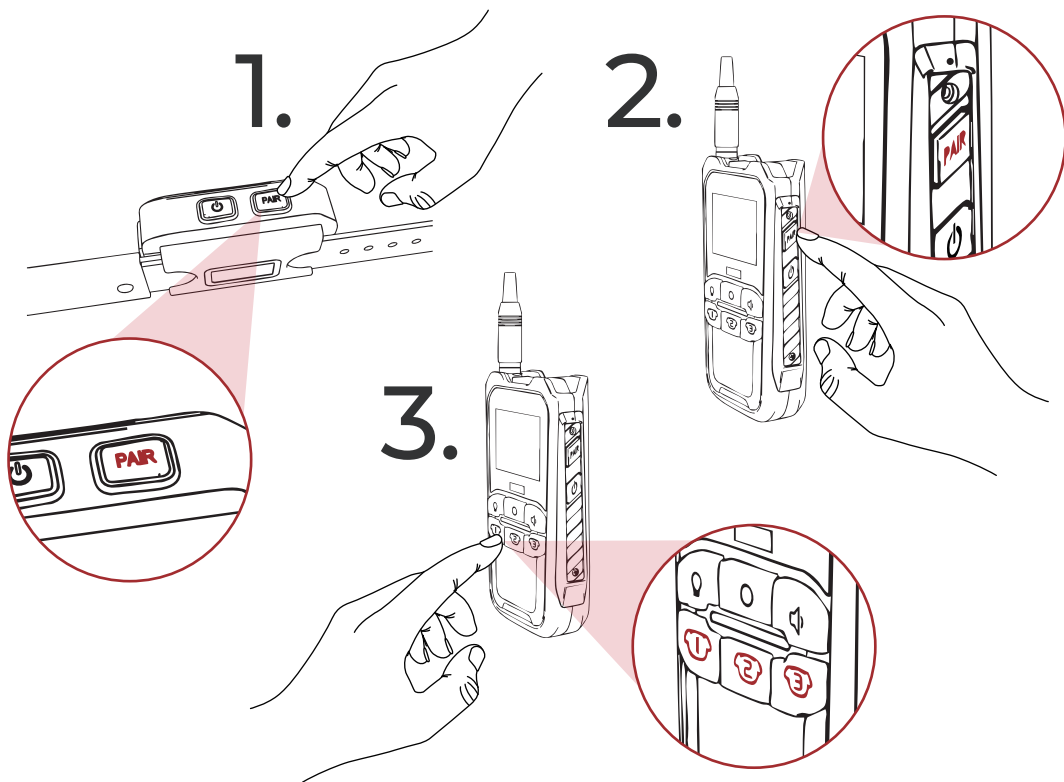
Detailed Operation Instructions

07

Pairing (Connecting the Tracker)

⚠ Note: The device usually comes pre-paired. Use this only if adding a new Tracker.

- 1.Ensure both devices are ON.
- 2.On the **Tracker**, short press the **Pair Button**. The Blue LED will flash **rapidly**.
- 3.On the **Controller**, short press the **Pair Button**.
- 4.Press the Channel Button (**1, 2, or 3**) to assign the Tracker to a slot.
- 5.The screen will display "**Pair Successful**".



Detailed Operation Instructions

08

Screen Icons Description

Icon / Area	Item Name	Function Description
T T (Top Left)	Tracker	Displayed on the left side belongs to the Tracker
 (Next to T)	Tracker Battery	Displays the remaining battery level of the Dog tracker. Please charge the tracker when this bar is low.
 (Next to T)	Tracker has GPS signal	Shows the GPS signal received by the Tracker
 (Next to T)	Tracker doesn't have GPS signal	Tracker may be obstructed
 (Top Right)	Connection Established	Controller is receiving data from the Tracker
 (Top Right)	Connection Lost	Cannot communicate with Tracker. Check distance or battery.
C C (Top Right)	Controller	Displayed on the right side belongs to the Controller
 (Next to C)	Controller Battery	Displays the remaining battery level of the Controller.
 (Next to C)	Controller has GPS signal	Shows the GPS signal received by the Controller
 (Next to C)	Controller doesn't have GPS signal	Please move to open area
 (Green Arc)	Directional Indicator	The green arc acts as a compass, pointing toward the dog's current location relative to where you are standing.
 (Blue Dot)	User Position	Represents the center point (You/ Handheld). The distance and direction are calculated from this point.
123 1 2 3	Channel / Dog ID	Indicates which dog is currently being tracked or trained.
		Example: If '1' is highlighted blue, you are controlling Dog 1.

Switching Channels (Multi-Dog System)

To view the location or status of a specific dog

1. Press button **1**, **2**, or **3** on the Controller.
2. The screen will update to show the distance and direction of the selected dog.



Detailed Operation Instructions

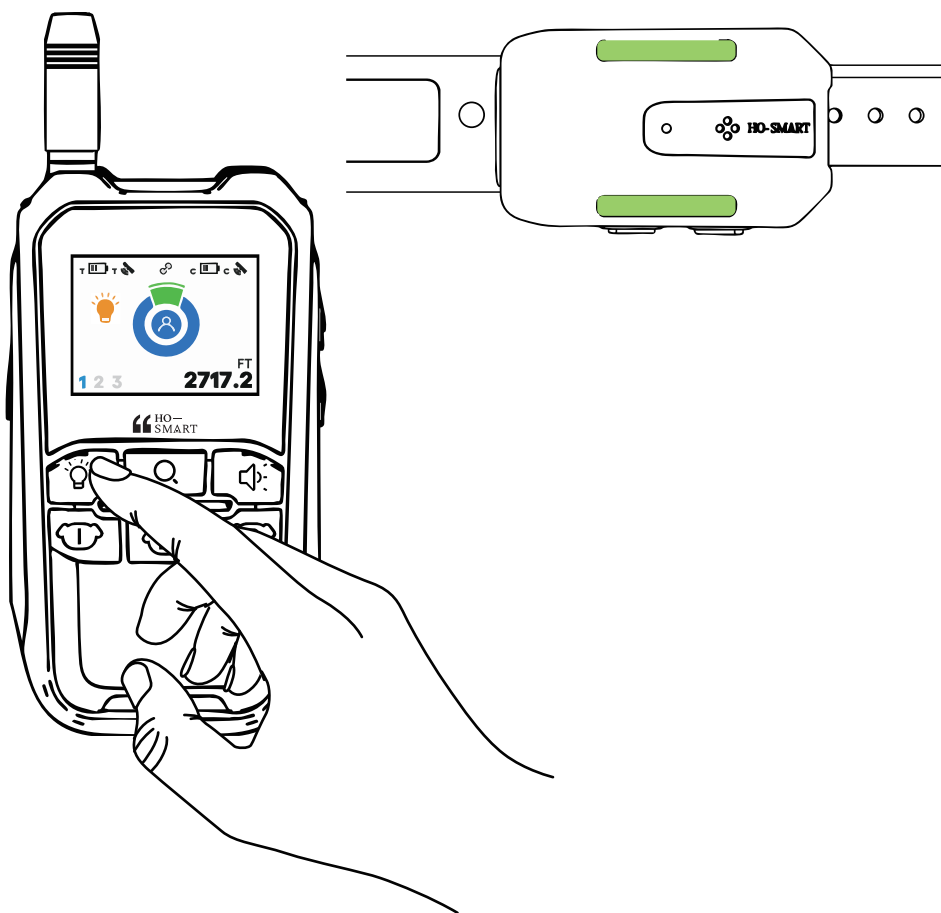
10

Use these features to locate your dog visually or audibly.

2.Light Control:

1.**Turn On:** Short press the **Light Button**. A light icon appears on the screen, and the tracker's LED bar will **flash rhythmically**.

2.**Turn Off:** Short press the **Light Button** again. The icon disappears, and the tracker light turns off.



Detailed Operation Instructions

11

3.Sound Control:

1.Turn On/Off: Short press the **Sound Button** to toggle the sound on or off (same logic as the light).

2.Turn Off: Short press the **Sound Button** again. The icon disappears, and the tracker sound turns off.



Detailed Operation Instructions

12

Using the Geofence

The Geofence creates a virtual circular boundary. If the dog exits this circle, the controller will alarm.

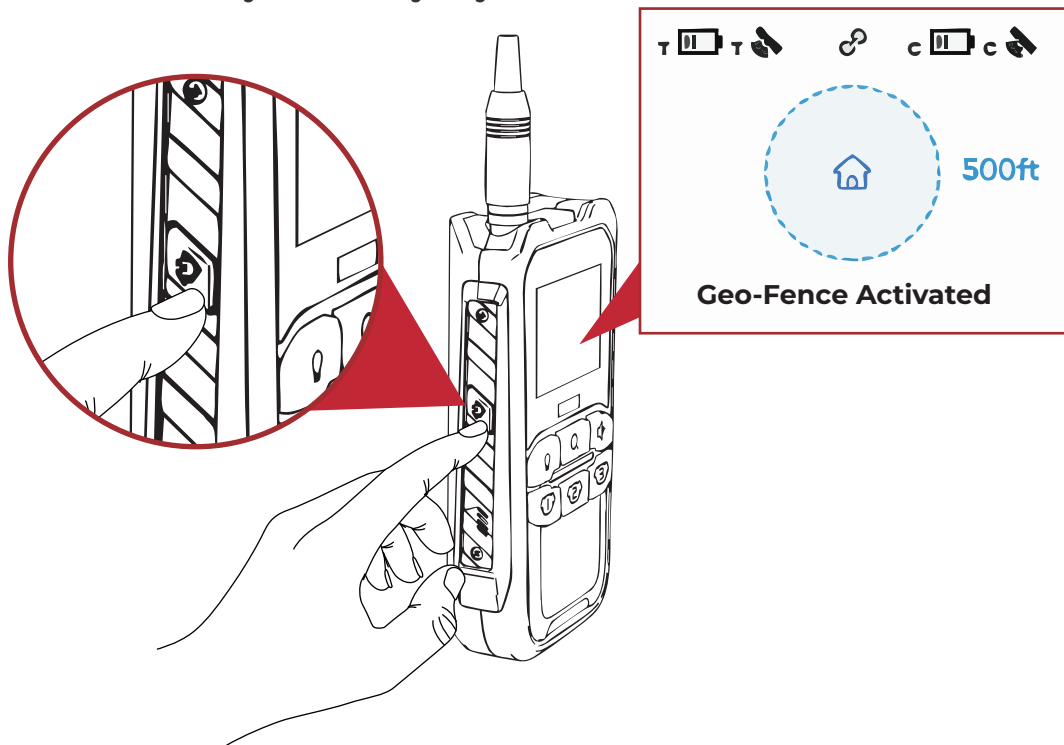
1. Select the dog channel.

2. **Activate:** Press and hold the **Geofence Button** for 3 seconds.

An icon will appear.

3. **Adjust Range:** Short press the Geofence Button to cycle through radii: **200 feet / 500 feet / 1000 feet.**

4. **Alarm:** If the dog leaves the zone, the controller will beep continuously. Press any key to silence.



Detailed Operation Instructions

13

Real-Time Tracking (Live Mode)

Standard mode updates location periodically to save battery
(Location updates every 5 minutes).

Use Live Mode for precise retrieval.

1. Press the **Track Button**.

2. Screen displays "**LIVE**". The update rate increases to every 5 seconds.

⚠ 3.Note: This mode consumes battery faster. Press **Track** again to exit when finished.



LED Status Guide (Receiver Tracker)

LED Behavior	Status Description
Solid Blue	Tracker Powered On
Fast Flashing Blue	Pairing Mode
Slow Flashing Blue	Tracking Mode
Breathing Red	Charging
Solid Green	Fully Charged
LED Off	Standby / Power Off

Troubleshooting

1. Q: The Tracker is near the Controller, but the screen indicates a long distance.

Reason: In Standby Mode, the Tracker only updates its location every few minutes. The screen displays the distance calculated at the last update time.

Solution: Switch to Real-Time Tracking Mode. In this mode, the Tracker updates rapidly (every 5 seconds), allowing the Controller to display an accurate, real-time location.

2. Q: The Tracker has moved away from the Controller, but the screen still displays "Nearby".

Reason: Similar to the above, in Standby Mode, the location data is not real-time; it updates every few minutes. The screen is showing the status from the last scheduled update.

Solution: Switch to Tracking Mode to force a rapid location update (every 5 seconds) and view the correct distance.

3.Q: The screen shows "No GPS Signal" for both the Controller and the Tracker.

Reason: The devices have not acquired a GPS lock, likely due to weak signal strength or obstruction.

Solution: Please wait a few minutes for the devices to acquire a signal (it may take longer if the device hasn't been used for a while).

Alternatively, move the devices to an open outdoor area to establish a stable GPS connection.

Troubleshooting

Troubleshooting

4. Q: The screen displays "Last Position" and a Disconnected icon.

Reason: The Controller has lost connection with the specific Tracker. This is usually caused by:

Out of Range: The Tracker is too far away, causing data loss.

Solution: Try moving towards the "Last Position" shown on the map. The connection should automatically re-establish once you are within range.

5. Q: The screen displays "Try moving" and "Attempting to reconnect..."

Reason: You have arrived at the "Last Position," but the connection has not been re-established. The pet has likely moved away from that spot.

Solution: Move the Controller in the direction the pet might have gone. The Controller will actively search for the signal within communication range.

When the connection is re-established, the Controller will beep. You can then follow the screen directions to locate the Tracker.

6. Q: No Tracker information is displayed when the Controller is turned on.

Reason: Upon startup, the Controller queries the Tracker's status. If the Tracker is far away, there may be a delay in data transmission.

Solution: Please wait a few minutes. Once the signal is received, the battery level and other information will appear on the screen.

7. Q: The Controller screen displays "Pairing Failed".

Solution: Please check the following:

1. Did you press the Pairing Button on the Tracker? The blue light should be flashing rapidly.

2. Is the Tracker already paired to another channel? (e.g., If Tracker #1 is already paired to Channel 1, trying to pair it to Channel 2 will fail). Use the Light/Sound command on the Controller to verify if it is already connected.

Note: If the above fails, restart the pairing process: First, enter Pairing Mode on the Tracker, then enter Pairing Mode on the Controller.

8. How to use Fast Tracking (Real-time Tracking):

Short press the Tracking Button to enter this mode. The location will update every 5 seconds (automatically exits after 30 minutes).

The Controller screen will display a "Live" icon, indicating Tracking Mode is active.

The indicator light on the Tracker will flash Blue.

Wearing

Wearing & Maintenance

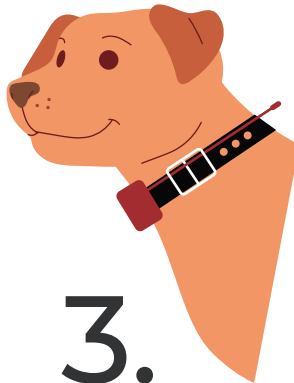
Proper Fit

Place the collar on the dog's neck while they are standing.

The 2-Finger Rule: You should be able to comfortably fit two fingers between the collar strap and the dog's skin.

Avoid Pressure Necrosis: Do not leave the collar on the dog for more than **12 hours** per day. Reposition the collar every 1-2 hours if possible.

 **Important:** For the best tracking range, position the device so the antenna points upwards (towards the sky).



Specifications

Handheld Controller Specifications

Power Supply	5V DC via USB-C / Built-in Li-ion battery (1800 mAh)
Display	2.0-inch LCD / OLED (240 × 320 pixels)
Audio Alert (Buzzer)	≥ 70 dB @ 10 cm
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
Storage Temperature	-20°C ~ +65°C (-4°F ~ 149°F)
Battery Life	Approx. 3 days (Depending on alert frequency)
Charging Time	Approx. 2 hours (via USB-C)
Dimensions / Weight	120 × 65 × 18 mm / 140 g
Housing Material	ABS flame-retardant plastic
IP Rating (Waterproof)	IP55 (Dust protected & water jet resistant)
Firmware Upgrade	Not Supported
System Language	English (EN)
Max. Paired Devices	Supports up to 3 Trackers

Specifications

Tracker Specifications

Power Supply	5V DC / Built-in Li-ion battery (1800 mAh)
Audio Alert (Buzzer)	≥ 70 dB @ 10 cm
LED Indicators	Power, Alert, Charging
Antenna Type	External Antenna
Charging Time	Approx. 2 hours
IP Rating (Waterproof)	IP67 (Dust tight & immersion up to 1m)
Operating Temperature	-25°C ~ +70°C (-13°F ~ 158°F)
Dimensions / Weight	85 × 55 × 40 mm / 110 g

FCC Statement

FCC Radiation Exposure Statement for Tracker :

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

FCC Radiation Exposure Statement for Controller:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in the portable exposure condition without restriction.

Tracker Specifications

FCC Statement

1.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.

(2)This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: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 equipmemt 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.

Warranty & Support

Warranty & Support



Warranty

24-month limited warranty



United States

Boulder, CO 80302

Phone: +1-502-341-7705



Email Us

Email: macross.service@outlook.com



@Hosmart



@Hosmart



@Hosmart

MACROSS INC
1942 Broadway Ste 314C
Boulder, CO 80302

**WELCOME
HOME**