

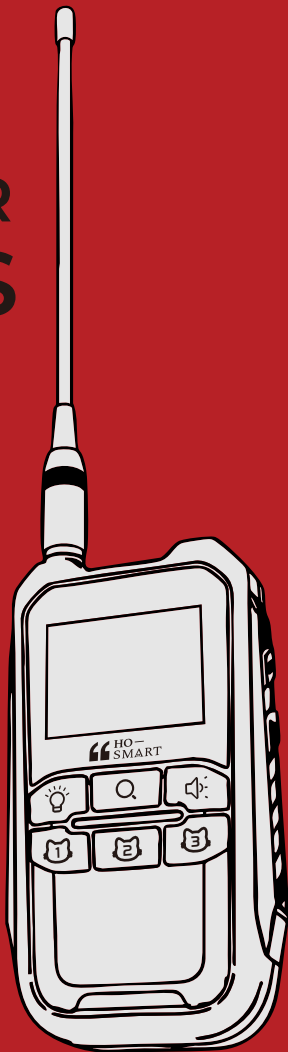
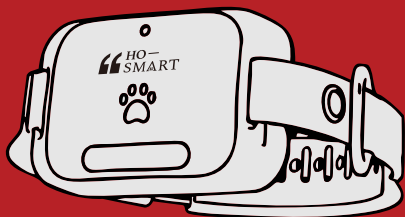


GPS TRACKER FOR CATS

Lifetime NO Monthly Fee

Instruction Manual

Model: HY-914



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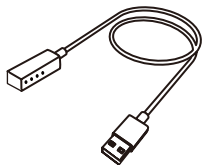
What's in the box



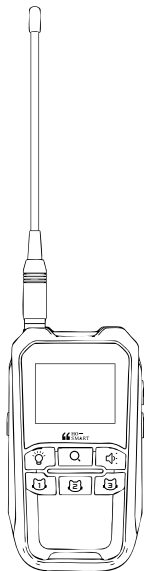
User Manual



Type-C Charging Cable



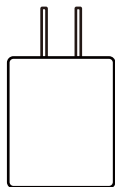
Magnetic Charging Cable



Controller



Wrist Strap

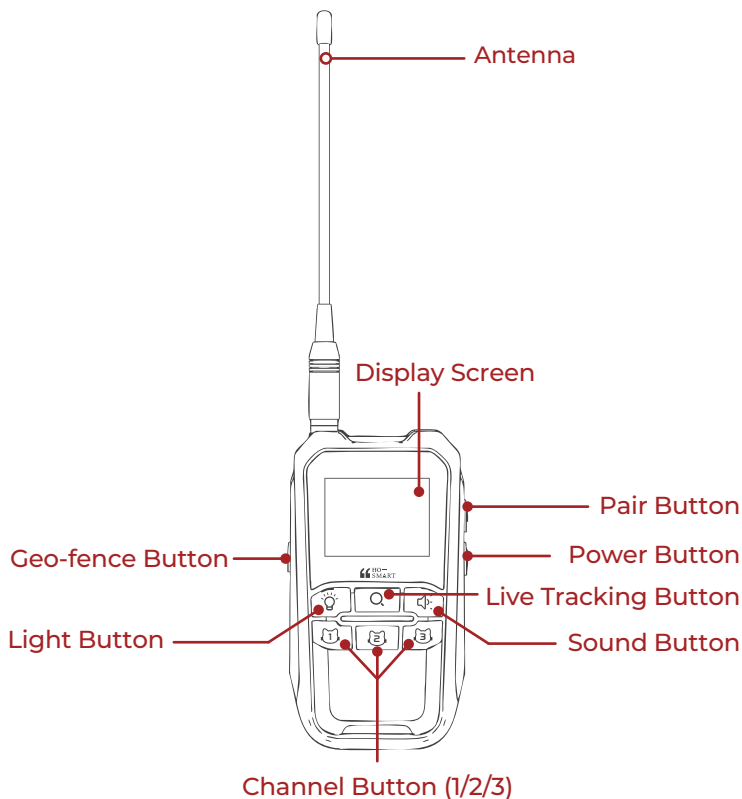


Adapter

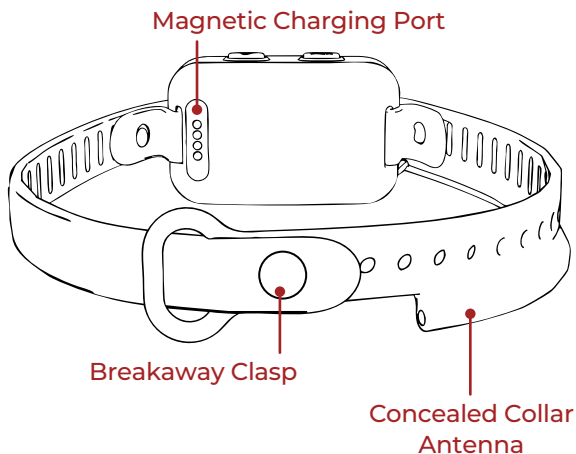
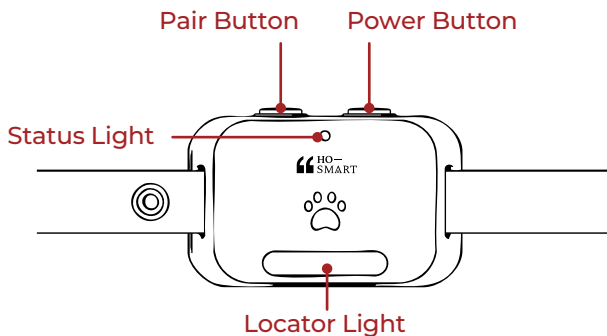


Tracker

Controller (handheld device)



Tracker



Screen Icons Description (Controller)

Icon / Area	Item Name	Function Description
 (Top Left)	Tracker	Displayed on the left side belongs to the Tracker.
 (Next to )	Tracker Battery	Displays the remaining battery level of the Cat tracker. Please charge the tracker when this bar is low.
 (Next to )	Tracker has GPS signal	Shows the GPS signal received by the Tracker.
 (Next to )	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.
 (Top Right)	Controller	Displayed on the right side belongs to the Controller.
 (Next to )	Controller Battery	Displays the remaining battery level of the Controller.
 (Next to )	Controller has GPS signal	Shows the GPS signal received by the Controller.
 (Next to )	Controller doesn't have GPS signal	Please move to open area.
 (Green Arc)	Directional Indicator	The green arc acts as a compass, pointing towards the Cat's current location relative to where you are standing.
 (Green Dot)	User Position	Represents the center point (You/Handheld). The distance and direction are calculated from this point.
 1 2 3	Channel / Cat ID	Indicates which Cat is currently being tracked or trained.
		Example: If '1' is highlighted blue, you are controlling Cat 1.
 (On Compass)	Cat/Tracker's Position	Indicates the current direction and distance of your cat relative to your position.
Last Position (Lower left)	Last known location	Tracker may be disconnected from the controller. Therefore, the last successfully recorded location is displayed.

LED Status Guide (Tracker)

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

Operation & Features

Charging the Devices

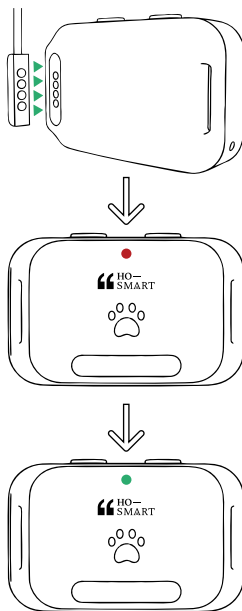
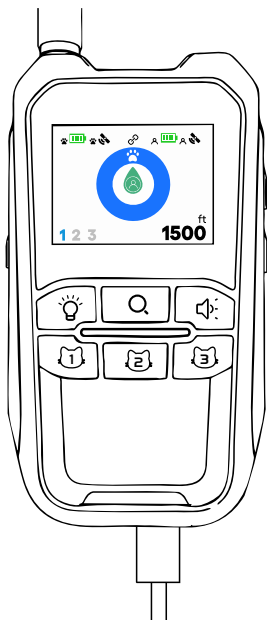
Before first use, fully charge both devices for at least 3 hours. Connect the provided cables to the devices and the power adapter.

Controller

Battery icon on screen will animate.

Tracker

When charging, the Status LED indicator will light up red; once fully charged, it will turn green.

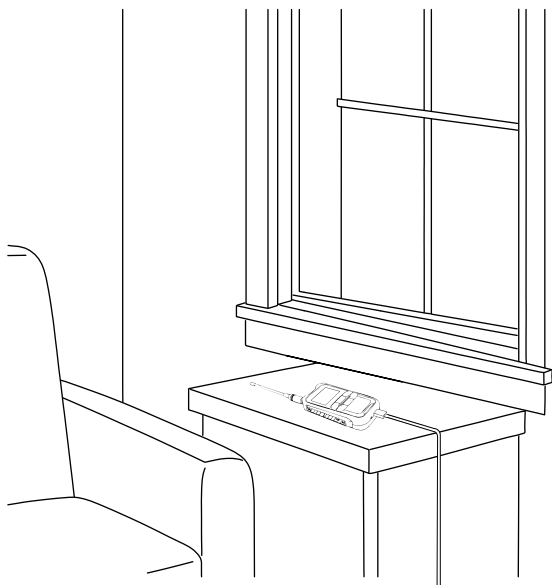


Optimal Charging Station Placement

GPS signals can be obstructed by thick walls and roofing. For the best performance, we recommend the following:

Place by a window: Position your controller near a window where it has a clear view of the sky. This ensures the device maintains a GPS lock even while charging.

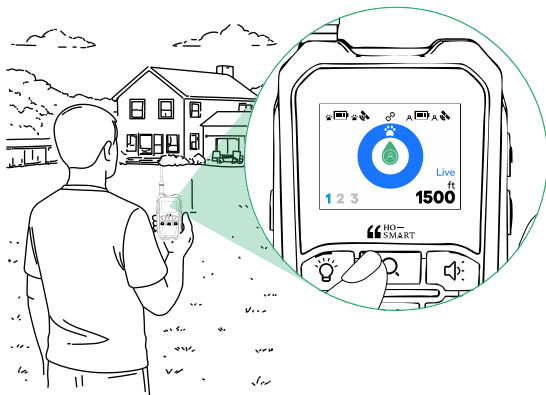
After Use: We recommend charge the handheld device immediately after every session to ensure it is fully charged and ready for your next outing.



If your handheld device is not showing a GPS signal or the location is not updating:

- 1. Move to Open Ground:** Move away from tall buildings, dense trees, or structures to an open area. Stand still for about 1 min to allow the device to acquire satellite data.
- 2. Use Live Tracking Mode:** You can enable "Live Tracking Mode (Real-Time Tracking)" to increase the data refresh rate. This forces the device to actively search for a location fix, which can speed up the initial satellite acquisition. **After using this Real-Time Tracking function, be sure to exit this mode to save battery power.**

Note: We strongly recommend turning on "Live Tracking Mode" when looking for your cat, when the GPS signal is lost, or when the RF connection between the handheld device and the pet unit is disconnected. This helps you quickly acquire location data.



Power On/Off

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

Controller: Screen lights up.

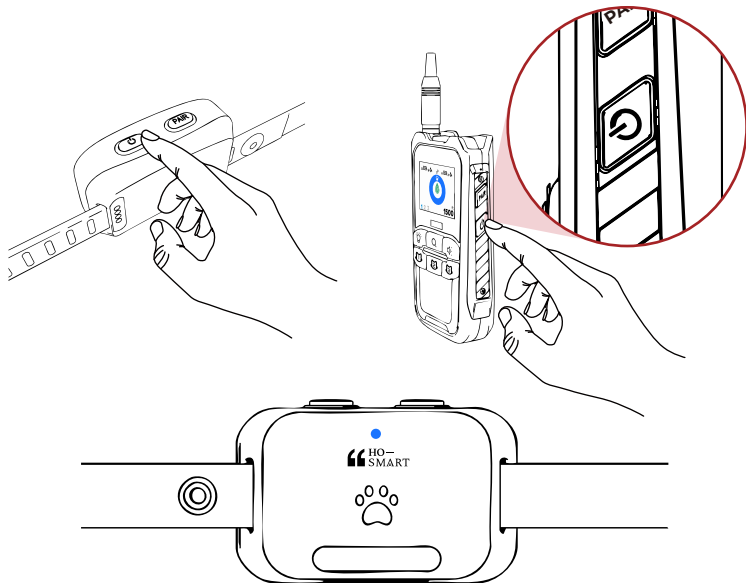
Tracker: LED glows solid blue for 3 seconds and beeps.

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

Controller: Screen turns off.

Tracker: Blue LED turns off and beeps.

Note: A short press of the power button on the controller locks the screen. Another short press unlocks it.

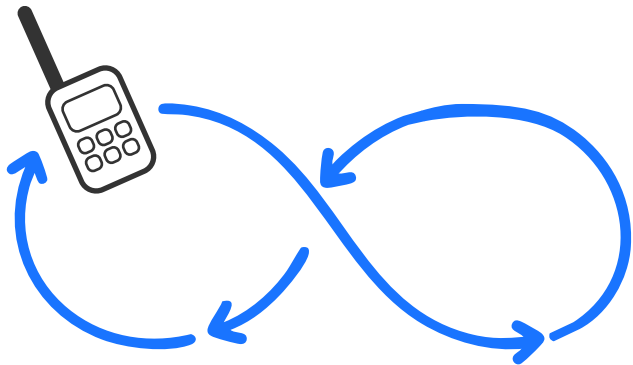


Calibrating the Magnetic Compass

To ensure the directional accuracy of your controller, you may need to calibrate the compass upon first use or if the device has moved a significant distance while turned off.

1. Power on the controller.
2. Follow the on-screen prompts on the controller.
3. When prompted, rotate the device in a figure-8 motion as shown in the diagram. This helps the internal sensors align with the magnetic north.

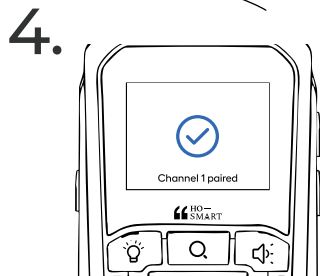
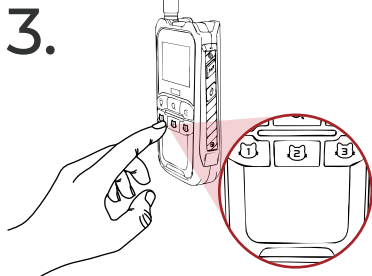
Note: Please refer to the Figure 8 diagram for the correct motion.



Pairing (Connecting the Tracker)

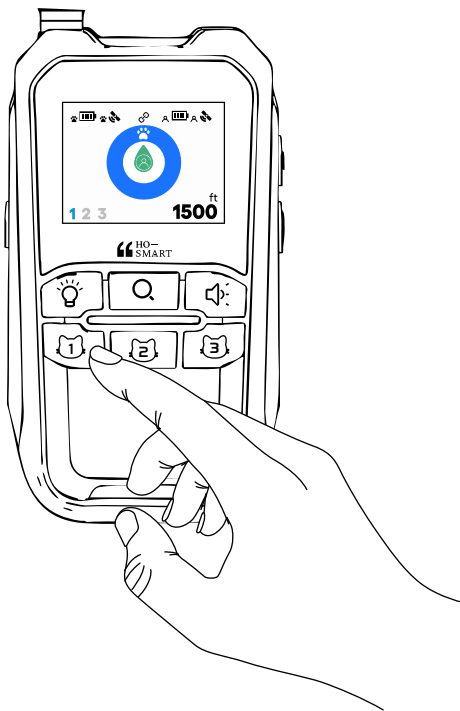
Note: The device usually comes pre-paired. Use this only if adding a new Tracker.

1. Ensure both devices are ON.
2. On the Tracker, short-press the Pair Button. The blue LED will flash rapidly.
3. Then, on the right side of the controller, short-press the Pair Button.
4. Press the Channel Button (1, 2, or 3) on the controller to assign the Tracker to a slot.
5. The screen will display "Channel 1/2/3 paired".



Switching Channels (Multi-Cat System)

1. Press button 1, 2, or 3 on the Controller.
2. The screen will update to show the distance and direction of the selected cat (e.g., Cat 1, Cat 2, or Cat 3).



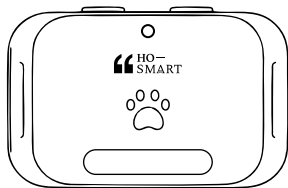
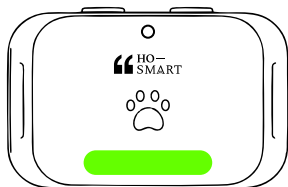
Use these features to locate your cat visually or audibly.

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.

Sound Control:

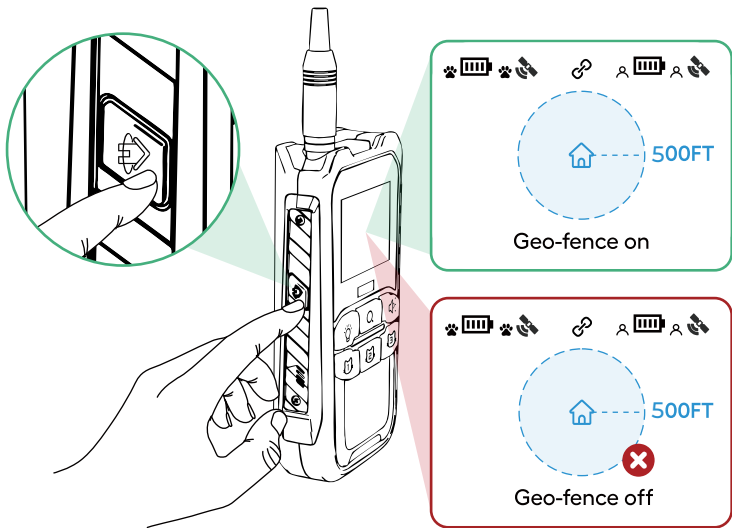
1. Turn On: Short-press the Sound Button to toggle the sound on.
2. Turn Off: Short-press the Sound Button again. The icon disappears, and the tracker sound turns off.



Geo-fence (Loss Alert)

The Geo-fence creates a virtual circular boundary. If the cat exits this circle, the controller will alarm.

1. Select the cat channel.
2. Activate: Short-press the Geo-fence Button. The icon(500FT Range) will appear.
3. Alarm: If the cat leaves the zone, the controller will beep continuously(alert that the cat is at risk of getting lost). Press any key to silence.
4. Deactivate (Turn Off): Short-press the Geo-fence Button again. The Geo-fence icon will disappear, indicating the Geo-fence is turned off.



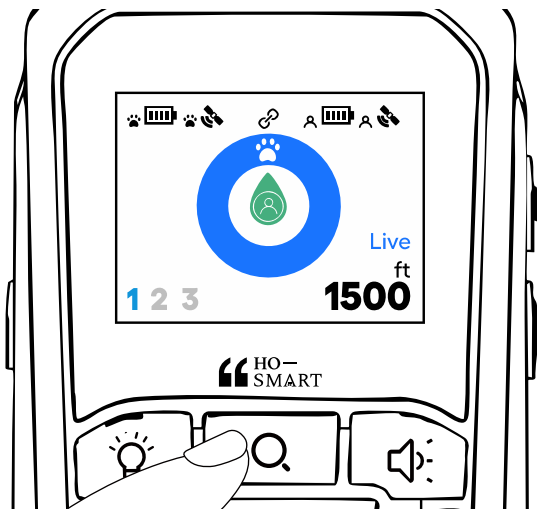
Live Tracking Mode (Real-Time Tracking)

Standard mode updates the location periodically to save battery (every 30 mins).

! Please use the "Live Tracking Mode" if you require precise tracking.

1. Press the  Button.
2. Screen displays "Live". The update rate increases to every 5 seconds.

Note: This mode consumes battery faster. Please remember to press again to exit when finished.



1. Proper Fit

Place the collar on the cat's neck while the cat is standing.

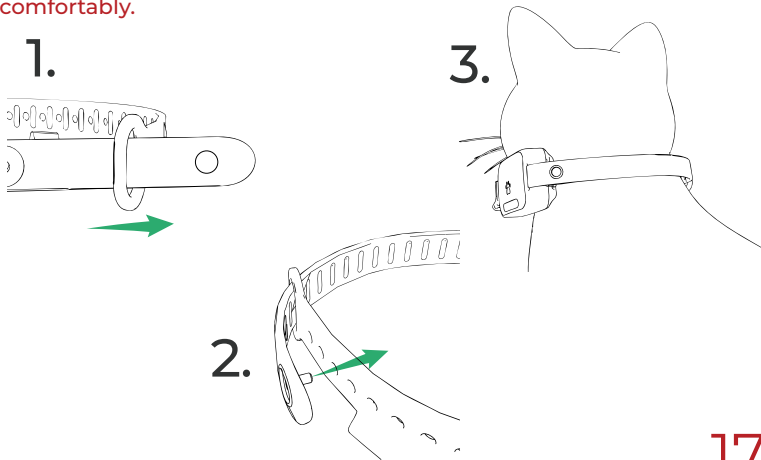
The 2-Finger Rule: You should be able to comfortably fit two fingers between the collar strap and the cat's skin.

Avoid Pressure Necrosis: Do not leave the collar on the cat for more than 24 hours. Reposition the collar every so often if possible. Remove the collar to charge it while your cat sleeps at night—this also gives your cat's neck a full rest.

Safety Breakaway Clasp: It is designed to automatically separate if the collar gets caught and the cat struggles, allowing the cat to escape and preventing choking.

Recommended for cats 7 lb+ with neck sizes 8"+. The tracker device measures approx. 2.2 x 1.3 x 0.8 inches and weighs about 1.6 oz.

Important: Place the tracker on the side or back of the neck, not against the throat, so your cat can lower its head to eat and drink comfortably.



2. How to Hold the Device for Maximum Range

The position of the handheld device significantly impacts the communication range between you and the tracker.

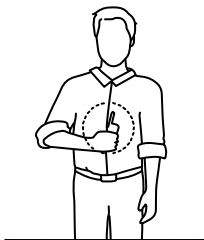
Maximum Range: Hold the device high above your head, away from your body. Do not cover the antenna with your hand.

Typical Range: Holding the device at chest level, away from your body.

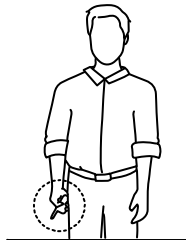
Minimum Range: Holding the device at your waist or in a pocket will significantly reduce the signal range.



Maximum range



Typical range



Minimum range

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 30 minutes. The screen displays the distance calculated at the last update time.

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

2. Q: The Tracker is far 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 30 minutes. The screen is showing the status from the last scheduled update.

Solution: Switch to Live Tracking Mode(Real-Time Tracking) 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.

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 "Nearby" and "Use light or sound to find..."

Reason: The pet is located approximately 50 feet away from you.

Solution: Use sound/light controls to pinpoint the specific location.

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 Pair 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.Q: 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.

Handheld Controller:

Power Supply	5V DC via USB-C / Built-in Li-ion battery (3000 mAh)
Audio Alert (Buzzer)	≥ 70 dB @ 10 cm
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
Charging Time	Approx. 3 hours (via USB-C)
Battery Life	3-4 days (Depending on alert frequency)
Dimensions / Weight	122 × 69 × 24 mm (4.8*27.2*9.5 in) / 164g
IP Rating (Waterproof)	IP55 (Dust protected & water jet resistant)
Max. Paired Devices	Supports up to 3 trackers

Tracker:

Power Supply	5V DC via USB-C / Built-in Li-ion battery (550 mAh)
Audio Alert (Buzzer)	≥ 70 dB @ 10 cm
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
Charging Time	Approx. 3 hours (via USB-C)
Battery Life	7-9 days (Depending on tracking frequency)
Dimensions / Weight	55 X 34 X 20 mm (2.2*1.3*0.8 in) /46g (with collar)
IP Rating (Waterproof)	IP67 (Dust tight & immersion up to 1m)
Wireless Transmission Distance	1500 Feet (500 meters) in empty open area

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.

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.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.
3. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage, et.
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
3. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

FCC RF Radiation Exposure Statement

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.
3. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

THE FCC WANTS YOU TO KNOW

Your intercom may cause TV or radio interference. To be a certain turn off your intercom and check your TV or radio on its performance. If still receiving interference, rest a sure it is not your intercom. You may try to eliminate interference by:

**Moving your stations further away from the receiver.*

**Moving your stations further away from your TV or radio.*

If these options do not solve your problem the FCC requires you to stop using your intercom. Change or modifications not approved by the party responsible for compliance could void the user authority to operate the equipment.

FCC Radiation Exposure Statement for Tracker :

The equipment complies with FCC Radiationexposure limits set forth for uncontrolledenvironment. This equipment should beinstalled and operated with minimum distance 20cm between the radiator and your body.

FCC Radiation Exposure Statement for Controller:

The device has been evaluated to meetgeneral RF exposure requirement. The device can be used in the portable exposure condition without restriction.

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.

FCC Statement

This equipment 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: 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.

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device may not cause interference.*
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.*
- 3. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your bod.*

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1. L'appareil ne doit pas produire de brouillage, et.*
- 2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*
- 3. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.*

This product manufactured by:

Macross Microelectronics (HK) Limited
FLAT/RM KYOO1 UNIT 3 27/F HO KING COMM CENTRE
NO.2-16FA YEEN STREET MONGKOK KL

The Hosmart Story



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:

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☎ +1 5022020003 (Mon-Fri)

WWW.MYHOSMART.COM

24-month limited warranty



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**WELCOME
HOME**