

Mini Pet Tracker 208PA Plus User Manual

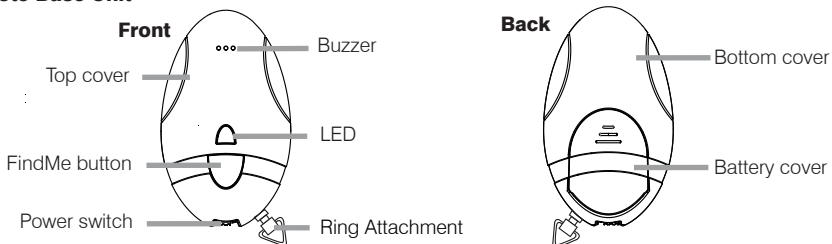
1 INTRODUCTION

The new Pet Tracker 208PA Plus is our third generation small RF based tracker. It offers a significantly greater tracking range of up to 600 meters(1900ft). The silicone case allows you to attach the tag unit onto most small collars. If in the unfortunate case you lose sight of your pet, the remote base unit can track your pet down by signal strength. By simply walking in different directions, the remote will give alarm signals to let you know that you are heading in the right direction and the stronger the signal rhythm the closer you are to your missing pet.

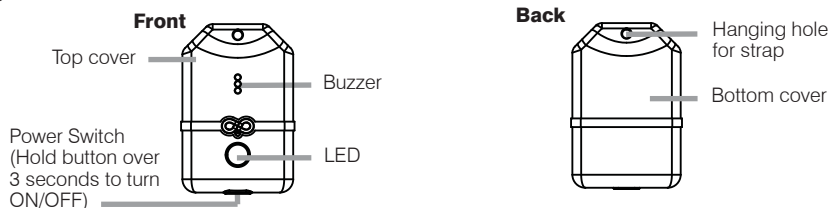
Note: In dense residential areas, certain building materials such as concrete or steel may obstruct signal clarity, accuracy, and tracking range.

Product Description

Remote Base Unit



Tag Unit



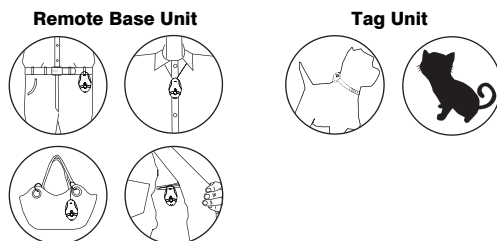
Specifications

Function	Searching and Tracking	
Communication Standard	Digital 2.4 GHz RF (Frequency range: 2.40 - 2.48MHz)	
Search Range	0~600m (*Distance will vary depending on terrain and other factors.)	
Remote Base unit/Tag unit	Tracking remote base unit	Transmitter tag unit
Battery Type	CR2032x1	CR2032x1
Battery Life Time with Standby	n/a	LIR2032: 30 days (8 hrs), CR2032: 60 days (8 hrs)
Beep Sound (at 10cm/3.9inch)	90db ± 3 db	80db ± 3 db
Weight	9.5g (0.34oz.)	4.2g (0.15oz.)
Dimension (L/W/H)	61x36x12 mm	38x25x11 mm
Working Environment	With LIR2032 Battery: Temperature -15°C~40°C, humidity 20%~80% With CR2032 Battery: Temperature 5°C~40°C, humidity 20%~80%	

Package Contents

Model Name	Pet Tracker 208PA Plus
Remote base unit	1 piece
Tag Unit	1 piece
Batteries	CR2032 x 2 pieces
Velcro strap	1 piece
Strap	1 piece
Hook	1 piece
Silicon Sleeve	1 piece
User manual	1 piece

Attaching the Remote base unit and Tag unit



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2 GETTING STARTED

This section shows how setup your Pet Tracker and do a one-off calibration process.

BATTERY FITTING

a. Remote Base Unit

Open the battery cover by applying pressure on the cover (Fig.1) and sliding it backwards until it clicks open. Insert the battery with the "+" sign on the battery facing up (Fig. 2). Then slide the cover back on.



Figure 1



Figure 2

b. Tag Unit

Remove the top cover pushing it to slide from its mounted position towards the top of the Tag(Fig. 3 & 4). Insert the battery into the battery compartment with the "-" sign facing up. Then replace the top cover by sliding it back into the compartment. (Fig. 5)



Figure 3



Figure 4

*** Make sure that the Base unit and Tag units are away 50 cm from each other.**

TESTING

- Place the Tag unit in a stationary location.
- With the Remote base unit in hand, walk away from the Tag. At about 50mtrs outside turn ON the Remote (Fig. 6) Note: left = on, right = off.
- Once the remote base unit is turned on, this will enable a green flash and initiate a slow tracking rhythm.
- Now start walking back towards the tag, you should hear a increased rhythm and get max signal rhythm when within 10-15 metres of the tag unit.
- Once the search is done, turn off the remote, or press and hold to activate the tag to chirp to allow tracking by sound.
- Place the Tag into the silicone case (Fig. 7) and attach the case onto your pet's collar . If the collar is too wide to fit into the silicone case vents, please use the provided velcro strap and fit the case onto the strap. (Fig. 8)



Figure 5



Figure 6



Figure 7



Figure 8

Note: You may turn the remote base unit off when not in use to save battery. Turn back on when searching is required.

Additional Out-of-range Alert notes (MUST READ)

- When the Remote base loses the signal with a Tag unit (i.e. out-of-range), the remote base unit will flash rapid RED over 30 seconds than beep di..du and enter "Sleep Mode". If this is the case, press the search button once to enter the search mode as you walk and search the area for a signal.
- When the tag is within range, the remote base unit will show a green light and start a tracking tone within 15 seconds. Start walking in different directions until one direction gives you a increased tracking tone, that way you know you are walking in the right direction. DO NOT turn in circles on the same spot, keep walking until you get a stronger signal

Low battery alerts

- When tag unit requires a battery change, it will enable a quick 'beep' once every 2 minutes.
- If the battery is low while the tracking function is being used, you will hear a quick 'beep' during tracking. One 'beep' while tracking means the Remote base unit has low battery, two 'beeps' means tag unit battery is low.

3 Searching for a misplaced Tag Unit

When a tagged item is misplaced, you can use the Remote Base unit to start searching if it is within a 300 metres (line of sight) radius. Try this first in an open area (e.g. large room, or in your yard).

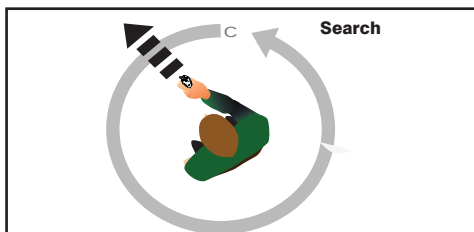
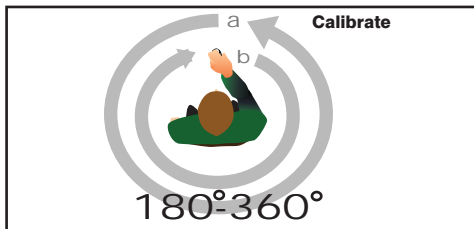
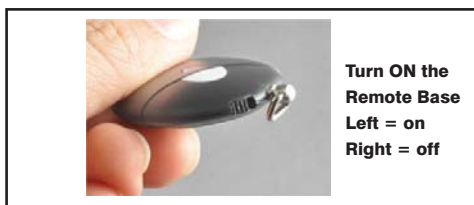
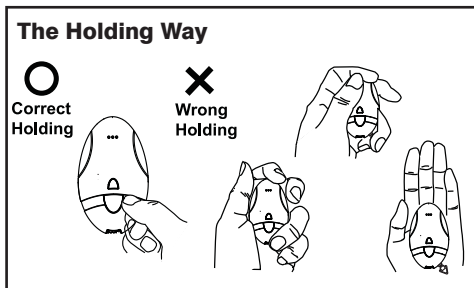
Notice: In order to get good signal reception, please follow the holding way to hold the Base unit.

1. Take the Base Unit and stand apart from the Tag unit (about 10 m). Turn On the Remote Base unit and it will begin to chirp.
2. Before searching in a new area, you must first calibrate the Pet Tracker, you only need to do this **once**, unless your pet goes into an area with very different surroundings as calibration helps make tracking easier. In the current terrain and environment, hold the Remote Base unit in front of you at chest level, in searching mode and scan the area slowly in a circular direction, from right to left for 360° (a) and again from left to right (b), one 360° turn in 3-4 seconds - slowly.

Note: You don't have to scan a full 360°; you can use a narrower search angle (e.g. 180°).

Note II: If the "Direction Indicator" illuminates green on the Base unit during this calibration process, it does not yet indicate the Tag unit's direction.

3. Next, begin the search by slowly scanning a third time from right to left (c). The "Direction Indicator" on the Base Unit will illuminate (green) when it establishes the direction of the tagged item location.
4. Move in the direction of the Tag Unit. As you approach the Tag unit, the frequency of the chirping and blinking (LED) on the Base Unit will increase.
5. If the Tag unit is hidden (e.g. in a pocket), you can hold down the search button to emit light beeps.



Additional Search Function Information

1. In an enclosed room, the green direction indicator may show a false tag location. This is because the RF signals may be reflecting off of walls from different angles. In this case, hold down the button on the Base unit to Mute the Base chirping and follow the Tag beep audible to pin-point its location.
2. This product uses RF signals which can penetrate off walls and floors - however, these signals are also sometimes affected by materials and terrain, such as bodies, water, metal/wire fences, concrete walls, and crowds (e.g. in malls, amusement parks) - for children, it is important to teach them to move to open areas when lost to assure optimal conditions for searching from the Remote Base unit.

4 Frequently Asked Questions

Q. In search mode, why does the Remote base unit show a false direction or several different directions?

A. The Remote base unit collects and compares RF signal strength from the Tag unit to determine location. However, when the Tag unit is already very close to the Remote base unit, the signals can appear emanating from several directions. This can also occur when both units are in an enclosed environment, which causes signal reflection off of walls from different directions, indicating a false location. If this is the case, you can mute the Remote base unit, and simply follow the audio beep issued by the Tag unit during search mode.

Q. Why does the Remote base unit occasionally indicate a false direction?

A. This is also caused by the reflection or blockage of the signal. Signal reflection from walls or wire fences sometimes may indicate a false location. A body of water (e.g. fish tank) for even people may block the signal and weaker reflected signals from surrounding metal objects may indicate a false direction. To remedy this problem, try adjusting your position, wait for the "Status Indicators" to settle and try your search again.

5 Warnings and Important Information

1. The Tag units are water-repellent, but not waterproof! Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that may corrode electronic circuits. If your unit gets wet, remove the battery, and allow the unit to dry completely before replacing it.
2. If you want to use the device during air flight, please comply with the air safety regulations for each respective country.
3. We reserve the right to change the hardware/software specifications and designs, as well as the information in the manuals, at any time without prior notice.
4. Proper operating temperatures for this product are between 40°F ~104°F (5°C~40°C). Proper storage Temperatures are between -4°F~185°F (-20°C~85°C). For operating temperatures under 40°F (5°C) please use LIR2032 batteries only – Ask your Pet Tracker agent.
5. Under low battery charge conditions, both Remote base and Tag will alert with a beep every 2 minutes - in this case, replace batteries immediately. Low battery conditions may result in unpredictable product behavior, such as low alert volume and false readings. To save battery charge, turn off both units when appropriate (e.g. evenings at home).
6. The batteries provided in this product should be disposed of properly according to national or regional recycling regulations - contact local authorities for more information.

Warning: Do not expose the batteries to fire or heat - this may result in danger from explosions.

Federal Communication Commission Interference Statement

This equipment has been tested and improved to comply with the limits of 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 FCC Certifications equipment generates, uses and can radiate radio frequency energy, if installed and used not 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 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.



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 an interference received, including interference that may cause undesired operation.

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

EU / RCM Declaration Conformity

This product is carrying the RCM and CE-Mark in accordance with the related European / Australia / New Zealand Directives.