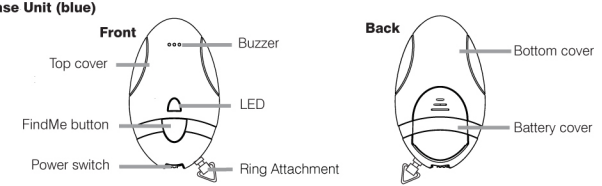
Mini Pet Tracker 208P User Manual

1 INTRODUCTION

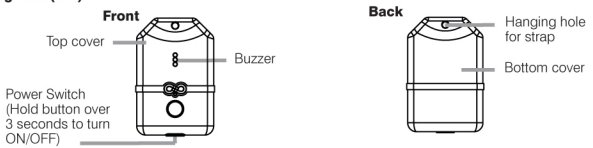
Pets are the accompanying and the family, and it's a responsibility to protected carefully of our pets. When they wondering too far away or trying to play hide and seek with you, the Ardi Pet Tracker shows you an easier way to keep an eye on your lovely pet. It works through closets, walls, indoors and outdoors no matter where your pet decides to hide. The approximate range of The Cat Caller is 250-300 feet. When you cannot locate them, press the search button and listen for the beep. It's loud enough to help you to locate them but did not bother my cats at all. The slave piece is designed to wear on dog collar, and it is water splash resistant with a silicon cover. Different from other pet tracker products, the Pet Tracker 208P offers an alarm function: when dog or cat is certain distance away from host, the base unit would sound a series beep sound.

Product Description

Base Unit (blue)



Tag Unit (red)



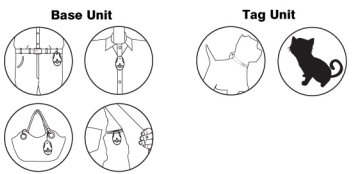
Specifications

Function	Search & Alarm	
Communication Standard	Digital 2.4 GHz RF (Frequency range: 2401.2-2451 MHz	
Search Range	0~300 feet	
Alarm Distance	Near: 90 ± 30 feet, Far: 150 ± 30 feet	
Base unit/Tag unit	Base unit (S08A)x1	Tag unit (S22)x1
Battery Type	CR2032	CR2032
Battery Life Time with Standby	30 days (8 hrs)	90 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)	2.42x1.42x0.46inch	1.5x1x0.42inch
Working Environment	Temperature: 5℃～40℃、humidity:20%～80%	

Package Contents

Model Name	Mini Pet Tracker 208P
Base Unit	1 set
Tag Unit	1 set
Batteries	CR2032x2
Velcro strap	1 set
Hook	1 set
Silicon Sleeve	1 set
User manual	1 set

How to apply/wear the Base and Tag units



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2 GETTING STARTED (Out-of-range Alert)

This section shows how to quickly setup and trigger an alert condition when the Base unit is separated from the Tag unit.

1. Place battery into the Base unit and the Tag unit.

   Base Unit

   1. Open the battery cover by placing your thumb on the cover (as Figure 1) and pulling it backwards until it clicks open; then lift off the cover.
   2. Insert the battery into the battery compartment with the "+" sign on the battery facing up (as Figure 2). Then replace the battery cover by sliding it up into compartment opening.

   Tag Unit

   1. Remove the top cover with your hand. Force the top cover to slide from its mounted position towards the top of the Tag. (as figure 3 & 4)
   2. Insert the battery into the battery compartment with the the "-" sign on the battery facing up. Then replace the top cover by sliding it down into compartment opening.(as figure 5)

2. Make sure that the Base and Tag units are in close proximity.
3. Turn ON the Power switch on both the Base (as Figure 6) and Tag units. Both units will establish a link and begin to blink synchronously.
4. Place the Tag unit in a stationary location. With the Base unit in hand, walk away from the Tag. At about 150 feet, both Base and Tag units will begin to beep and flash, indicating an out-of-range alert condition. (As Figure 7)
5. Return to the Tag unit location and the alerts will cease.
6. Place the Tag into the provided silicon case(as figure 8) and attach the case using the ventilation openings at the bottom onto the Pet's collar . If the Collar is too wide to fit into the Silicon case vents please use the provided Velcro strap on the larger collar and fit the case onto the strap. (As picture 9)
7. Congratulations, you just completed the Quick Setup!

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

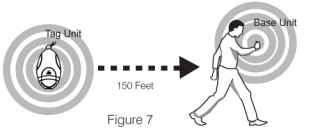


Figure 7

Figure 8

Figure 9

Additional Out-of-range Alert notes

1. When the Tag Unit is within the safe range, the lights on the Base and Tag units blink dimly at regular intervals,i ndicating an active link between Base and Tag units – this is referred to as "Standby Mode".
2. When the Base loses the signal to a Tag unit (i.e. out-of-range), the Base unit beeps for 10 seconds and the Tag unit beeps for 15 seconds. If the Base unit and the Tag unit are not reunited, both units go into Sleep Mode after 10 and 15 seconds respectively. However, the Base unit will intermittently beep until the link is re-established with the Tag unit.
3. When the Tag unit is once again reunited with the Base Unit, press the Search button on the Base unit (Base unit will enter Search mode). Press the Base unit button a second time to re-establish the link.

Setting Safe Range distances for the Tag unit

You can set the safe range distances for the Tag unit to **Near** (90 ± 30 feet), or **Far** (150 ± 30 feet) the factory setting is for 90 feet.

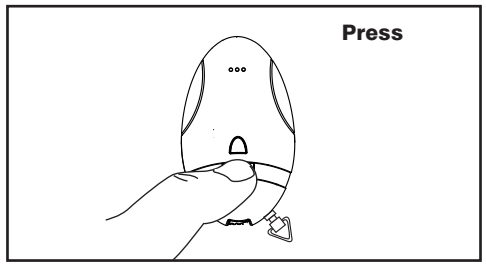
1. Press and hold the "Search/Setting" button on the Base unit - notice how the LED changes from Red and Green. **Red represents "Near" and Green "Far".**
2. When the LED shows the color (i.e. distance) you want to set, simply release the button to set the option.

Note that when you are in Standby mode, the Base Unit LED will blink the color of the safe distance that you set.

3 Searching for a misplaced Tag Unit

When a tagged item is misplaced, you can use the Base unit to search for it, if it is within a 300 ft / 100 m (line of sight) radius. Try this first in an open area (e.g. large room, or in your yard).

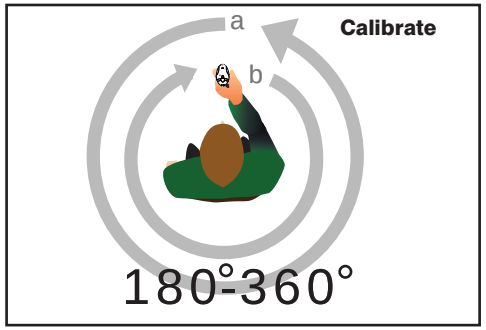
1. Take the Base Unit and stand apart from the Tag unit (about 15-20 ft). On the Base unit, press the Search Button once. The Base unit will begin to chirp and the Tag unit will begin to beep.



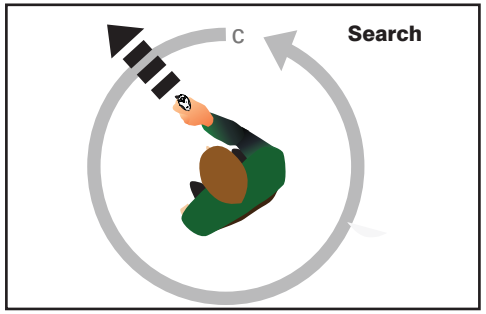
2. Before searching, you must first calibrate the Base to the current terrain and environment. Hold the Base unit in front of you at chest level, and scan the area slowly in a circular direction, from right to left for 360° (a) and again from left to right (b), one 360° turn in 3-4 seconds.

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

   Note: 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 MUTE the Base unit by holding down the button on the Base unit, allowing you to follow the Tag beep audible to pin-point Tag unit's location.



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 walls and floors - however, these signals are also sometimes affected by materials and terrain, such as bodies of 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 Base unit.

4 Panic call from Tag Unit

The Tag units have an additional function of allowing a child or elderly dependent to call the Base unit for help. To activate the Panic alert, press and hold down the panic button on the Tag unit; the Base unit will beep and blink brightly. When the Tag button is released, the Panic alert ceases.

5 Frequently Asked Questions

Q. In search mode, why does the Base unit show a false direction or several different directions?
A. The 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 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 Base unit, and simply follow the audio beep issued by the Tag unit during search mode.
Q. Why does the 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.
Q. What can cause a false out-of-range alarm?
A. False alarms are caused by:
- Base and Tag units being too close to each other.
- Low battery charge on Base or Tag units
- Either the Base or Tag unit being placed in a pockets with other items, blocking the signals.

Q. Why is the range alarm distance not consistent?
A. Because radio signal strength and signal reflection are affected by the environment and terrain, users may need to adjust the out-of-range distances to compensate for environmental factors.
Q. No Alert when the Tag unit is out of range
A. - Check for low battery on both units
- Check the out-of-range distance - if the Tag unit is set for "Far", you may need a greater distance before setting off an Alert.

6 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 device gets wet, remove the battery, and allow the device 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 14˚F ~140˚F (-10˚C~60˚C). Proper Storage Temperatures are between -4˚F~185˚F (-20˚C~85˚C) .
5. Under low battery charge conditions, both 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 determinedly 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.