

F900

Wireless Electronic Fence User Manual



Version: WT-F900-V1

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I: Getting to Know the Product


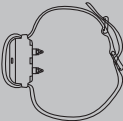

1. Product Overview and Introduction


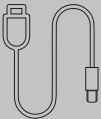
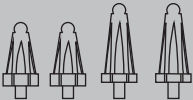



The F900 Wireless Electronic Fence employs high-precision radar ranging technology, providing a minimum fence distance of 10 feet and a maximum of 120 feet. It delivers effective signals by monitoring and determining distances both indoors and outdoors. This system eliminates the need for a physical fence. With simple operation and proper training, your dog can play freely within a safe area.

Fence Mode

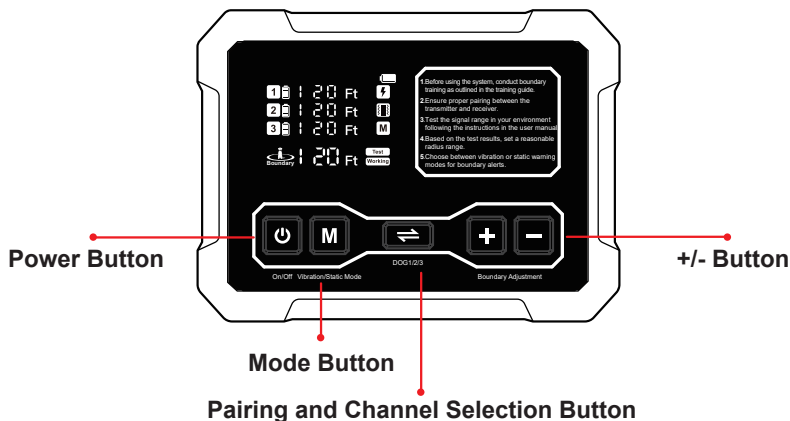


2. Component List





	F900 Wireless Electronic Fence-Transmitter	1
	Receiver Collar (depending on purchased set)	1 or 2
	Boundary flag	10

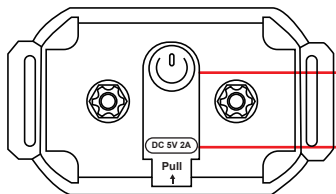
	<p>Static stimulation test light</p>	<p>1</p>
	<p>Type-C charging cable</p>	<p>1</p>
	<p>Contact points for short hair and long hair</p>	<p>2 pairs</p>
	<p>User Manual</p>	<p>1</p>
	<p>Training Guide</p>	<p>1</p>
	<p>Remote Holder</p>	<p>1</p>

3.Button Descriptions



	Transmitter Battery Level
	Battery Level and Distance from the Transmitter for Receivers 1/2/3
	Static Mode Icon
	Vibration Mode Icon
	Test Mode: Indicates the process to find the optimal signal location for transmitter placement
	Working Mode: Signals the activation of the warning function
	Icon indicating the receiver is turned off or out of signal
	Icon showing the set boundary distance





	Power Button	Used to turn the device on or off
	M Button	Press once to toggle between vibration and static modes. Press and hold for 2 seconds to switch between working and test modes
	Pairing Button	Long press to switch between channels for Dog 1, Dog 2, Dog 3
	+/- Button	Adjusts boundary distance or channel selection



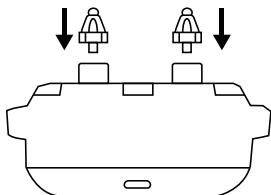
• **Power Button:** Used to turn the device on or off and for pairing

• **Type-C Charging Port**

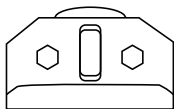
Receiver LED Indicator

	Power On	Green light flashes.
	Power Off	Red light flashes twice and then turns off
	No Signal	A flashing red light indicates no signal
	Pairing	The green light flashes for 15 seconds

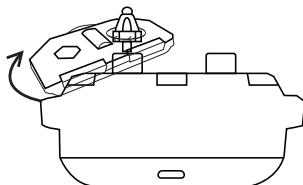
4. Contact Points Installation



Install the
contact points



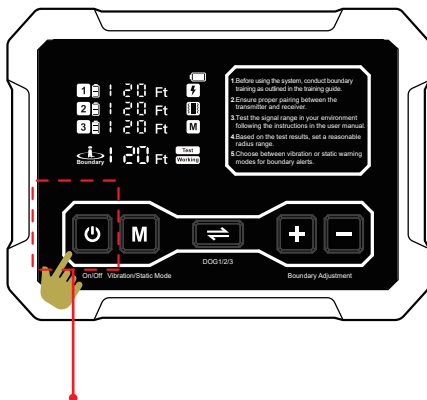
Take test light



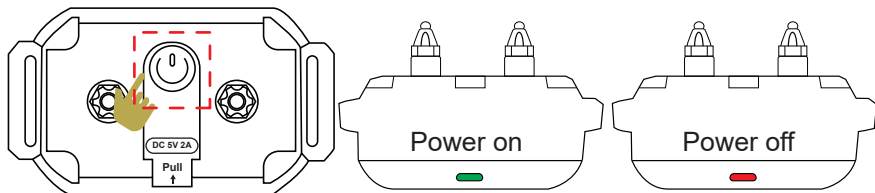
Tighten the contact
points using the test light

II: Feature Explanation and Operation

1.Power On/Off



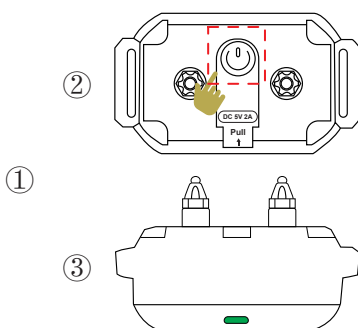
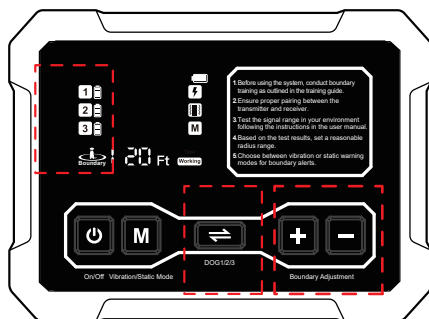
Transmitter: Press the power button once to turn on. Hold the power button for 2 seconds to turn off.



Receiver: Press the power button once to turn on. Hold the power button for 2 seconds to turn off. Upon powering on, a beep sound is emitted, and the green indicator light turns on. When turning off, two beep sounds are emitted, and the red indicator light flashes twice before turning off.

2. Pairing Operation Steps

- ① After turning on the transmitter, hold the pairing button for 2 seconds to enter the pairing mode. Then select one of the pet channels (Dog 1, Dog 2, Dog 3) by quick pressing pairing button.
- ② When receiver is turned off, hold the power button for 3 seconds to enter pairing mode. The receiver's green light will flash quickly for 15 seconds.
- ③ Within 15 seconds, press the M button on the transmitter to complete the pairing process.
A successful pairing is indicated by a beep from the receiver and the green light flashing slowly. (If the pairing was unsuccessful within 15 seconds, the green light will stop flashing, and you need to press the power button on the receiver for 3 seconds again to re-enter pairing mode.)



To pair additional receivers, select a different channel and follow the same steps. Each channel can only be paired with one receiver. If a receiver is paired with a channel that is already in use, it will override the previous pairing. Simply switch to a different channel.

3. Switching Working Modes

You need to choose the warning mode for how the pet will be corrected when it crosses the boundary on the way out. No warning is triggered on the way in. Press the **M** button to select either static or vibration mode.

 **Static Mode:** Sound + Vibration + Static stimulation.

Level 1: audible signal only.

Levels 2-6: progressive sequential sound, vibration and static stimulation are automatically activated in the order.

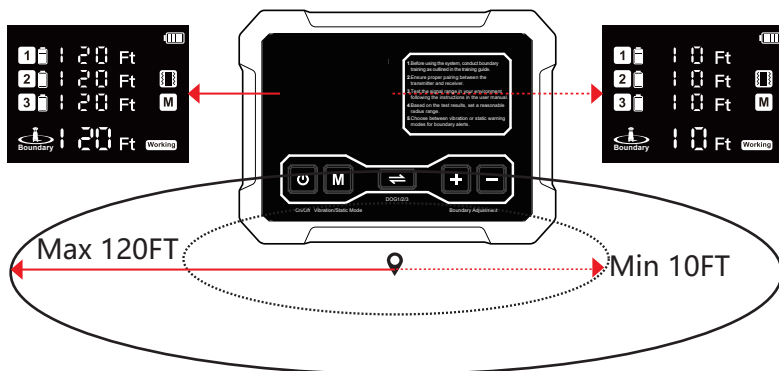
 **Vibration Mode:** Only sound and vibration warnings.

Level 1: audible signal only.

Levels 2-6: progressive sequential sound and vibration are automatically activated in the order.

4. Setting Fence Boundary

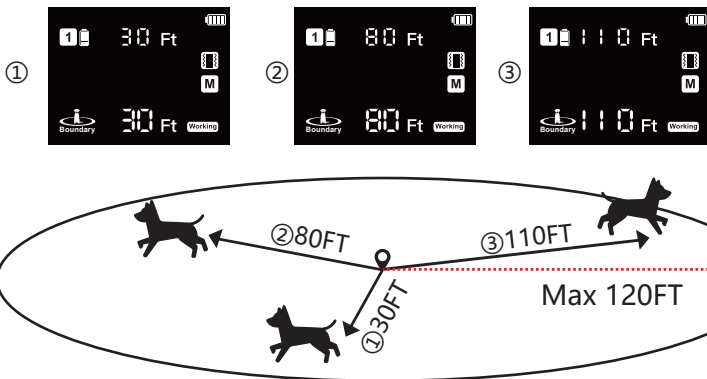
- 1.This product establishes a wireless circular fence boundary with the transmitter serving as the center point and setting a specific radius distance.
- 2.The boundary radius can be adjusted using the +/- buttons. The minimum setting is 10FT, and the maximum setting is 120FT, creating a circular boundary.



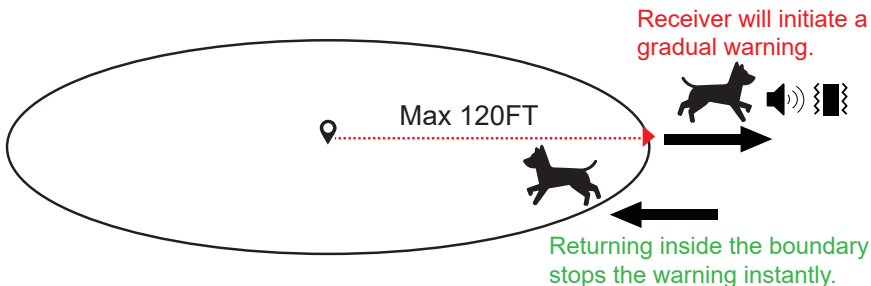
5. Working Mode Status

Function: In working mode, the system monitors the pet's position based on a set distance to the fence and issues alerts when the dog approaches the boundary line.

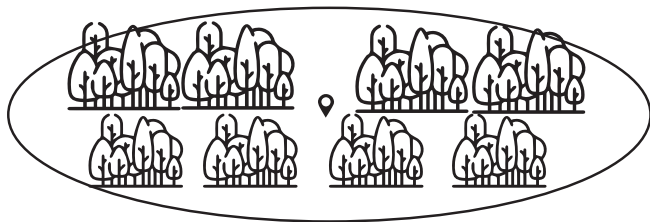
Pet Monitoring: The transmitter displays the real-time distance to the receiver (pet collar).



Beyond the Fence: If the pet goes beyond the set fence distance, the receiver initiates progressive warnings, which cease immediately once the pet returns within the boundary.



No Signal Alert: In areas with no signal coverage, the transmitter will indicate this. No warnings will be triggered on the receiver in no-signal areas, ensuring no harm to your pet. Just ensure the boundary line is set within area covered by signal.



6. Recommendations for Placement of the Transmitter

The transmitter functions as the central origin point of the fence.

Signal accuracy may be slightly influenced by interference from devices such as Wi-Fi networks, Bluetooth devices, microwaves, cordless phones, and metal base stations.

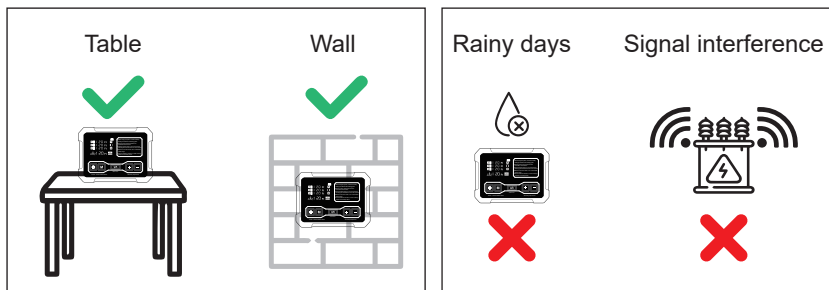
Additionally, obstacles in various environments, including indoors, outdoors, mountains, and buildings, can lead to signal attenuation, which may affect the product's effectiveness.

It's important to note that while these factors may affect signal accuracy to a minor extent, typically resulting in only around a 5% deviation, the product can still operate reliably. Therefore, if optimal placement is not feasible, the product can still function effectively with usually insignificant deviations.

Consider the following recommendations for placement based on your specific location:

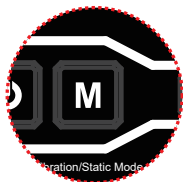
- (1) It's advisable to position the transmitter on a table or mount it on a wall to prevent pets and children from accessing it, thereby minimizing the risk of damage.

- (2) The transmitter is not waterproof, so refrain from placing it in rainy conditions or near water sources.
- (3) To minimize interference, keep the transmitter at a distance from Wi-Fi network routers, Bluetooth devices, microwaves, cordless phones, and metal base stations.
- (4) For optimal performance, situate the transmitter in an open area devoid of obstructions. For example, place it on a clutter-free table indoors or mount it on a wall near the entrance when utilized outdoors.



7. Test Mode Operation Instructions

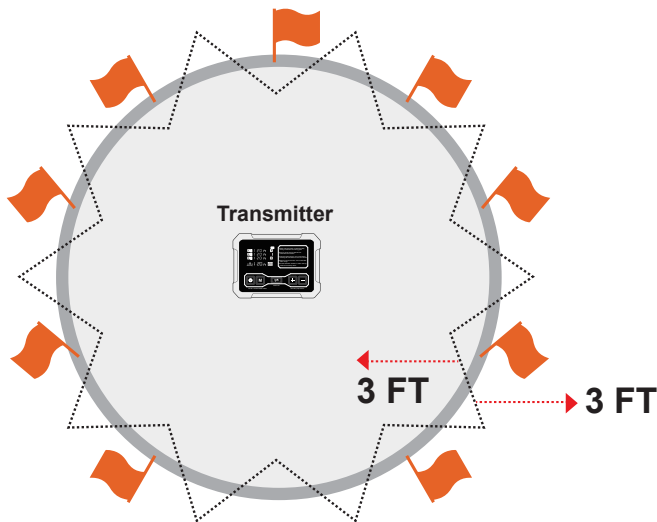
Press and hold the M button for 2 seconds to switch between test mode and working mode. Choose working mode for normal use, and test mode for assessing environmental signal conditions. In test mode the pet collar will only alert if the signal is lost or becoming unstable.



Note: Signal accuracy may be slightly affected by interference from devices like Wi-Fi networks, Bluetooth devices, microwaves, cordless phones, and base stations. Additionally, obstacles in various environments such as indoors, outdoors, mountains, and buildings can cause signal attenuation, which may impact the effectiveness of the product. It's important to note that these factors typically result in a minor deviation of up to 5% in accuracy. Therefore, when choosing the ideal placement for the transmitter, we recommend avoiding areas with noticeable electronic interference to achieve the best performance. While this may not always be feasible, if possible, finding a location with minimal electronic noise can enhance the device's accuracy.

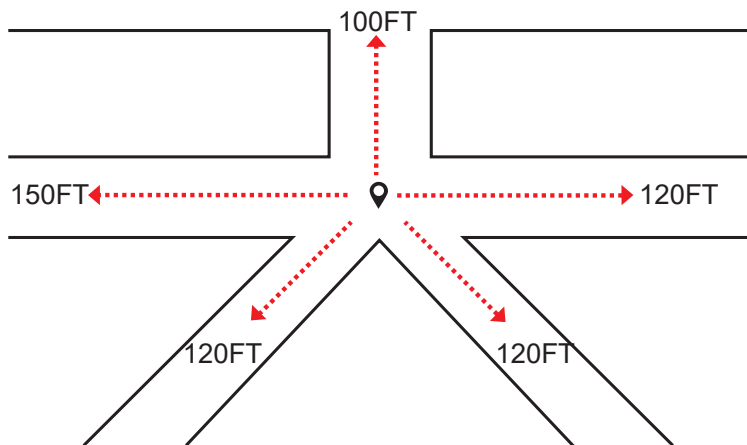
The purpose of the test mode is to assess signal stability, range, and measure the working range in the actual usage environment. It also helps determine the optimal placement of the transmitter. Below in this section, you will find a two-person method and a one-person method on how to do it.

To ensure proper functionality of the wireless fence, it's essential to verify that the signal is stable both before and beyond the boundary by at least 3 feet. Without a stable signal near the boundary, the system will not effectively contain your pet, as there will be no warning when the dog crosses the boundary in an area with an unstable signal.



The logic behind the test is to identify the maximum stable signal range in all desired directions where you plan to contain your dog. Based on this information, you can then set up the radius for the fence. The minimum possible radius is 10 feet, and the maximum workable radius will be equal to the shortest signal range observed in your test for the desired directions.

For example, after testing the range in five directions where you plan to contain the dog, if the shortest range is approximately 100 feet, you can safely switch to working mode and set up the fence radius somewhere between 10 feet (the minimum) and 120 feet (the maximum), depending on your needs and your property.



Note: If you have a small property with the intended radius well within 100 feet (for instance, 50 feet), there's no need to find the maximum signal range, as it's very likely to reach your desired boundary. Instead, ensure that the signal is stable near the boundary in all required directions.

If your test results with the current position for the center point are not satisfactory, please change the position of the center point and conduct the test again to find the optimal placement. Below are two methods on how to determine the maximum stable signal coverage.

Two-Person Testing Method:

A. Position the transmitter at the desired central point. One person observes and records distance shown on the transmitter, while another carries the receiver to test signals in various directions.

B.The observer notes when "No Signal" appears, indicating the signal free area, and records the distance before signal loss.

C.The person with the receiver moves slowly in one direction. When the receiver beeps, indicating no or unstable signal, move back slightly until the beeping stops to find the stable signal position.

D.Repeat the steps for other directions as needed.

Single-Person Testing Method:

E.Place the receiver at the desired central point and take the transmitter.

F.Slowly move in one direction with the transmitter until it beeps and displays "No Signal," indicating a signal-free area.

G.Step back slightly until the beeping stops, marking the stable signal position, and record the distance shown on the transmitter.

H.Repeat the process for other directions as necessary.

III: Charging Instructions

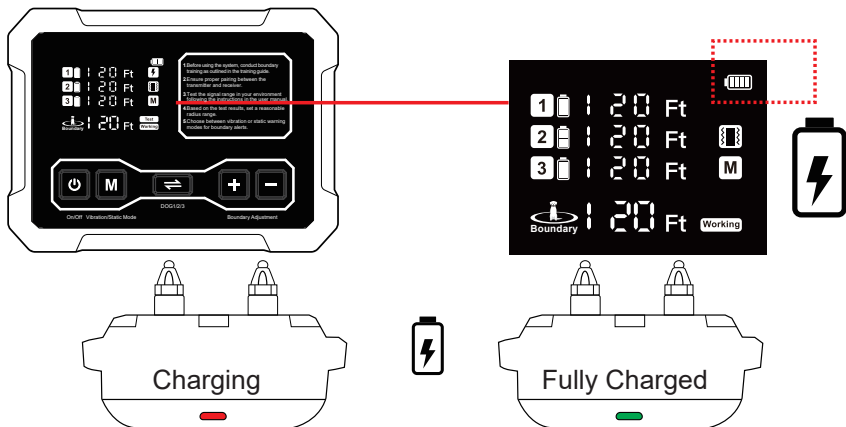
1) While the transmitter is charging, the battery icon animates. When the battery is fully charged, the screen turns off.

2) The indicator light flashes red during charging and changes to green when charging is complete.

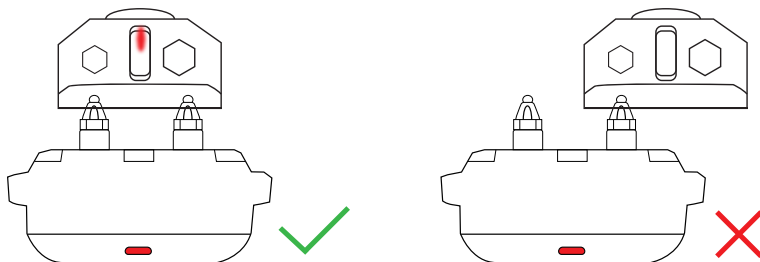
3) It takes approximately 6-7 hours to fully charge the transmitter. Can operate as usual during the charging process.

4) The receiver requires about 3-4 hours to reach full charge.

5) Use a 5V 2A plug and the provided charging cable for the charging.



How to test the static stimulation function?



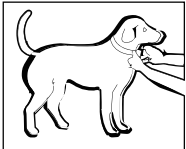
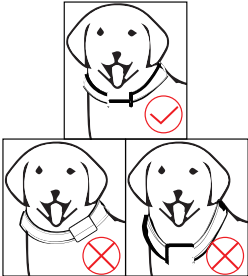
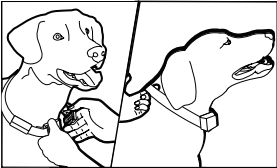
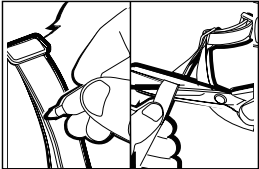
Working Modes:

Press the M button to select static mode.

Attach the test light to the static post. If the light activates upon exiting the fence boundary the static feature is working correctly.

IV: Wearing Methods and Precautions

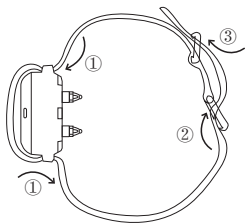
1. Wearing methods

①	Please ensure the dog is in a comfortable standing position and that the receiver is turned off before putting it on.	
②	Please position the receiver in the middle of the dog's neck with the power button facing upward and the contact point aligned with the dog's throat.	
③	Check the tightness of the receiver. You should be able to easily insert a finger between the collar and your dog's neck. If the collar is too loose or too tight, it will affect the operation of the device.	
④	Mark the desired length of the collar with a pen, remove the excess collar, and cut it off.	

2.Wearing precautions

- Prolonged or tight collar wearing may cause skin irritation to your dog, which must be avoided.
- Ensure your dog does not wear the collar continuously for more than 12 hours a day.
- Reposition the collar on your pet's neck every 1 to 2 hours.
- Regularly check the collar's tightness to prevent excessive pressure. Do not attach a leash to this collar, as it may cause excessive pressure on the device.
- Clean your pet's neck area and the receiver's contact area with a damp cloth every week.
- Inspect the contact area daily for signs of rash or discomfort.
- Discontinue use of the collar and seek veterinary attention immediately if you notice a rash or discomfort in your dog. If the condition persists for more than 48 hours, discontinue use of the collar.

3.How to Assemble the Collar Belt



Step 1: Pass the belt through the receiver

Step 2: Pass the belt through the tri-glides buckle

Step 3: Pass the excess belt through the Metal Ring

V: Frequently Asked Questions

Question	Analyse/Suggestions
1. Is static stimulation safe to use?	Static stimulation is safe, with intensity similar to a mild static stimulation, posing no harm to pets. Static mode is optional, so if you prefer not to use this type of correction, you can opt for the vibration mode, which does not include static warnings.
2. What is the appropriate duration for wearing the collar?	It is recommended not to exceed 12 hours of continuous wear and to adjust the collar's position and tightness every 2 hours to prevent discomfort or pressure on the pet.
3. What actions should be taken if the collar causes discomfort to the dog?	<ul style="list-style-type: none">● Ensure the collar is properly fitted and avoid using it to lead or pull the pet.● Regularly clean the pet's neck and the contact points of the collar.● Monitor the pet's skin for any reactions. If discomfort occurs, stop using the collar until the area has healed.
4. What is the purpose and appropriate timing for using the test mode?	Test mode is used to assess signal stability in various environments, such as indoors or outdoors. Before setting up the fence, test mode should be used to determine the optimal distance where the signal is stable.

Question	Analyse/Suggestions
5.What are the differences between the test mode and working mode?	Test mode is primarily for checking signal stability and does not set up a fence boundary. During testing, the pet collar will only alert if the signal is lost. Before regular use, switch to working mode and set the fence boundary.
6.What causes signal interruption?	Exceeding the range of 10-120FT or encountering interferences like Wi-Fi can cause signal interruption. It's advised to test for signal stability before use.
7.What are the specific purposes of the test mode and working mode?	<ul style="list-style-type: none"> ● Wireless devices such as Wi-Fi and Bluetooth can cause signal interference. ● Strong electromagnetic fields, multipath effects, changes in weather, and physical barriers can affect the signal's strength and stability.
8.What are the specific purposes of test mode and working mode?	Test mode is designed to help you find the best location for your fence by checking for signal interference, allowing you to identify suitable areas for fence placement. Once switched to working mode, the fence function is activated to ensure your pet's safety.

Question	Analyse/Suggestions
9.How accurate is the distance displayed on the main unit?	The main unit displays the straight-line distance, which may have a slight margin of error. Use test mode to accurately determine the fence boundaries
10.What are the recommended guidelines for placing the main unit?	The main unit should be placed at the center of the fence for optimal coverage. Choose an open and clear area for placement, ensuring it's not too close to home appliances or other devices that could cause interference.
11.Do dogs need special training before using the fence feature?	Yes, appropriate training is required for dogs before using the fence mode. Detailed training guidance can be found in the training manual that we provide in the package.
12.Can this product be used with other animals such as cats, cows, or sheep?	This product is specifically designed for dogs due to their adaptability. It is not recommended for use with cats or other livestock, as their behaviors and reactions may differ significantly.

Question	Analyse/Suggestions
<p>13.What happens with the warning system when there is no signal?</p>	<p>When there is no signal, the warning system will not be activated. This means that if the dog is in an area without a signal, it will not receive any alerts.</p>
<p>14.The system does not give a warning when the signal is fine, but the boundary is crossed.?</p>	<ul style="list-style-type: none"> ●Ensure the device is in working mode. Warnings for crossing boundaries are only activated in this mode. ●Verify the boundary settings to ensure they meet your requirements. ●Please check if the transmitter location is changed. If the main unit is moved, the fence boundary will change accordingly, which might result in no warning if the boundary is crossed.
<p>15.How do you determine the battery levels of the transmitter and receiver?</p>	<p>The transmitter displays the battery levels of both the collar and itself. When the battery is low, there will be an alert, indicating that it's time to charge.</p>

Question	Analyse/Suggestions
16.What should be done if there are problems with charging the device?	Use a 5V2A charger for charging. If you encounter difficulties, try replacing the charging cable or check again after charging for 2 hours. A charger with lower power output may cause slow charging.
17.What happens to the collar when the main unit runs out of battery?	When the main unit has no power, the collar will not function. However, the collar can still be used normally while the main unit is being charged.
18.What is the charging duration for the device?	Using a 5V2A charger, it takes about 6-7 hours to fully charge the main unit and 3-4 hours for the collar. It's recommended to charge when the battery is low to maintain battery life.
19.What is the operational duration of the device after being fully charged?	The usage duration depends on the frequency and mode of use. For instance, with continuous use of the fence test mode, the main unit and the collar can last for about 20 hours.

Question	Analyse/Suggestions
20.How many dogs can be simultaneously controlled with this system?	This product can control up to three dogs simultaneously. Additional collar receivers need to be purchased separately.
21.How waterproof is the product?	The collar is waterproof, but the main control unit is not. Please keep the main unit away from water.
22.For what sizes of dogs is this product appropriate?	This product is suitable for medium to large breeds of dogs.

VI: About After-Sales

1.If the device is defective within 30 days from the date of purchase, you must take a picture or video of the faulty product. After customer service approves, a replacement can be sent. The defective product must be returned to the factory within 7 days of receiving the replacement.

2.If the device becomes defective after 30 days from the date of purchase, but before the end of the 1-year warranty period, the customer will be required to ship the device back to the factory at their own expense. We will test and replace any faulty parts, then return the device to you free of charge.

3.This warranty is a supplement to other rights and remedies provided by law. For major failures and any other compensation if it is a reasonably foreseeable loss or damage, you are entitled to a replacement or refund.

4.You also have the right to repair or replace the goods in the following cases: the quality of the goods is unqualified, and the failure does not constitute a major failure. If you have any questions or need more information, please contact our customer service.

VII: Compliance



This symbol means that the product has been CE certified, and any product with CE mark is proved in compliance with the local regulations of EEAs.



This symbol means that the electromagnetic interference of the equipment is lower than the limit approved by the Federal Communications Commission.



Disposal of package: The package shall be disposed by type. Disposed as waste papers for cardboards and cartons Recycling for packaging cases.



Disposal system: The disposal system shall be applicable to EU and other European countries and capable of collecting recyclable materials by category.

VIII: FCC Warning

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. Any 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 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.

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