F900 Plus
Wireless Electronic Fence User Manual

Version: WT-F900PLUS-V1

Table of Contents

I: Getting to Know the Product

1. Product Overview and Introduction

The F900 Plus Wireless Electronic Fence incorporates high-precision radar ranging technology and boasts a versatile 3-in-1 system, comprising a fencing system, a training system, and a forbidden zone system. It caters to a range of training scenarios, including home etiquette, obstacle avoidance, and safe area training. With its user-friendly design and intuitive interface, it facilitates quick mastery of each functionality.
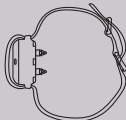
Dog Training Mode   Fence Mode   Forbidden Mode

2. Component List

	F900 Plus Wireless Electronic Fence (transmitter, main units)	1
	Receiver Collar, depending no purchased set	1 or 2
	Boundary flags	10
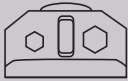
	Static stimulation test light	1
	Type-C charging cable	1
	Contact points for short hair and long hair	2 pairs
	User Manual	1
	Training Guide	1
	Remote Holder	1
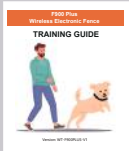
3.Button Descriptions

Power Button:
To turn device on and off.

Training Mode Button: Activates training mode.

Fence Mode Button: Initiates fence mode

Forbidden Mode Button: Activates forbidden zone mode.
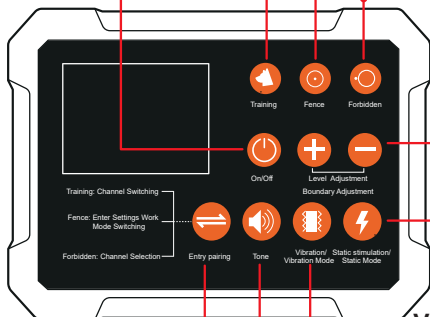
+/- Button: Adjusts boundary distance and vibration (in fence and forbidden modes)/ or static intensity levels (in training mode)

Static Stimulation: 16 levels in training mode, non-adjustable in fence and forbidden modes

Vibration: 8 levels in training mode, non-adjustable in fence and forbidden modes.
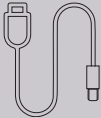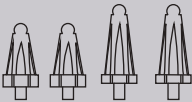
Tone: Level 1 sound, non-adjustable

Training: Channel Switching

Fence: Enter Settings Work Mode Switching

Forbidden: Channel Selection

Entry pairing   Tone   Vibration/ Vibration Mode   Static stimulation/ Static Mode

Training   Fence   Forbidden

On/Off   Level Adjustment   Boundary Adjustment

Pairing Button: Or the Switch button serves multiple functions:
Long press in any mode: starts pairing process.
Short press:
1) In training mode: to switch dog channels.
2) In fence mode: to toggle between test and working modes.
3) in forbidden zone mode: to switch between restricted dog channels.
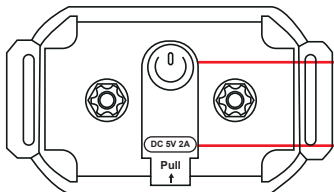
Power Button: For power and pairing.

Type-C Charging Port

DC 5V 2A
Pull

3

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
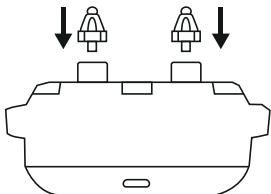
Install the contact points
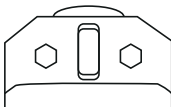
Take test light
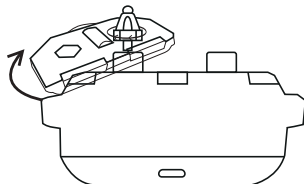
Tighten the contact points using the test light

II: Explanation of the Functions and Operation

1.Power On/Off

Transmitter: Press the power button once to turn on, and hold it for 2 seconds to turn off.

Three-in-One
TRAINING + FENCE + FORBIDDEN

Receiver: Press the power button once to turn on, and hold for 2 seconds to turn off. It emits a beep and displays a green light when turning on, and beeps twice with a flashing red light when turning off.
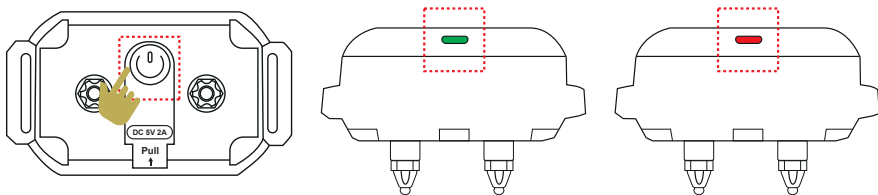
2. Steps for Pairing the Transmitter and Receiver

Step 1: In any mode, long-pressing the pairing button will enter pairing mode.
Use the Pairing button to select a channel (Dog 1, Dog 2, Dog 3).

Step 2: When receiver is turned off, press and hold the power button on the receiver for 3 seconds to enter pairing mode. The receiver is in pairing mode for 15 seconds, indicated by rapid green flashing for the same duration.
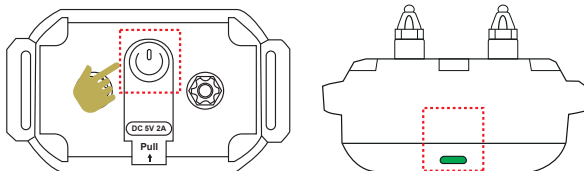
Step 3: To complete pairing, press any of the tone, vibration, or static stimulation button on the transmitter within 15 seconds. Upon successful pairing, the transmitter's interface will switch back to the main screen, and the receiver will emit a beep with a slow flashing green light.
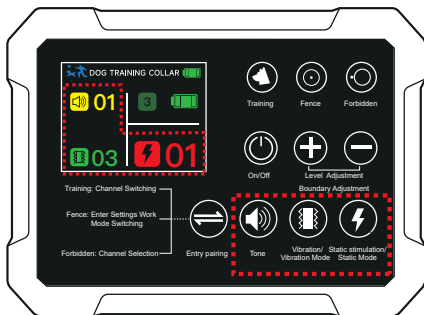
Note:

To pair additional receivers, select different channels and follow the same pairing steps. Each channel can only be paired with one receiver.

If a channel is already paired with a receiver and you pair it with a new one, it will override the previous pairing. Simply switch to a different channel for additional receivers.
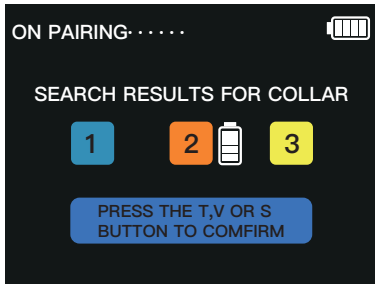
Note: Once paired, the channels can be used for training, fencing, or forbidden modes without the need to re-pair in different modes.

3. Introduction and Usage of the Fence Mode

3.1 Working Principle of Fence Mode

The operation of the Fence Mode is based on establishing an invisible circular boundary around the transmitter, with a radius ranging from 10 feet to 120 feet. When the dog, equipped with the receiver, approaches or crosses this boundary, the receiver emits alerts, prompting the dog to return to the designated safe area. With straightforward operation and your training efforts, your dog can enjoy playing freely within the specified safe zone.

For convenience, the device features both Working and Testing modes (for more details, refer to section 3.6). In Working mode, the system monitors the pet's position based on the set fence distance and issues warnings as the pet approaches the boundary. Pet Monitoring: The transmitter displays the distance to the receiver (pet collar) in real-time.
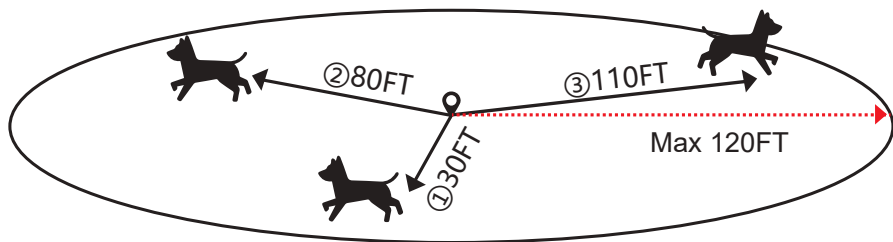
Beyond the Fence: If the pet goes beyond the set fence distance, the receiver initiates progressive warnings, which cease immediately once the pet returns within the boundary.

7

Receiver will initiate a progressive warning.

Max 120FT

Returning inside the boundary instantly stops the warning.
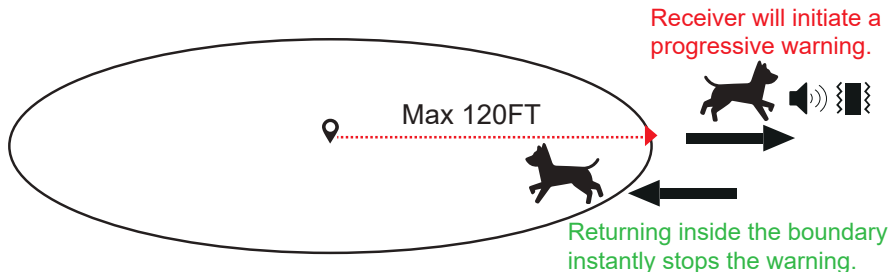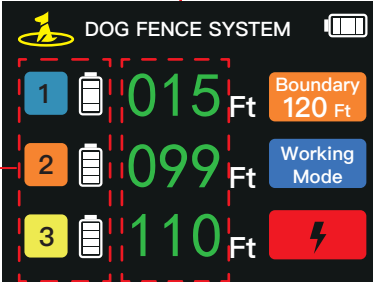
No Signal Alert: In areas with no signal coverage, the transmitter will indicate this. No warnings will be triggered on the receiver in no-signal areas, ensuring the safety of your pet. Simply ensure that the boundary line is set within an area covered by the signal.

DOG FENCE SYSTEM

1	No Singal	Boundary 120 Ft
2	No Singal	Working Mode
3	No Singal	

No Singal
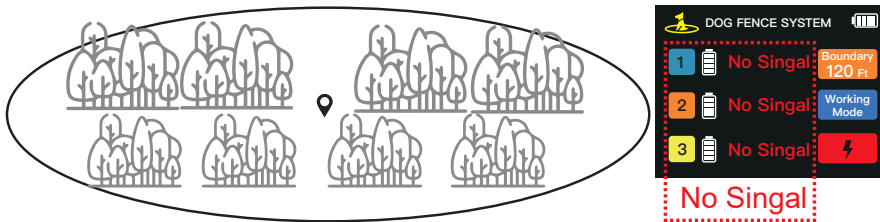
3.2 Fence Mode Interface Introduction

Displays the distance between the receiver and transmitter, which changes as they move. Supports displaying the positions of up to three receivers.
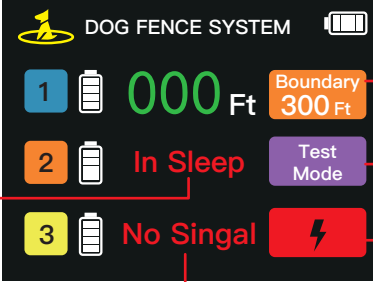
Displays working status and battery level for Dog 1/ Dog 2/Dog 3

The pre-set distance for the established fence.

Working Mode: Activates warning functions

Displays current warning mode: vibration

DOG FENCE SYSTEM

1 015 Ft Boundary 120 Ft
2 099 Ft Working Mode
3 110 Ft

DOG FENCE SYSTEM

1 000 Ft Boundary 300 Ft
2 In Sleep Test Mode
3 No Singal

Shows receiver in sleep mode

The default distance for the testing mode.

Test Mode: Identify the best signal location for the transmitter

Displays current warning mode: static stimulation

Indicates "No Signal" when the receiver loses connection

3.3 Fence Mode Operation

①To enter the fence mode, press the Fence button.

②Press the Pairing button to select test mode or working mode.

③Press the vibration/static buttons to choose the warning mode.

④Press the +/- buttons to adjust the boundary distance between the transmitter and the receiver by pressing (10-120Ft).
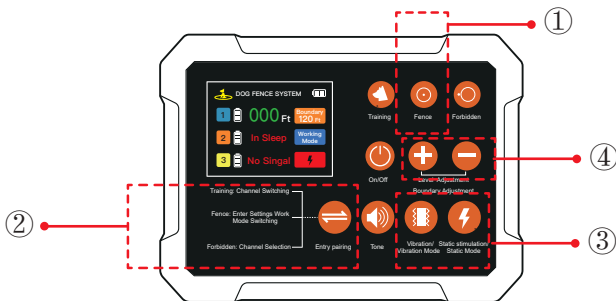
$\boxed{\not\xi}$ **Static Mode**: Sound + Vibration + Static stimulation.

Level 1: audible signal only.

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

$\boxed{\text{⁞⁞}}$ **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.

3.4 Setting the Fence Boundary

1.This product establishes a wireless circular fence boundary using the transmitter as the center point and sets a specific radius distance.
2.The boundary radius can be adjusted using the +/- buttons. The minimum setting is 10 feet, and the maximum setting is 120 feet, creating a circular boundary.
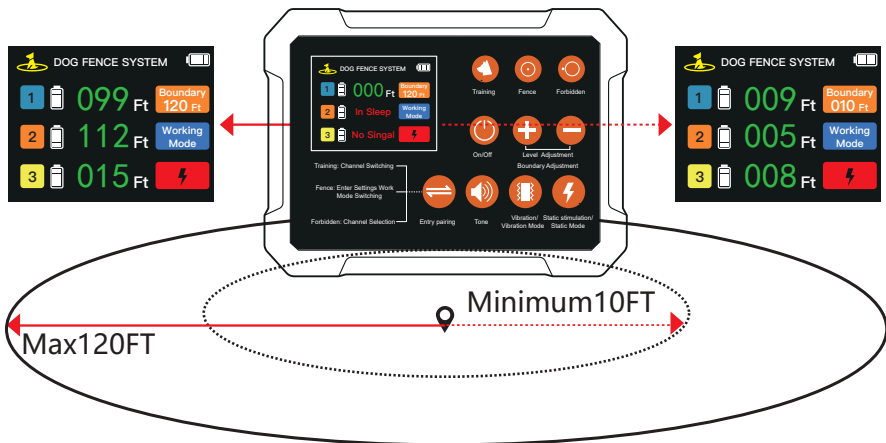
3.5 Recommendations for the Placement of the Transmitter

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.

Table	Wall	Rainy days	Signal interference
✔	✔	❌	❌

3.6 Introduction to the Test Mode

In fence mode, short press the Pairing buttonto toggle between the test mode and work mode. Choose working mode for normal use, and test mode for assessing environmental signal conditions.

Note: The wireless fence's electronic signal may be slightly affected by interference from the devices like Wi-Fi router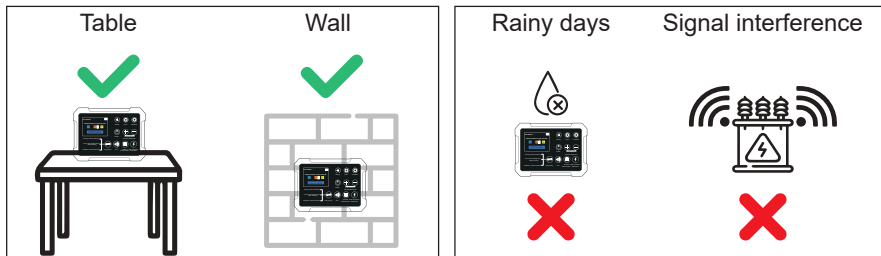s, Bluetooth devices, microwaves, cordless phones, and metal base stations. Therefore, it's crucial to first utilize the test mode to ensure a stable signal environment before determining the range of the fence.

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.
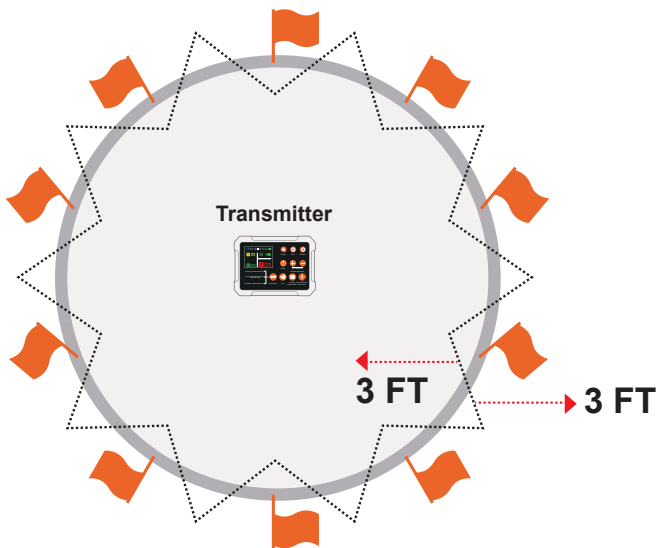
The logic behind the test is to identify the maximum stable signal range in all desired directions where you plan to contain your dog. Based on this information, you can then set up the radius for the fence. The minimum possible radius is 10 feet, and the maximum workable radius will be equal to the 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.
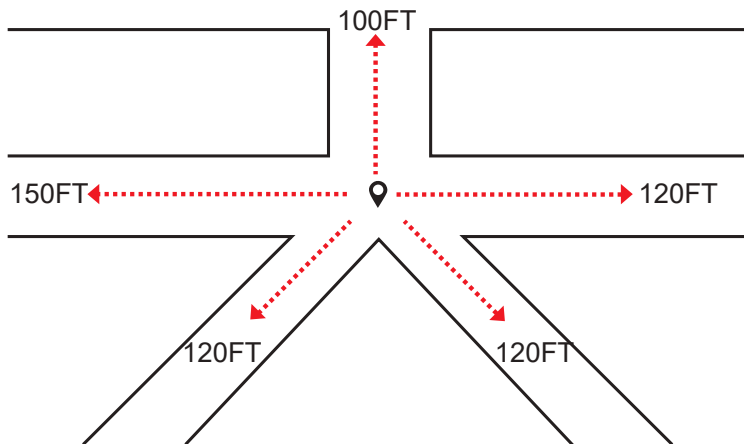
Note: If you have a small property with the intended radius well within 100 feet (for instance, 50 feet), there's no need to find the maximum signal range, as it's very likely to reach your desired boundary. Instead, ensure that the signal is stable near the boundary in all required directions.

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.

4.Introduction and Usage of the Forbidden Zone Mode

4.1 Working Principle of Forbidden Zone Mode

The forbidden zone mode creates a circular no-entry area for pets, centered on the transmitter with a radius of 5FT to 15FT. If a pet enters this area, the collar emits a warning to deter them.
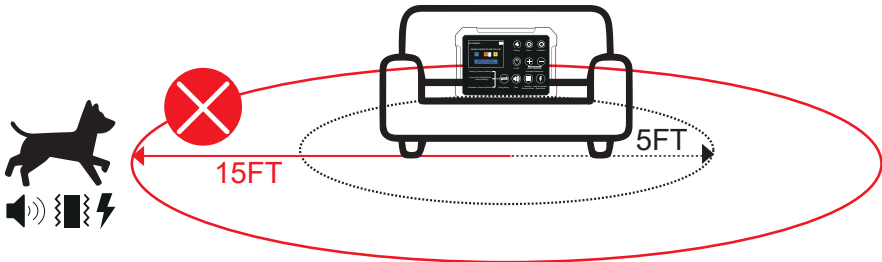
4.2 Forbidden Zone Mode. Introduction

Displays the channel currently in forbidden zone mode, which can be a single or multiple channels.
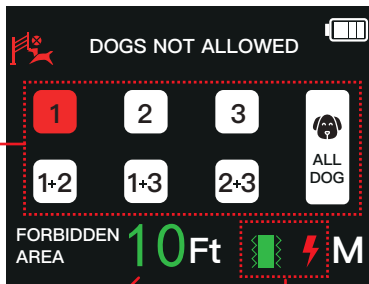
10FT: The set forbidden zone distance

Indicates the current warning mode for the forbidden zone setting. The vibration and static stimulation warning levels in the Forbidden Zone mode are the same as those in the Fence mode.

4.3 Forbidden Zone Mode Operation

Press the Forbidden area button ◎ to activate this mode. The home screen displays the barrier mode icon, vibration or static mode, and the dog(s) forbidden from entering.

Choose which dogs are prohibited from entering the area by pressing the Channel Selection button: Dog 1, Dog 2, Dog 3, Dog 1+2, Dog 1+3, Dog 2+3, or ALL DOG.

Switch between vibration and static mode: the system defaults to vibration. Press the Static Mode button to change, as indicated by the static icon on the screen.

Adjust the forbidden zone distance using the +/- buttons, ranging from a minimum of 5 feet to a maximum of 15 feet.

4.4 Recommended Usage Scenarios

a) Kitchen or Baby's Room: Ensure pets stay out of areas where they may disrupt activities or encounter potential hazards.

b) Sofa or Bed: Prevent pets from climbing onto furniture where they may cause damage or create messes.

c) Home Office: Keep pets out of your workspace to protect documents and equipment.

d) Garage or Workshop: Prevent pets from accessing hazardous materials.

e) Garden or Flowerbeds: Protect your plants from digging or trampling.

f) Child's Play Area: Create a safe zone for children without pet interference.

g) Specialized Rooms: Secure sensitive areas like music studios or home theaters

5. Introduction and Usage of the Training Mode

5.1 Working Principle of Training Mode

In training mode, commands are transmitted from the remote (transmitter) to the receiver using buttons for vibration, static stimulation, or tone. These signals prompt responses from the dog, aiding in behavior training. This method is effective for teaching dogs various behaviors and commands.

5.2 Training Mode. Introduction

Tone 01: Indicates level 1 (non-adjustable)
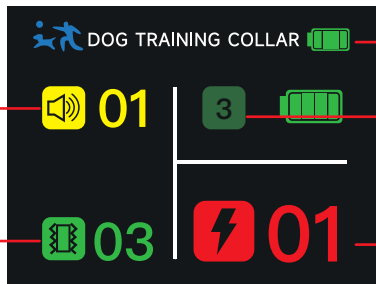
Displays the battery level of the transmitter.

Shows the battery level of the receiver in channel 3 and its reception of training commands, with three channels available for switching.

Static Stimulation: Indicates the static level, adjustable up to 16 levels

Vibration : Indicates the vibration level, adjustable up to 8 levels

The F900PLUS training mode has a transmission range of 330 yards.

5.3 Training Mode Operation

Activate training mode ⊕ by pressing the Training button

🔊 Tone: A single press emits a beep, while holding the button sustains the beep for 10 seconds. This setting is fixed and cannot be adjusted.

📳 Vibration: A single press initiates vibration; while holding the button 📳 extends the vibration for 10 seconds. Adjust the intensity across 8 levels using the +/- button.

⚡ Static Stimulation: Press once for a brief static stimulation; ⚡ holding down the button continues the static stimulation for up to 10 seconds. Adjust the intensity level through 16 settings using the +/- buttons.

III: Charging Instructions

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

2) The indicator light flashes red during charging and turns green when fully charged.

3) The transmitter takes approximately 6-7 hours to fully charge.

4) The receiver takes about 3-4 hours to fully charged.

5) Use a 5V2A plug and the provided charging cable for charging.

Charging

Fully Charged
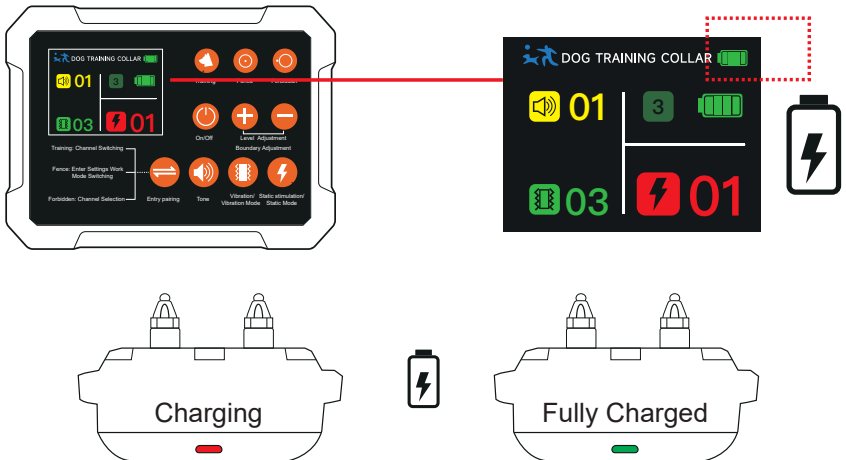
How to test the static stimulation function？
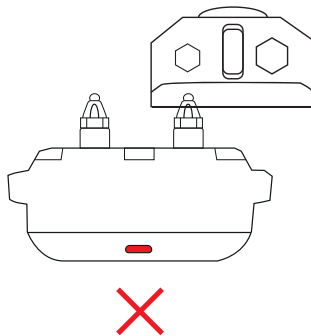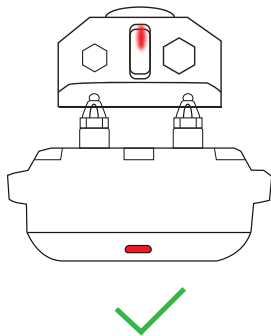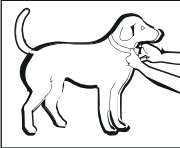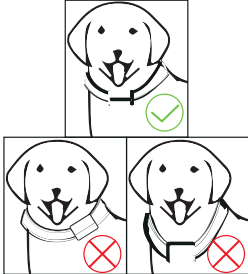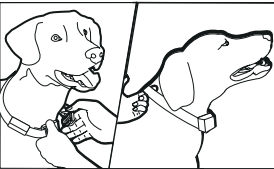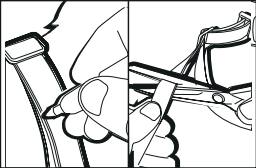
Training Mode: Attach the static test light and press the static button to test its functionality.
Fence and Forbidden Zone Modes: Attach the test light to the static post. If the light activates upon exiting the fence boundary or entering the forbidden area, the static feature works correctly.

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
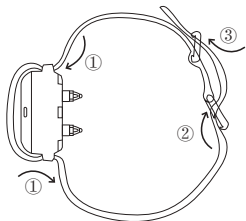
Step 1: Pass the belt through the receiver

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 very safe, with intensity similar to a mild static stimulation, posing no harm to pets. If you or your pet are sensitive to static stimulation, 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?	●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 typical obstacles that can interfere with the signal?	● 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 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 to use 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 we provide.
12. Is special training necessary for dogs to use the forbidden zone feature?	The forbidden zone mode operates on the dog's instinctual responses. When a dog approaches the forbidden zone, it triggers an alert, and typically, dogs will instinctively leave the area. Only minimal guidance is needed for this feature.

Question	Analyse/Suggestions
13.Can this product be used with other animals such as cats, cows, or sheep?	This product is specifically designed for dogs due to their intelligence and adaptability. It is not recommended for use with cats or other livestock, as their behaviors and reactions may differ significantly from those of dogs.
14.How do dogs react in fence and forbidden zone modes?	● In fence mode, the dog receives a warning if it crosses the boundary. If it doesn't return, the intensity of the warning increases, with a maximum of two rounds of six alerts each, pausing for a minute in between. The warning stops once the dog returns inside the boundary. ● In forbidden zone mode, entering the zone triggers a warning, working on the same principle as the fence mode.
15.What happens with the warning system when there is no signal?	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.

Question	Analyse/Suggestions
16. Why does the system sometimes not give a warning when the signal is fine, but the boundary is crossed?	• 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. • If the main unit is moved, the fence boundary will change accordingly, which might result in no warning being issued if the boundary is crossed.
17. How do you determine the battery levels of the transmitter and the collar?	The main unit 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.
18. 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.

Question	Analyse/Suggestions
19. What happens to the collar when transmitter 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.
20. 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.
21. 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, both the main unit and the collar can last for about 20 hours.
22. 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.

Question	Analyse/Suggestions
23.Is it possible to use multiple features at the same time?	Training, fence, and forbidden zone functions cannot be used simultaneously. Choose one feature based on your specific needs.
24.How waterproof is the product?	The collar receiver is waterproof, but the main control unit is not. Please keep the main unit away from water.
25.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

$C\epsilon$ 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.

FC 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.