

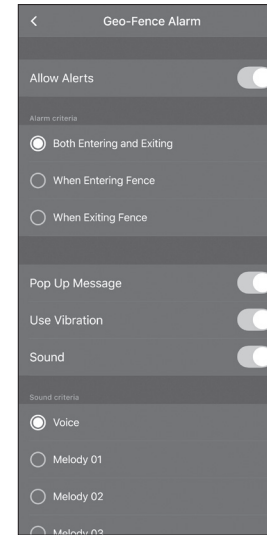
## 2) Geo-Fence (Notification Only)



- Create Geo-Fences for specific areas to get alerts on your device.
- Status: Indication of receiver in or out of the fence.
- Count: Number of times the receiver has crossed the fence.
- Set the Geo-Fence Alarm Setting by going to MENU → SETTING → GEO-FENCE.

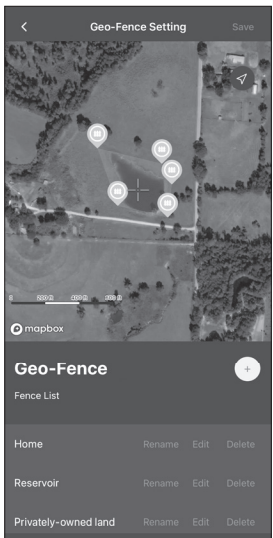
### Notes:

- The Geo-Fence gives a notification on the smartphone, but does not auto-correct the e-collar.
- The automatic e-collar correction will only work on the E-Fence.



## Geo-Fence Alarm Setting

- You can create an alarm for both exiting and entering the Geo-Fence.
- You can select different alarm types.



## Setting up a Geo-Fence

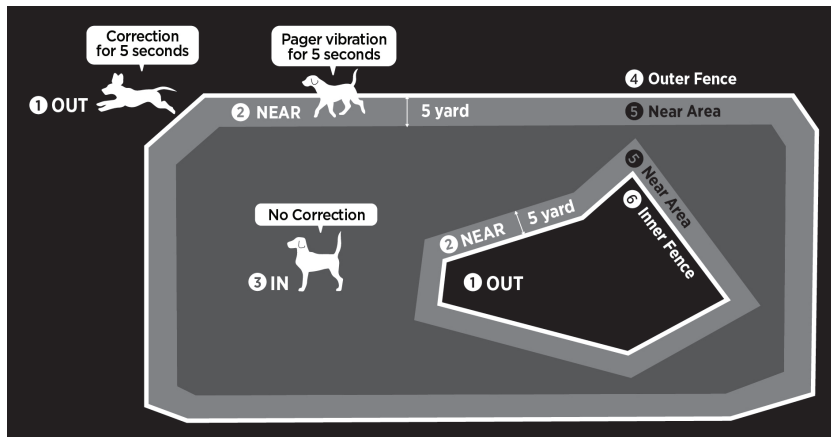
1. Press the + button.
  2. Move the map and place the + on the desired area.
  3. Click 'Drop Point' to create a point for the fence boundary.
  4. Press Undo to delete the last point.
  5. Click the save button on the top right.
- You can create up to 15 Drop Points and up to 15 Geo-Fences.
  - Edit and delete file names and fence locations in the Fence List.

## 3) E-Fence (Auto-Correction)

Set up the static E-Fence boundary to auto-correct your dog and get notifications on your phone. When using the E-Fence, keep in mind:

- This device is GPS operated and cannot be used indoors.
- Do not use this as a permanent fence solution as your dog can still cross the Outer Fence. Previous retriever training is needed to train your dog to come back over the Outer Fence.
- The receiver will not emit stimulation when bringing your dog back over the Outer Fence to the IN area.
- Make sure that Bluetooth is on to sync your receiver to the E-Fence boundary.
- Make sure that when the E-Fence boundary is updated, the receiver is synced again.
- A smartphone or GPS connection is not needed to operate, but the track information and application notification will not be received.

## About the E-Fence

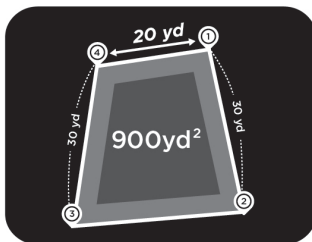


- 1 **OUT:** When moving out of the boundaries, the e-collar emits Constant correction for 5 seconds.
- 2 **NEAR:** The receiver emits a Pager vibration for 5 seconds when within 5 yards of the Outer Fence or Inner Fence.
- 3 **IN:** Safe area with no correction.
- 4 **Outer Fence:** One large fence on the outskirts.
- 5 **Near Area:** Automatically created within 5 yards of the Inner and Outer Fence.
- 6 **Inner Fence:** Up to 3 Inner Fences can be created in the Outer Fence.

### Notes:

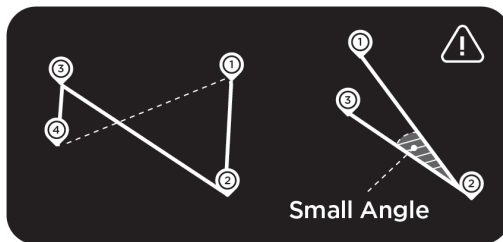
For the dog's safety, the stimulation will only last 5 seconds if the dog goes out of the boundaries. Make sure your dog comes back in the boundary after 5 seconds.

### Restrictions:



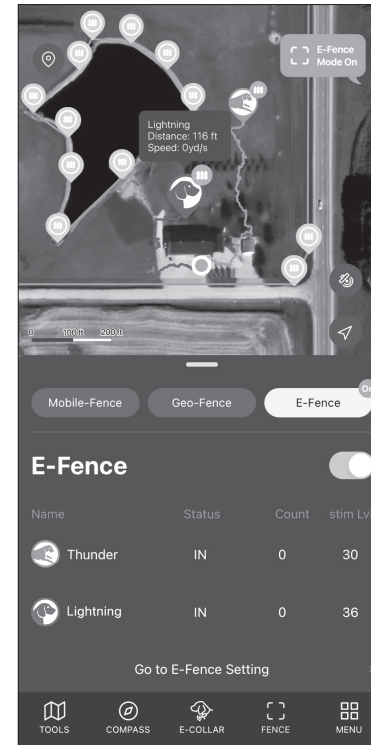
Boundary design requires following:

- Minimum 1000 yrd<sup>2</sup> area (If adding the Inner Fence, need minimum 2,000 yrd<sup>2</sup> area).
- Minimum distance of 20 yd between each Drop Point.



The fence boundary design cannot cross over.

The fence boundary design cannot have sharp pointed areas with small angles.



- ON/OFF: The E-Fence can be turned on/off by toggling the button. When turned on, the E-Fence Outer Fence shows up and a blue light on the receiver turns on.

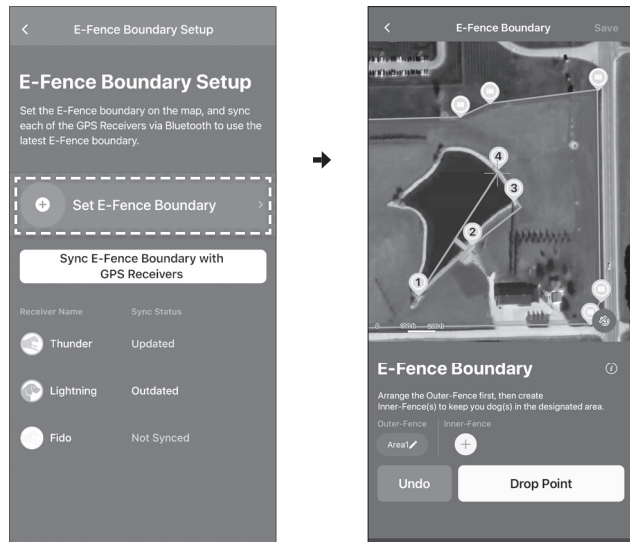


: E-Fence On Mark

- Status: Current receiver status of IN, NEAR, or OUT. 'Need to update' will show up if you need to update the latest E-Fence boundary information.
- Count: The number of times the receiver crossed the boundary.
- Stim Lvl: Displays the correction level when activated. If it is not activated, it will show OFF and you will need to go to E-Fence Settings to activate the stimulation setting.

### Notes:

When the E-Fence feature is turned on, the receiver synced with the latest E-Fence boundary will have a blue LED. If there is no blue LED, sync the receiver to the boundary by referring to "Syncing E-Fence Boundary to the Receiver" on page 28.



### Creating the E-Fence

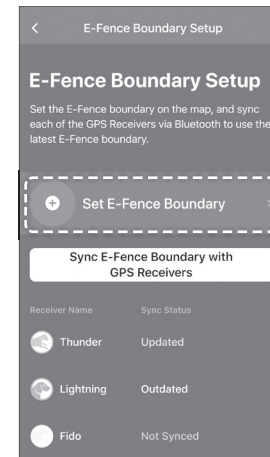
Click on Set E-Fence Boundary.

### Setting up Outer Fence

- 1) Press the **+** button for the Outer Fence.
- 2) Move the map and place the **+** on the desired area.
- 3) Click 'Drop Point' to create a point for the fence boundary.
- 4) Repeat the process above to complete the boundary. Create the fence so it goes in one direction.
- 5) Click the save button on the top right. Only one can be saved.

### Setting up Inner Fence

- 1) The Outer Fence must be created first to create the Inner Fence.
  - 2) Press the **+** button for the Inner-Fence.
  - 3) Drag the area of the map you want to create the fence to the center with the **+**.
  - 4) Click 'Drop Point' to create a point for the fence boundary.
  - 5) Repeat the process above to complete the boundary. Create the fence so it goes in one direction.
  - 6) Click the save button on the top right. Three can be saved.
- You can create 1 Outer-Fence and 3 Inner-Fences. All fences can use up to 15 points.



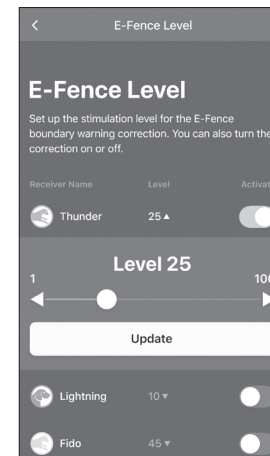
### Syncing E-Fence Boundary to the Receiver

In order to operate the E-Fence, the receiver must be synced.

- 1) Turn the receiver on near the smartphone.
- 2) Press the Sync E-Fence Boundary button.
- 3) Look at the list to make sure the receiver is synced.

#### Notes:

- After changing the E-Fence boundary, you must sync it again.
- Each receiver must be synced individually in order for the E-Fence to operate.

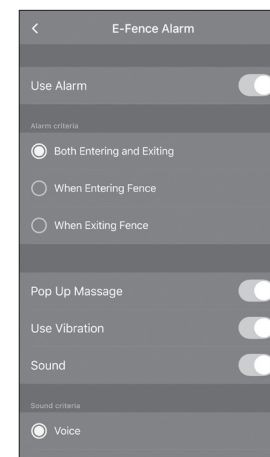


### Applying Stimulation on the Receiver

- 1) Press the **▼** button for the receiver on the menu.
- 2) Set the stimulation level.
- 3) Press update.

#### Notes:

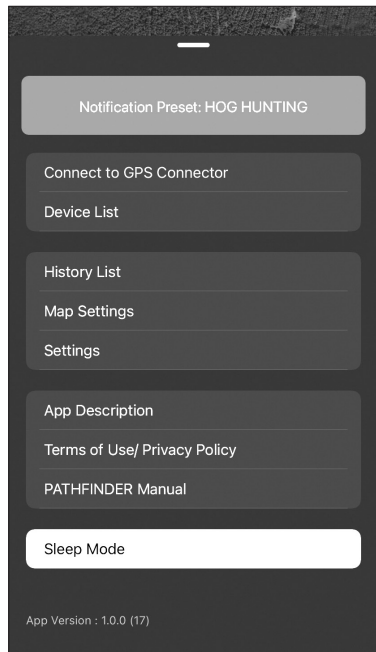
Go to E-Fence Settings to press the Activate button to turn the E-Fence operation on or off for each receiver.



### E-Fence Alarm Setting

- Set the E-Fence Alarm Setting by going to MENU → SETTING → E-FENCE.
- You can create an alarm for both exiting and entering the E-Fence.
- You can select different alarm types.

## 4-6. MENU



### App Description:

Describes basic contents.

1. Initial setup describes GPS connector and receiver pairing.
2. Main function will describe each tab.

### Terms of Use/Privacy Policy:

Check Terms of Use and Privacy Policy before use.

### Manual:

Quickly browse the manual.

### Sleep Mode:

Puts the receiver to sleep to preserve battery life. In sleep mode, the GPS signal for the receiver is turned off and will reset when turned back on.

### Bluetooth Connection:

View the smartphone and GPS connector Bluetooth connection. If the devices are not paired, turn both the GPS connector and smartphone's Bluetooth off and then back on.

### Device List:

Find detailed device information and set individual settings.

### History List:

Play recorded history files. Convert files to GFX and KML files to share.

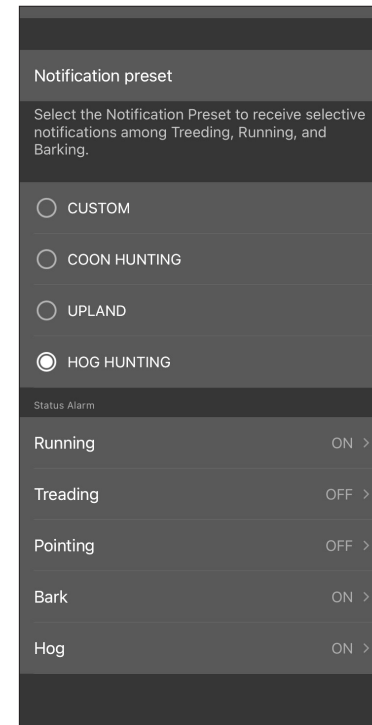
### Map Settings:

Manage Offline Maps and select the size and information of the marker.

### Settings:

Manage settings for different map features.

## 4-7. ACTIVITY MODE



Activity mode: select the hunting type for your activity mode to change the settings to receive device status notifications.

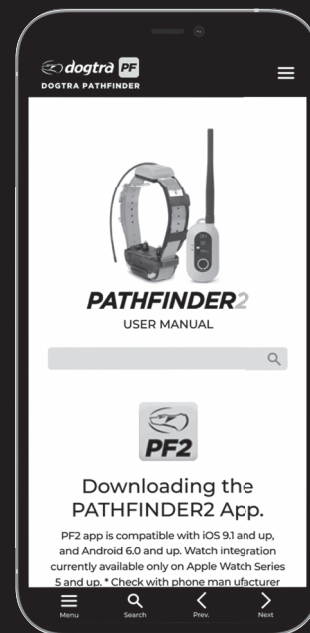
Select the Activity Mode for Small Game, Upland, Hog Hunting, or Custom. The status alarm settings for Running, Treeing, Pointing, Bark, and Hog will change for each mode selected. You can select the alarm you want in Custom Mode.

#### 4-8. DEVICE ALERTS

- Select the device's alarms based on your specific needs.
- You can set each device's alarms by going to: Menu → Device List → Select Device → Alarm Setting.
- Refer to the table below for possible settings.

| Category             | Type of Alarm                                                   | Setting Up Alarm                                   |
|----------------------|-----------------------------------------------------------------|----------------------------------------------------|
| Dog Status           | Running, Treeing, Barking, Pointing, Hog Barking.               | Menu → Setting → Activity Mode                     |
| Mobile-Fence         | Exiting fence, entering fence, or both.                         | Menu → Setting → Mobile-Fence → Mobile-Fence Alarm |
| Geo-Fence            | Exiting fence, entering fence, or both.                         | Menu → Setting → Geo-Fence → Geo-Fence Alarm       |
| E-Fence              | Exiting fence, entering fence, or both.                         | Menu → Setting → E-Fence → E-Fence Alarm           |
| E-Collar             | Using e-collar commands.                                        | Automatic                                          |
| Battery Life         | 20%, 15%, 10%, 5%                                               | Automatic                                          |
| Device Connection    | RF connection with the receiver and if the receiver is working. | Automatic                                          |
| Bluetooth Connection | Connect or disconnect status.                                   | Automatic                                          |

## OTHER FEATURES & DETAILS



**Use the QR code to check out the full version of the PATHFINDER2 manual and more. Go to [www.DogtraPATHFINDER.com](http://www.DogtraPATHFINDER.com) to see all the app features, such as:**

- History Record, File, Detail
- Device List Options
- Device List Sharing & Receiving
- Map Management
- App Settings

\*PATHFINDER2 app and screenshot images are subject to change as Dogtra continues to update the software

## DEVICE INFORMATION

### 1. RECEIVER FITTING

#### Proper Fit

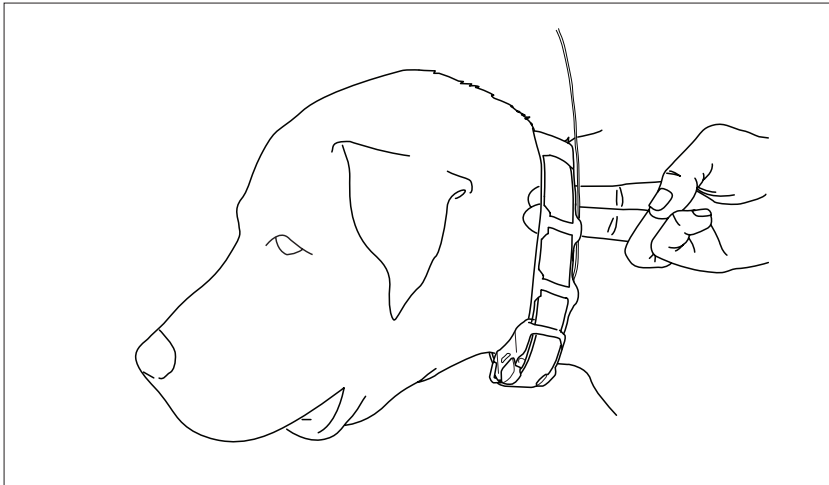
Fit the receiver on either side of the dog's windpipe so that the contact points press firmly against the dog's skin. You should be able to fit two fingers underneath the collar strap.

#### Improper Fit

A loose fit can allow the receiver to move around on the dog's neck and cause irritation. If the receiver is too loose, the contact will be inconsistent and cause inconsistent correction.

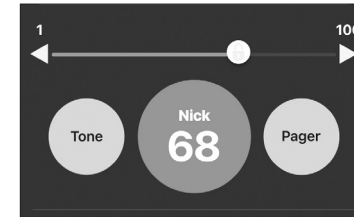
#### Attention!

While Dogtra uses medical grade stainless steel contact points and anti-microbial plastic to protect the dog's skin, leaving the receiver in the same location for an extended period of time can cause skin irritation due to the sensitivity from the contact points. Reposition the receiver every few hours to move the contact points and remove the receiver after 8 hours of use. Check for skin irritation each time you use the unit.



### 2. FINDING THE RIGHT STIMULATION

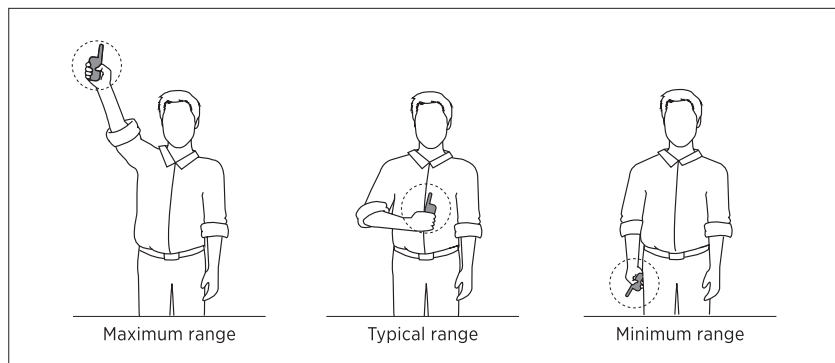
- Open the PATHFINDER2 app to the E-Collar tab and select your dog and stimulation level.
- The stimulation levels are from 1 (lowest) to 100 (highest).
- Always start at the lowest level of stimulation and work your way up.
- The appropriate level can be found when your dog responds to the stimulation with a mild reaction, such as a tensing of the neck muscles.



**Note:** Every dog has a different tolerance and reaction to the stimulation. Please look at your dog's reaction to find the right level of stimulation. The stimulation level may vary depending on the situation and distractions. A distracted dog will require a higher level of stimulation compared to when there is no distraction.

### 3. MAXIMIZING THE DISTANCE

- The PATHFINDER2 has a 4-mile line of sight range.
- To get the greatest range, hold the GPS connector away from your body and avoid touching the antenna.
- Keep your unit properly charged for maximum signal strength.
- The GPS connector device must be near your phone for proper operation, preferably less than 33 feet.

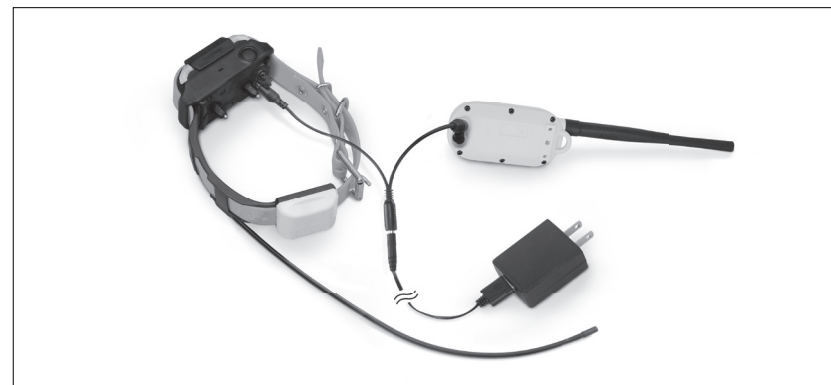


#### Caution!

Operating the PATHFINDER2 near tall buildings and other steel structures will reduce the range of the GPS signal. Not acquiring a GPS signal for prolonged periods of time while outside may indicate issues with the unit.

## PRODUCT MAINTENANCE

### 1. CHARGING THE PATHFINDER2 MINI



Fully charge the PATHFINDER2 MINI GPS connector and receiver before the first use. The PATHFINDER2 MINI uses lithium polymer batteries.

- Only use official Dogtra chargers with the PATHFINDER2 Series.
- Do not charge the PATHFINDER2 Series near flammable substances.
- Fully charge the PATHFINDER2 Series if storing for 1 month or longer.

#### When to Charge

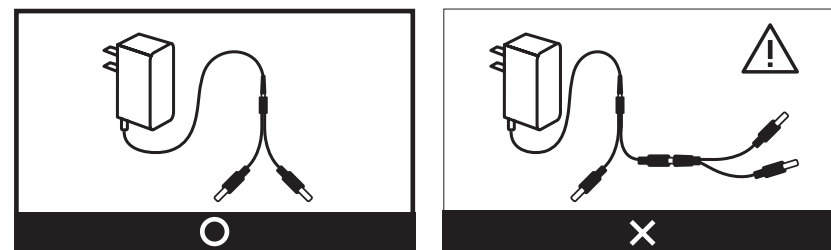
- When the LED is red on the GPS connector or receiver.
- When the app displays low battery for the GPS connector or GPS receiver.
- When the LED on the transmitter or receiver will not come on.

#### How to Charge

1. Connect the charger to the GPS connector and receiver using the splitter cable.
2. Plug the charger into a 120-volt outlet.
3. When fully charged, detach the cables and plug the rubber caps over the charging ports on the GPS connector and receiver.
4. The LED will display red while charging and green when the unit is fully charged. A depleted battery requires 3.5 hours to fully charge.

#### Splitter Cable

Do not use more than one splitter cable with a single battery charger.



## 2. CHANGING THE CONTACT POINT LENGTH

The Dogtra PATHFINDER2 Series comes with 5/8" contact points that can be extended to 3/4" for dogs with longer coats.

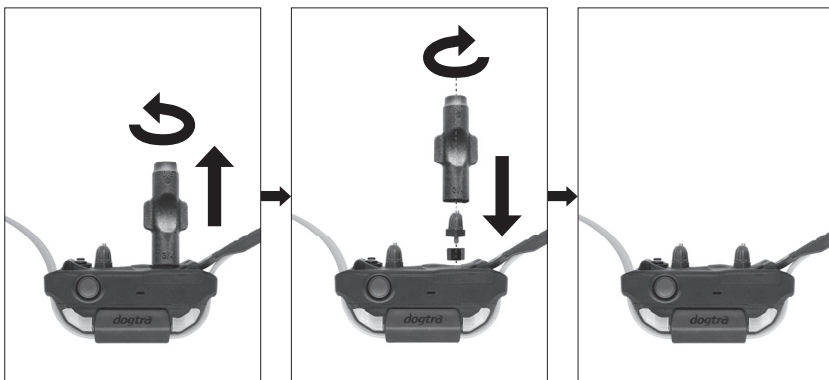
To increase the length:

- 1) Use the included adjustment tool side marked 5/8" to unscrew the contact points counter-clockwise.
- 2) Place the extension over the exposed threads, flat side down.
- 3) Place the contact points over the extensions and tighten clockwise using the adjustment tool side marked 3/4".

### Caution!

Tighten until firmly in place. Be careful not to over tighten.

To shorten the length back to 5/8", use the adjustment tool marked 3/4" to remove the extensions and then tighten the contact points clockwise using the side marked 5/8".



## 3. USING THE TEST LIGHT



- 1) Turn on the receiver and place the test light over the contact points.
- 2) Press the Nick button in the PATHFINDER2 app and the test light will light up momentarily.
- 3) Press the Constant button in the PATHFINDER2 app and the test light will light up as long as the button is pressed, for up to 12 seconds.
- 4) The test light will glow brighter at higher levels of stimulation and dimmer with lower levels.

**Note:** The test light may not be visible if the intensity level is set below level ten.

## BASIC MAINTENANCE

- Make sure the rubber charging cap is securely in place on the GPS connector or receiver when in use.
- Carefully inspect the unit for any missing parts or damage to the casing after use. Damaged or broken casing may affect the waterproof guarantee on the unit.
- The antenna must be securely in place for maximum range.
- Charge the unit for 3.5 hours before storing for extended periods.
- Charge the unit fully once a month while in storage or before use.
- Do not keep the unit exposed to extreme climates.
- Dogtra may include updates and improvements to the PATHFINDER2 app which can be downloaded through the App Store and Google Play.

## TROUBLESHOOTING GUIDE

### **1. The dog does not respond to the stimulation.**

- Make sure the system is on and the strap is tight enough so that both contact points are touching your dog's skin.
- If the contact points are too short, you can either purchase longer contact points or trim the hair near your dog's neck.
- Increase the level until your dog responds with a subtle head or neck movement.

### **2. The LED indicator light comes on, but I do not feel any stimulation.**

- Testing the system at various levels using the test light is the best way to test your system. Your tolerance may be higher than the level you are testing on yourself.
- The battery may be low. Check the LED indicator lights or the app for battery life.

### **3. The PATHFINDER2 has no range or the stimulation is weaker when my dog is farther away.**

- Keep objects away from touching the GPS connector's antenna as the range may decrease substantially.
- The range indicated is for line-of-sight flat terrain. Heavy brush, trees, hills, buildings, and/or moisture will affect the range of your unit. For the best range, hold the GPS connector vertically above your head, and/or try moving to higher ground.
- Any electrical conductors will affect the range, such as cars, chain-link dog runs, metal structures, and radio towers. For the best results, operate away from these structures.

### **4. The GPS connector or receiver is not holding a charge.**

- The charging pin may be damaged. A metal pin inside the charging port should stand straight up and firm in the center. If the pin is wobbly, broken or missing, you will need to send the unit in for repair.
- The charging port must be clean prior to charging, clean out any dirt with a cotton swab and some rubbing alcohol. If your dog was in salt-water, be sure to rinse the GPS receiver and charging port with clean water.
- For Dogtra units over two years old from the purchase date, the batteries may need to be replaced. You can replace them yourself by contacting Dogtra for a replacement battery. Damages incurred to the unit due to improper battery installations are not covered under the warranty. Dogtra strongly recommends sending the unit in for inspection and repair.

### **5. My dog has skin irritation.**

- This may be due to an improper fit or from wearing the receiver too long. If your dog exhibits signs of skin irritation, consult with a veterinarian. Once your dog's skin returns to a normal condition, continue to use the receiver and check your dog's neck each time you use the unit.

## FCC WARNING FOR PT20U/PM20U

The PATHFINDER2 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.

This is a sensitive radio device. Any unauthorized changes or modifications to this device that are not expressly approved by Dogtra will void the warranty and may void the user's authority to operate the equipment. Please do not tamper or modify the unit. Operation of MURS devices is not permitted on aircraft.

### Radio frequency Radiation Exposure for PT20U

Federal Communication Commission (FCC) Radiation Exposure Statement  
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment has been SAR-evaluated for use in hand. SAR measurements are based on a 5mm spacing from the body and that compliance is achieved at that distance.

### Radio frequency Radiation Exposure for PM20U

To comply with FCC RF exposure compliance requirements, a separation distance of at least 24cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operation in conjunction with any other antenna or transmitter.

Any changes or modifications (including the antenna) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

## DOGTRA EXTENDED PRODUCT WARRANTY

### EXTENDED LIMITED WARRANTY

**For Certain Dogtra Products Purchased from Dogtra Authorized Dealers**

#### 1+1 Year Extended Warranty

Except as otherwise provided, Dogtra warrants to the original retail purchaser ("You") that your Dogtra product shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase ("Original Warranty"). As a special promotion, Dogtra further warrants that your Dogtra product shall be free of defects in materials and workmanship for an additional one (1) year from the date that your original warranty expires ("Extended Warranty"). The Original and Extended Warranties cover the cost of repair (parts and labor) or replacement (if repair is not feasible) of a defective Dogtra product during said warranty periods. For such repaired or replaced products, the remaining portion of the warranty periods, or ninety (90) days, whichever is longer, shall apply. Dogtra, at its sole discretion, shall determine whether to repair or replace a product covered by the Original Warranty or Extended Warranty.

#### Warranty Conditions

The Original and Extended Warranties are not transferrable and apply to your Dogtra product only if:

- (1) You are the original retail purchaser of the product,
- (2) You bought the product from a Dogtra Authorized Dealer, and
- (3) You present a receipt or other proof of purchase showing a valid purchase date, the name and address of the Dogtra Authorized Dealer, and the purchased product identified by model and/or serial number.

#### Warranty Exclusions

The Original and Extended Warranties do not cover damage, loss, or deterioration to your Dogtra product caused: by misuse, neglect, abuse, or other improper handling of the product; by failure to follow use or care instructions; by use of the product for other than its intended purpose; by accident or natural forces such as fire or flooding; or by normal wear and tear such as scratches to the product surface.

The Original and Extended Warranties also do not cover Dogtra products that: are purchased from non-authorized dealers; are purchased outside of the United States or Canada; have been damaged during shipment (even if Dogtra paid or arranged for shipping); have been modified or tampered with in any manner; are opened or repaired by anyone other than Dogtra; or have serial numbers that have been altered or defaced.



It has been tested and found to comply with RCM standards.

### **Sole Warranties**

The Original and Extended Warranties are the only warranties offered by Dogtra for your Dogtra product during said warranty periods. Other than the Original and Extended Warranties, Dogtra makes no other representations or warranties whatsoever regarding its products, whether oral or in any product manual, on any packaging, on any website, or in any other written material. No dealer of Dogtra products, nor any employee or agent of Dogtra, is authorized to make any additions, changes, or extensions to the Original Warranty or Extended Warranty. Dogtra, at its sole discretion and at any time, reserves the right to modify the Original and/or Extended Warranties.

### **DISCLAIMER OF OTHER WARRANTIES**

**THE FOREGOING ORIGINAL AND EXTENDED WARRANTIES ARE PROVIDED IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED. DOGTRA DISCLAIMS ANY IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

### **Limitation of Remedies**

Dogtra's liability is limited to the cost of repair or replacement of the Dogtra product under the Original Warranty or Extended Warranty. Any claim or action to enforce the Original and/or Extended Warranties must be commenced within thirty (30) days of such warranty's expiration for your product. Dogtra will not be liable for any indirect, incidental, special, consequential, or similar damages based on breach of warranty, breach of contract, negligence, strict tort, or any other legal theory related to Dogtra and its products. Damages that Dogtra will not be responsible for include, but are not limited to: loss of income or profits; loss of revenue or savings; loss of use of the product or associated products; cost of any substitute products or services; inconvenience, downtime, or any other time; loss of goodwill; claims of third parties including customers; and damage to property.

### **Legal Rights May Vary By State or Jurisdiction**

The Original and Extended Warranties give You specific legal rights, and You may also have other rights which vary by state or jurisdiction. Some states or jurisdictions do not allow certain limitations of implied warranties or of incidental or consequential damages or other remedies, so certain of the foregoing limitations may not apply to You.

If any portion of the Original Warranty or Extended Warranty is held by a court to be invalid or unenforceable, the remaining portions of such warranties shall remain in full force and effect and shall in no way be affected or invalidated, and the invalid or unenforceable portion shall be modified so as to most nearly achieve the intent of the Original Warranty or Extended Warranty.

### **Product Registration**

Dogtra recommends that customers register their products as soon as possible after purchase. Product registration will facilitate any future warranty service. You may also receive useful information and updates about your existing and future Dogtra products. To register your product, visit [\*\*www.dogtra.com/product-registration\*\*](http://www.dogtra.com/product-registration). If your product is not registered with Dogtra, You will be required to provide a receipt or other proof purchase (as provided above) to qualify for warranty service.

### **How to Obtain Warranty Service**

Should your Dogtra product require warranty service, please contact Customer Service by phone or email for a warranty evaluation (see below for contact information). Upon approval of your warranty work, Dogtra will repair or replace (at Dogtra's election) your product without charge for labor or parts. You are responsible for shipping, including cost, of your product to Dogtra for warranty service. Dogtra will handle shipping, including cost, of the repaired or replaced product back to customers in the USA. Dogtra will not be responsible for shipping, including cost and/or applicable taxes or fees, for products sent outside the USA. Such costs, taxes, or fees will be borne by the customer.

### **Dogtra Customer Service**

**12322 Monarch Street, Garden Grove, CA 92841**

(888) 811-9111

[repair@dogtra.com](mailto:repair@dogtra.com)

Mon – Fri, 8:00 AM to 4:30 PM (PST)

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