Havahart® wireless

Custom-Shape wireless dog fence

Instruction Manual

PRIOR TO INSTALLATION

Fully Charge the System Controller and Batteries for 3 hours.

AVERAGE SYSTEM SETUP TIME IS 2 HOURS.

Model 5144G
Rev 11-11

Congratulations and thank you for choosing the Custom-Shape Wireless Dog Fence from Havahart® Wireless — the leading innovator of digital wireless fence solutions.

Featuring breakthrough, patented, wireless technology, the Custom-Shape Wireless Dog Fence is designed to maximize the freedom and safety of your dog, with minimal effort, investment and impact on your property. It is the industry's most-advanced, wireless dog containment system.

The Custom-Shape Wireless Dog Fence gives you all the advantages of a professionally-installed, underground wire fence system without all the hassles and costs. Our revolutionary technology allows you to shape the wireless fence to the specific configuration of your yard — maximizing the space for your dog to roam. It also allows you to add Custom Exclusion Zones thereby keeping your dog out of your garden or swimming pool. There are no wires to bury or break, no back pains from digging, and no wasted money on trenching — just a fast & easy setup that creates freedom for your dog to roam!

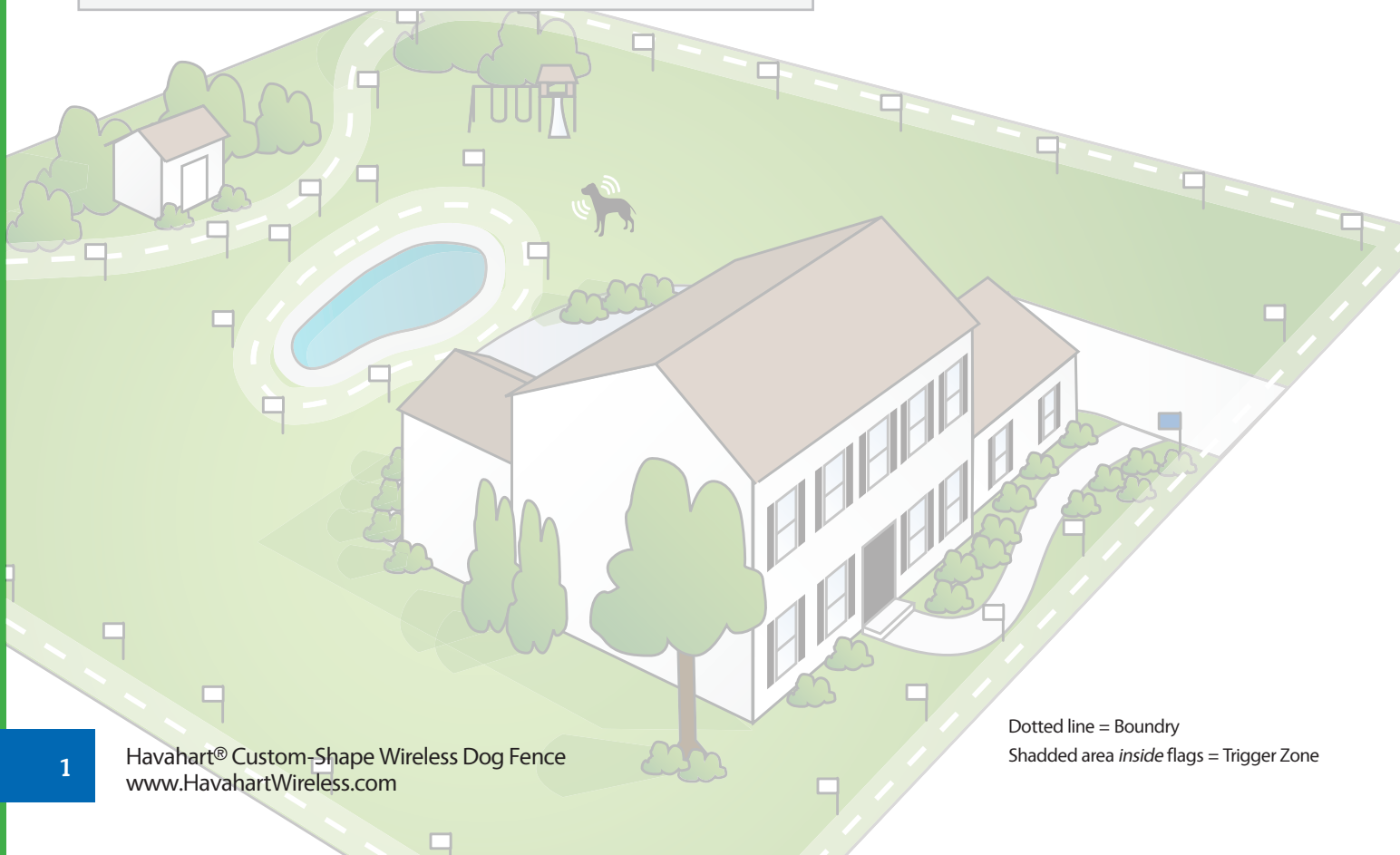
NOTE: To ensure your complete satisfaction and your dog's safety, please read and follow all of these instructions carefully. Should you need assistance, our Consumer Care Specialists are ready to help. **Call 1-800-800-1819, and press "453".**

Register Your Havahart® Wireless Fence at www.HavahartWireless.com/customerservice/product-registration **to ACTIVATE YOUR WARRANTY.**

Thank you for purchasing the Custom-Shape Wireless Dog Fence from Havahart® Wireless!

IMPORTANT MESSAGE

Proper training of your dog is the most critical element in ensuring the success of your wireless dog fence. Consult the training section of this manual once you have set up your wireless dog fence.



Dotted line = Boundry
Shadded area *inside* flags = Trigger Zone

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Important Safety Reminders

To ensure the safe and effective operation of your Custom-Shape Wireless Dog Fence, **please read and follow all safety guidelines and instructions:**

- The Custom-Shape Wireless Dog Fence is designed for **dogs older than 6 months that weigh more than 8 pounds.**
- It is necessary to **fully charge the system Controller and Batteries for 3 hours PRIOR TO INSTALLATION.**
- All **Bases** must be installed indoors and should not be exposed to moisture.
- Each **Base** must be plugged into a properly grounded 120V AC outlet.
- Changes or modifications to any system component may cause permanent system damage and will void manufacturer warranties.
- To help prevent skin irritation and increase battery life, **do not leave the Collar on your dog for more than 12 consecutive hours.**
- Always remove the Collar from your dog before adjusting any of the system components or settings.
- The system is intended to provide safe containment of your dog. **All components should be kept out of the reach of children.**
- Follow your established leash laws. There may be cases where this system will be prohibited by law.
- **Proper training of your dog is the most critical element in ensuring the safe and successful operation of your wireless dog fence.**

DO NOT RETURN THIS PRODUCT TO THE STORE FOR ANY REASON

CONTACT HAVAHART® WIRELESS DIRECTLY!
CALL 1-800-800-1819, Option 453.

System Components

Ensure that the following components are included with your system. If a component is missing, please call 1-800-800-1819, Option 453.

Model 5144G

- **A** Controller
- **B** USB Cable
- **C** USB AC Adapter
- **D** Master Base
- **E** 3 Bases
- **F** 4 AC Adapter Power Cords For Bases
- **G** Removable Wall-Mount Adhesive Strips
- **H** 4 Screws and 4 Wall Anchors
- **I** Collar
- **J** 2 Rechargeable Batteries For Collar
- **K** Battery Charger
- **L** Extra Set Of Collar Probes For Short-Haired Dogs
- **M** Heart-Shaped Collar Tester
- **N** 25 Blue Boundry Flags / 74 White Training Flags

Instructional DVD

Quick Setup Guide

Troubleshooting Guide

Other Items You May Need:

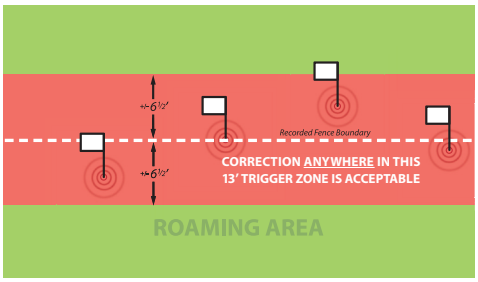
- Scissors
- Tape Measure
- Screw Driver
- Permanent Marker
- Isopropyl Rubbing Alcohol
- Soft Cloth

Additional Accessories Available For Purchase:

- Extra Collar - 5144GX
- 25 Flag Pack - HW25FLAGPACK
- Heart-Shaped Collar Tester - HWHEARTSCT
- 2 Base Antennas - HW2ANT
- 2 Pack of Batteries - HW2REBATPACK
- Battery Charger - HWBATRECHARG
- Collar Battery Cap - HWCBATCAP
- 2 Long Probes - HW2LPROBES
- 2 Short Probes - HW2SPROBES
- AC Adapter - HWACCORD

Key Definitions, Technology & How it Works

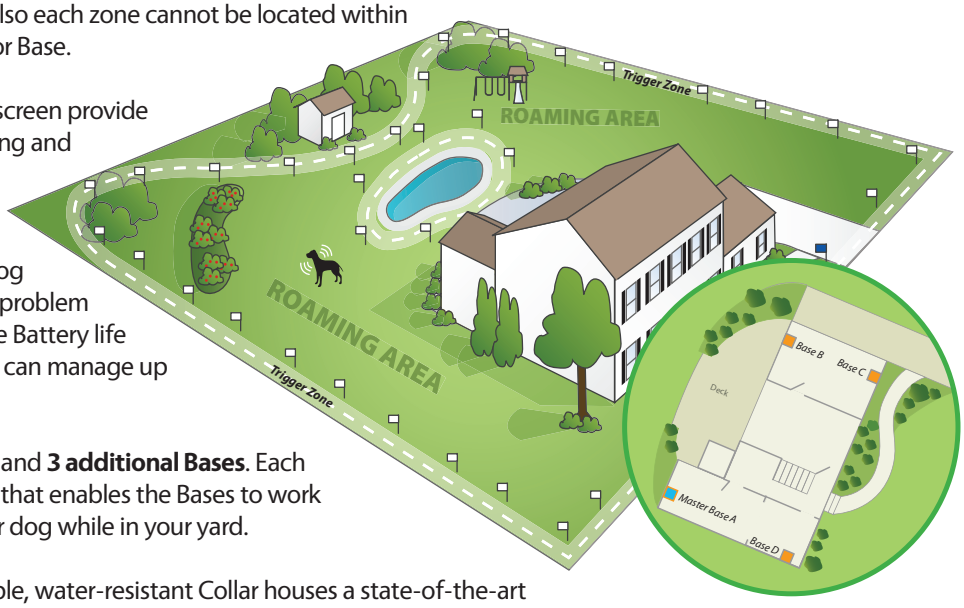
Key Definitions:



Roaming Area: Area inside the Trigger Zone where your dog is free to roam and play. Capable of forming a Custom-Shape of up to 500 feet in any direction.

Trigger Zone: The zone, **which may be 6 to 13 feet wide,** is located at the edge of the Roaming Area. The Collar will correct at a point within this Zone. These points string together to form your Fence Boundary. Correction is triggered by your dog crossing into the Trigger Zone which can be set to Tone Only (auditory alarm) or static correction. The speed of your dog as he crosses the Trigger Zone will influence where the correction is delivered inside the Trigger Zone.

Exclusion Zone: This is a targeted area where you wish to restrict your dog's access, such as a large flowerbed, pool or patio. It must be at least 12 feet by 12 feet wide. Also each zone cannot be located within 20 feet of another zone, Fence Boundary or Base.



Controller: Auditory alerts and the touch screen provide intuitive navigation for setting up, activating and managing your fence with ease. The Controller houses a state-of-the-art transceiver that enables communication with the system. It will notify you if your dog breaches the Fence Boundary, if there is a problem with any of the fence components or if the Battery life of the Collar is running low. The Controller can manage up to 2 Collars.

Bases: The system features a **Master Base** and **3 additional Bases**. Each Base houses a state-of-the-art transceiver that enables the Bases to work together to determine the location of your dog while in your yard.

Havahart® Wireless Collar: The comfortable, water-resistant Collar houses a state-of-the-art radio transceiver with advanced antenna assembly, a rechargeable RCR123 battery, and two correction Probes. The Collar communicates continuously with the Bases to track the real-time location of your dog. The Collar can be programmed to Tone Only (auditory correction) or one of 5 different static correction levels. The default correction level is Tone Only. The Havahart® Wireless Collar features exclusive Integrated Motion Sensor Technology, which allows the Collar to go to sleep when it is not in motion to conserve and optimize Battery life.

Wireless Fence Tracker: The tracker is a web-based tool that allows you to see the location and shape of your wireless fence. It also allows you to track your dog's movement through the roaming area. The tracker can also serve as a troubleshooting tool aiding in the installation and testing of your fence boundary.

The Technology Behind the System:

The Custom-Shape Wireless Dog Fence is driven by nanoLOC TRX 2.4 GHz transceivers that have been enhanced with complex algorithms, strategic distortion filtering and modular signal amplification to deliver advanced time-of-flight-ranging technology and precision event-stamp mapping. Time-of-flight is the time it takes for a signal to travel from a Base to the Collar and back at the speed of light. By continually ranging or communicating to the Collar to determine the time-of-flight, each Base is able to track the real-time distance to your dog. When radio signals are sent from the antennas of the Bases, they propagate in a spherical manner. At least 3 Bases providing 1 common point of intersection between 3 of their spherical radio signals are needed to accurately pinpoint the real-time location of the Controller or the Collar. Because each of the Bases is at the same relative height throughout the home, the intersection of the 3 spherical signals is known as trilateration. As the Controller moves along the flag line, the Master Base records each trilaterated point of your wireless fence, thereby memorizing the location of the entire fence. This process of memorization is known as event stamp mapping. It is also used to record the location of Exclusion Zones. These enhancements comprise the core of the patented elements that provide an unparalleled level of technical sophistication in the wireless dog fencing industry.

How it Works:

The Custom-Shape Havahart® Wireless System has the following key components: a Wireless Collar, a Controller and 4 Bases. Each component contains an advanced transceiver that enables constant communication with each of the other components.

The Controller is used to add each Base to the System. This allows the Bases to begin communication with each other and establish their positions relative to one another. The Bases track the position of the Controller wherever it goes. This allows you to create virtually any shape of wireless fence. With the Controller in hand, you walk around your property to record your Fence Boundary. The Bases will track the Controller again if you record Exclusion Zones.

After a Collar had been added to the system and fitted to your dog, the Bases will track the real-time location of your dog as it moves around in the Roaming Area. If your dog reaches the Fence Boundary or an Exclusion, the System will send a command to the Collar to take action and correct (tone or static - based on user settings). The correction is not constant. It is a repetitive pulse. The Collar will correct your dog until one of the following two conditions is met:

1. Your dog returns back into the Roaming Area. The system then returns to normal operating mode.

2. The Collar's safety time-out feature stops the correction cycle after 30 seconds. After the correction cycle times out, **your dog will NOT be corrected for returning to the Roaming Area.** The Collar will revert to normal operating mode only when your dog is back inside the Roaming Area. After that, the Controller will not send another correction command until your dog moves back to the Fence Boundary or an Exclusion Zone.

This first-of-its-kind, cutting-edge Custom-Shape Wireless Dog Fence gives you the advantage of allowing your dog to go to the edge of your property while keeping him safe and out of designated areas.

Getting Started

QUICK CHECKLIST

Before you begin the installation process, be sure to check the following:

- Make sure that you have all system components ready and available.
- Charge the Controller and both Rechargeable Batteries for up to 3 hours prior to use.

IMPORTANT MESSAGE

Make sure your house is inside the enclosed boundary or your dog will get corrected inside your home.

Your Fence Boundary / Trigger Zone should be NO closer than **20 feet** to ANY ROAD, SIDEWALK OR THOROUGHFARE FOR YOUR DOG'S SAFETY.

Planning Your Wireless Fence Boundary & Exclusion Zones:

Because the Custom-Shape Wireless Dog Fence is so flexible, there are an infinite number of installation layout options you can design. Prior to installation, it is important to map out how you envision the layout of your wireless fence to ensure it suits the custom shape of your yard while providing your dog optimum freedom and safety.

The following are sample layouts, which you may consider implementing on your property:

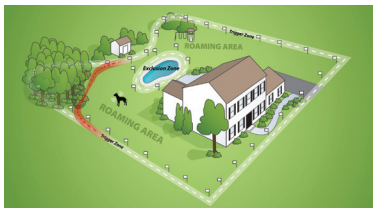
Back Yard Coverage

Entire Yard Coverage

NOTE: The Fence Boundary or Exclusion Zone **cannot** be within 20 feet of a Base or the Collar may deliver corrections near the Base inside the home.

Factors Affecting Signal Strength

With perfect line of sight and no obstructions between the Controller and Bases, **the system will create a Trigger Zone about 6 feet wide. With obstructions, the Trigger Zone can expand to around 13 feet wide. However, once set, your Fence Boundary/ Trigger Zone will remain consistent.**



Various objects such as mirrors, microwaves, electric power meters or air conditioning units can interfere with the signal strength of your Wireless Fence. This can result in a gradual loss in the measured distance of the radio signal from the Bases to a set Trigger Zone. The part of the Trigger Zone that is obstructed by an object may dip inward toward the Base or create a criss-cross. The resulting shape of the Trigger Zone may be slightly different and the Roaming Area may be slightly reduced. When this happens, the object between the Bases and the set Trigger Zone is said to attenuate the radio signal or the Trigger Zone.

Obstacles that can slightly obstruct any wireless signal (including mobile phones) include: mirrors, microwaves, home appliances, electric power meters, air conditioning units, metal screened porches, metal downspouts, trees, large bushes, above-ground pools, sheds and sloping hills.

Objects that will cause considerable obstruction are concrete walls, aluminum siding, metal roofs, densely wooded lots and heavily landscaped properties.

The closer an obstructing object is to the Trigger Zone or the closer a metallic object such as a mirror is to one of the Bases, the greater the interfering effect it can have on the Trigger Zone. Likewise, the more dense an obstructing object is, the more severe the dip or shaping effect of the Trigger Zone.

Without performing complex calculations and accounting for all factors, it is very difficult to predict the exact amount of interference different objects can cause and how the Trigger Zone and Roaming Area will be affected.

Despite all of the measures Havahart Wireless has taken to boost the signal strength of the Bases, attenuation is difficult to totally prevent for any wireless fence system. Similar to the way buildings attenuate cell phone reception, your home will likely attenuate your dog's Roaming Area. In most cases the resulting dipping should be a minor issue that may not even be noticed.

In the event that your system experiences severe interference or attenuation with which you are not comfortable, there are a few things that you can try to counter or lessen the effects:

- Place the Bases above or at least 3 feet away from appliances and other large metal objects like mirrors inside the home. Also make sure there are no obstructing objects, such as an electric power meter, near or immediately outside the wall where your Bases are placed. The less material or objects the Bases' signals have to go through to reach the outside, the better.
- Raise the Bases to 6-8 ft or to a higher floor in the home.
- If possible, place Bases on windows to provide a clearer path
- If the first two methods prove ineffective, choosing different Base locations in the home may be necessary.

Should you need additional help to minimize wireless signal interference for your Havahart® Wireless Dog Fence, please call 1-800-800-1819, Option 453.

Installing the Custom-Shape Wireless Dog Fence

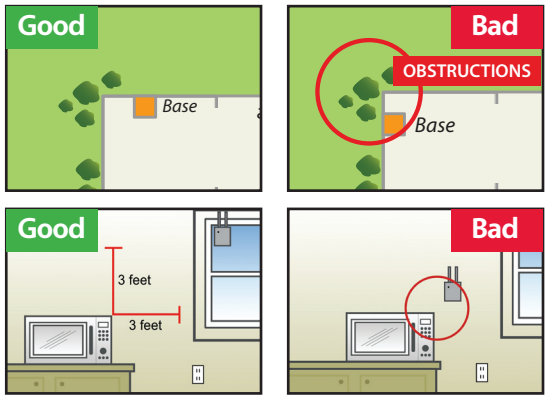
1 Setting Up the Bases

Installing the Bases:

- The best choice to place your Bases is on **windows or outer walls** in **the furthest corners of your home or attached garage**, near 120V AC power outlets, spaced as far apart as possible, but a **minimum of 20 feet apart**. Increasing the distance between the Bases will increase their tracking accuracy.
- If Bases must be in the same area, such as a garage, it is better to place Bases on **adjacent walls** than on the same wall.
- Look inside your home, **DO NOT place the Bases within 3 feet of metal objects**, such as mirrors, microwaves or home appliances.
- Look outside your home, **DO NOT place the Bases** on walls that have electric power meters, air conditioning units, metal grates/ fences, downspouts, or large trees or bushes immediately outside the wall. Move Bases so that they have clear, direct line of site through your yard.

Position all 4 Bases at the far corners inside of your home and near a power outlet (including the attached garage if it applies).

1. **Install the Master Base A first.** To identify it from the rest of the Bases, the Master Base A is labeled as such and is the only Base to have a USB port on the bottom next to the power port.
2. Position Master Base A (labeled as such) in an outer corner wall near the area where your dog spends most of his time outdoors (see Illustration A). Make sure a power outlet is nearby.
3. If you'll be using the Wireless Fence Tracker for fence confirmation or troubleshooting, the Master Base A needs to be within reach of your computer.
4. Using the removable wall-mount adhesive strips or screw & wall anchor, mount the Master Base A on the appropriate wall, approximately 6 feet off the ground or at eye level (see Illustration B). **Do NOT plug in the Master Base A at this time.**
5. Attach the other 3 Bases to outer walls in the remaining farthest corners of your home or attached garage, approximately 6 feet off the ground or at eye level. **Do NOT plug them in at this time.**



Base placement **away** from obstructions **increases** signal strength.

Base placement **near** obstructions **decreases** signal strength.

Bases need to be a minimum of 20 feet apart.

Illustration A

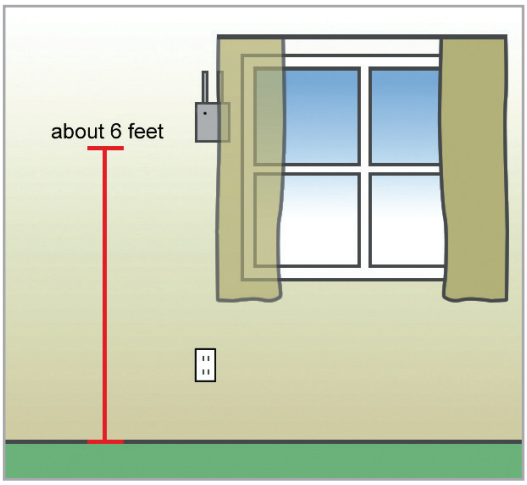


Illustration B

To attach using the removable wall-mount adhesive strips:

- Clean the surface of the desired location of the Base with isopropyl rubbing alcohol, wipe gently with a soft cloth and let dry. DO NOT USE household cleaners (see Figure 1.0).
- Separate strips (if still connected) at the perforation.
- Peel the liner from the back of one of the strips and attach it vertically to the middle of the Base with the release-tab pointed upward toward the antennas (see Figure 1.1a). **Do not cover the serial number on Master Base A.**
- Connect another strip to the strip on the Base by pressing the fasteners of both strips firmly together until they snap. The release-tab on the other strip should point downward away from the antennas - the opposite direction of the release-tab of the strip on the Base (see Figure 1.1b).
- Peel the liner from the back of the other strip and attach it to the wall with the release-tab facing downward toward the floor and the Base antennas facing upward toward the ceiling (see Figure 1.2).

To remove the adhesive strips:

- Pull the Base gently from the wall by disconnecting the fasteners. DO NOT pull the strips off the Base or the wall.
- Start with the strip on the wall. Press one hand on the end of the strip opposite the release-tab and use your other hand to pull the release-tab slowly straight down against the wall, stretching it at least 12 inches until the strip releases. Repeat for the strip attached to the Base (see Figures 1.3a & b).

NOTE: The removable wall-mount adhesive strips are not recommended for wallpaper. Apply to surfaces above 50˚F . Adhesive could soften and lose adhesion above 105˚F.

Figure 1.0

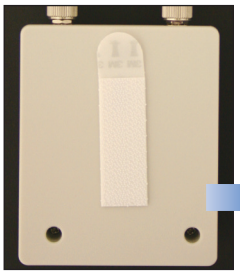


Figure 1.1a

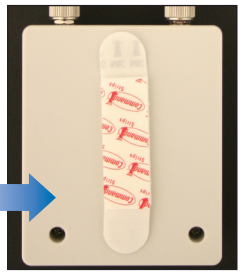


Figure 1.1b

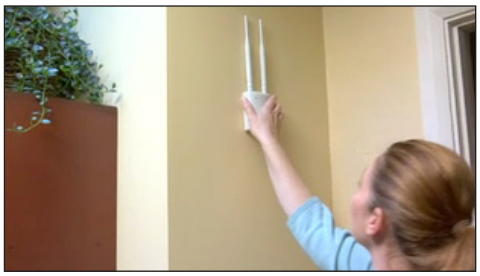


Figure 1.2

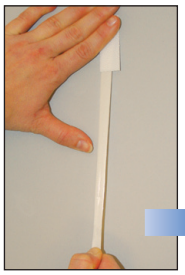


Figure 1.3a

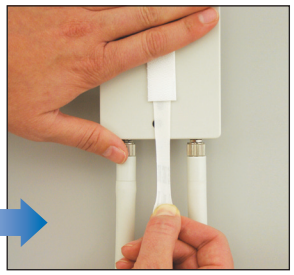


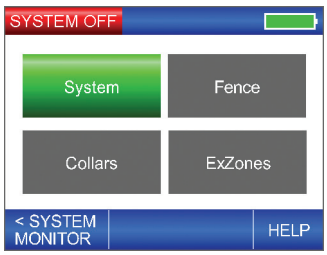
Figure 1.3b

Installing the Custom-Shape Wireless Dog Fence

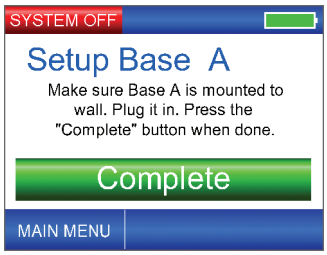
Activating the Bases:

1. Be sure the power outlet you choose for your Bases is not controlled by a light switch.
2. Once all the bases have been attached to the walls, it is necessary to add the Bases, one at a time, to the System starting with the Master Base A. Plug the Master Base A into the power outlet.
3. The indicator light will flash green to show that Master Base A is powered on. **Do not plug in the other Bases yet.**
4. Touch the screen of the Controller to turn it on and press "Get Started" (see Screen 1.0).
5. Press "System" (see Screen 1.1).
6. Press "Complete" (see Screen 1.2) to add the Master Base A to the System, and its indicator light will stop flashing green and turn solid green.
7. Walk **clockwise** to the next Base to the **right** of the Master Base A and plug it into a power outlet. This will become Base B. After the indicator light turns green, press "Complete" on the Controller to add Base B to the System.
8. Walk **clockwise** to the remaining 2 Bases and repeat *Step 7* to activate them (see Illustration C).

Screen 1.0



Screen 1.1



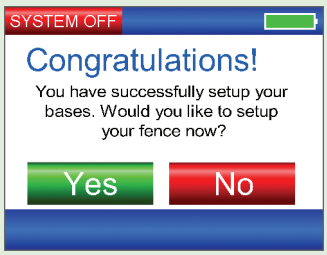
Screen 1.2

Activate the Bases in a clockwise fashion.

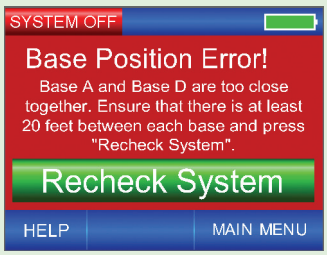
Illustration C

BASE ACTIVATION NOTE: If successful, a congratulatory screen will appear on the Controller indicating you are now ready to proceed to setup your Fence Boundary (see Screen 1.8).

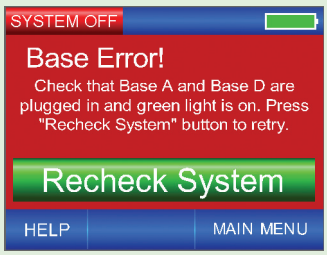
If you are unsuccessful, the Controller will advise you to recheck each Base (see Error Screen 1.0a or 1.0b). Before moving any Bases, press "Recheck System" to retry Base installation. If the same error occurs and you must move one or more of the Bases, or if you want to exit the setup process from your Error Screen and start over, Press "MAIN MENU", then Press "Yes."



Screen 1.8



Error Screen 1.0a
Bases are too close together.



Error Screen 1.0b
Bases have too much signal limiting material between them.

2 Setting Up the Fence Boundary/ Trigger Zone

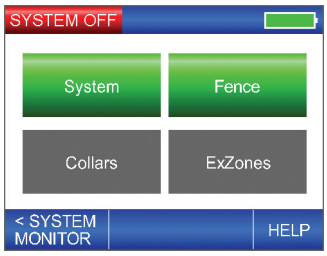
IMPORTANT MESSAGE

Your Fence Boundary / Trigger Zone should be NO closer than **20 feet** to ANY ROAD, SIDEWALK OR THOROUGHFARE FOR YOUR DOG'S SAFETY.

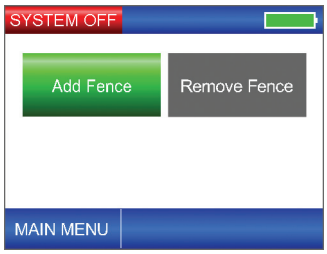
Placing Fence Boundary Training Flags: (See Illustration E)

1. Place the blue boundary flags in the ground, 10-20 feet apart from one another to establish the desired perimeter of your boundary. You do not need to place flags across driveways.
2. When selecting the location of your Fence Boundry, always keep in mind the 6 - 13 foot Trigger Zone that will surround your Boundry.
3. Using the Controller, select "Fence" from the main menu (see Screen 3.3).
4. Select "Add Fence" (see Screen 3.4).
5. Once you have confirmed that all flags are in the proper position, press "Complete" (see Screen 3.5).

NOTE : These flags represent the desired location of your wireless fence. Be sure that the flags form an enclosed area and that your house is inside the boundary.

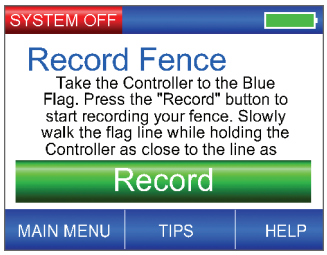


Screen 3.3



Screen 3.4

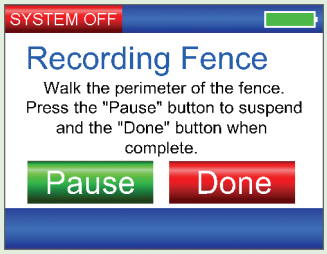
Screen 3.5



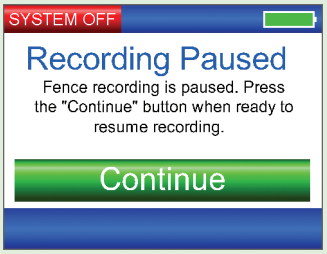
Screen 3.6

Recording the Fence Boundary/Trigger Zone:

PAUSE FEATURE NOTE : During fence recording, you can press "Pause" (see Screen 3.7) to stop, go around an object (such as a shed or other large object), and record the Fence Boundary through the object (see Illustration D). After you walk around the object, **wait 5 seconds** and then press "Continue" to continue recording your Fence (see Screen 3.8).



Screen 3.7



Screen 3.8

The Pause feature enables you to walk around objects and close your fence boundary through them.

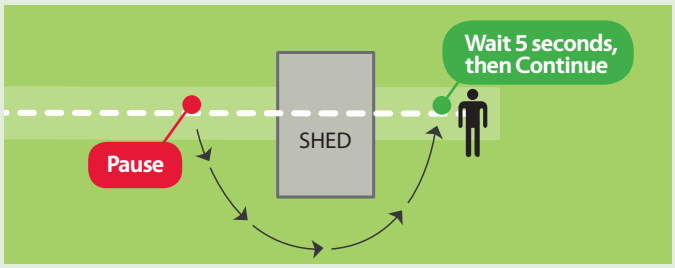


Illustration D

Installing the Custom-Shape Wireless Dog Fence

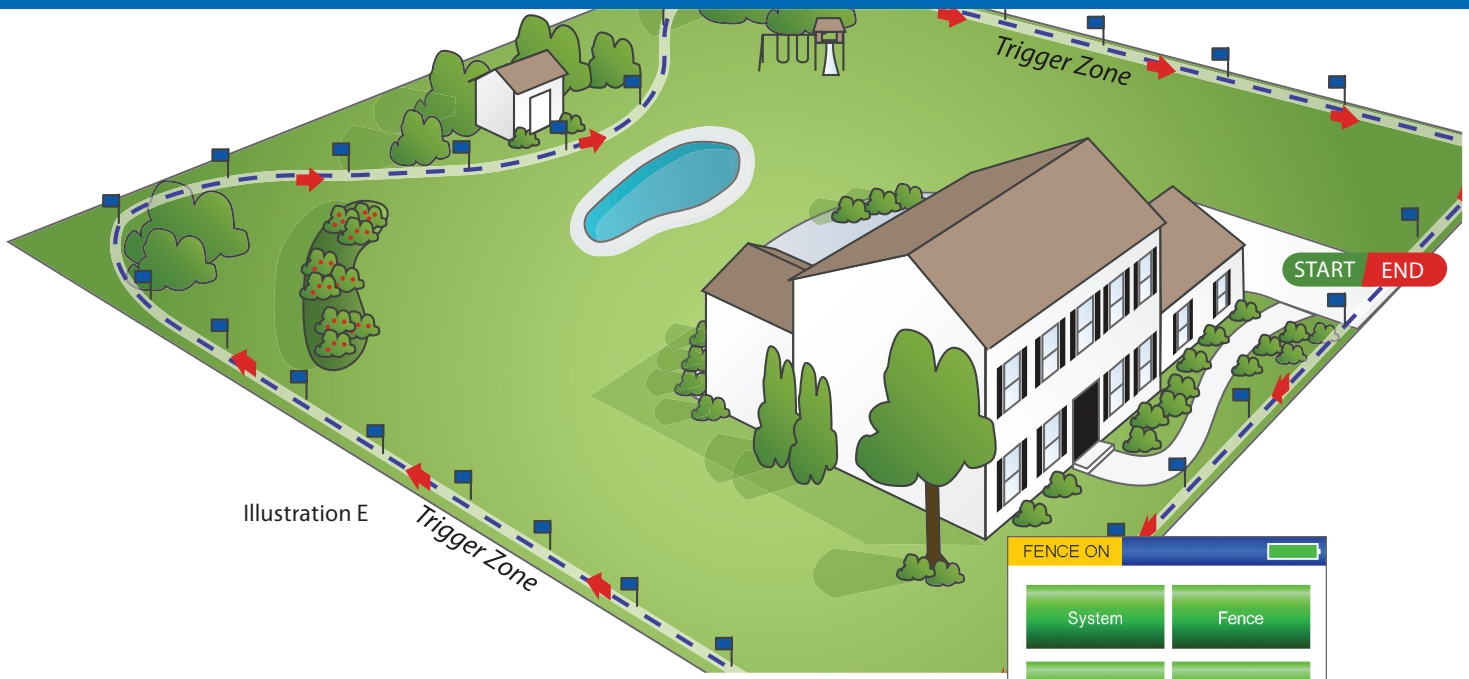


Illustration E

When recording your Fence Boundary, **keep the Controller over the flags at all times. The Controller should be between your body and the Bases in your home, so that your body does not affect the signal and cause the boundary to shift** (see Factors Affecting Signal Strength on Page 8).

1. Starting at the first blue flag, hold the Controller at waist level over the flag, **wait 5 seconds** and press "Record" (see Screen 3.6).

2. Walk the flag line (see Illustration E) **at a SLOW deliberate pace** until you reach the last blue flag and press "Done" (see Screen 3.7). Slow down coming around corners. Stop for 1 second at each corner if you want the system to make a sharp corner point.

3. A Congratulatory screen will appear. Press "NEXT".

Removing the Fence Boundary/Trigger Zone:

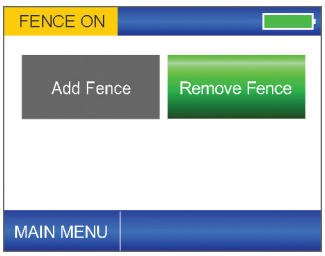
Should you have the need to remove your Fence Boundary (you add another building to your property or simply want to change your Fence Boundary), follow these steps:

1. Using the Controller, select "Fence" from the main menu (see Screen 4.2).

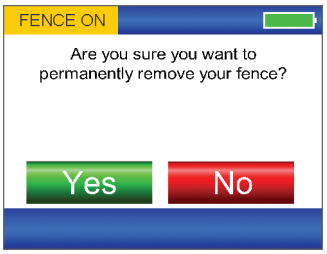
2. Select "Remove Fence" (see Screen 4.0).

3. Press "Yes" (see Screen 4.1a). A Congratulatory screen will appear briefly (see Screen 4.1b) and return you to adding a fence.

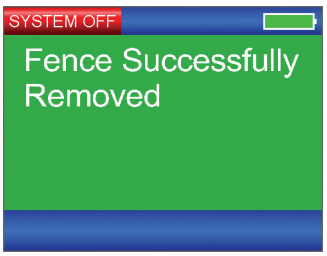
Screen 4.2



Screen 4.0



Screen 4.1a

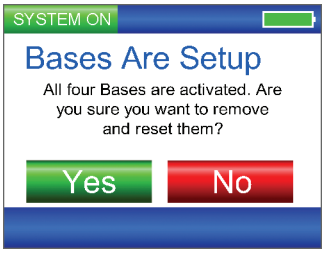


Screen 4.1b

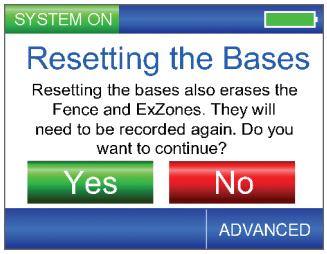
Removing/Resetting System Bases:

Should you need to move a Base(s) to provide a more accurate Fence Boundary, or because you move, relocate or because of interference from objects inside
or outside the home (such as bushes, trees or other large objects), follow these steps:

1. Make sure the Havahart® Wireless Collar is not on your dog.
2. Select "System" from the main menu
3. Select "Yes" (see Screen 2.1).
4. Select "Yes" again (see Screen 2.2).
5. Unplug ALL Bases and reposition the Base(s) as needed.
6. Plug in the Master Base A.
7. Press "Complete".
8. Walk **clockwise** to the right of the Master Base A.
   Plug in Base B and Press "Complete".
9. Repeat this process for the 2 remaining Bases.



Screen 2.1



Screen 2.2

Installing the Custom-Shape Wireless Dog Fence

3 Setting Up the Exclusion Zones (optional)

IMPORTANT MESSAGE

If you choose to add an Exclusion Zone after the initial installation process, you will need to retrain your dog to familiarize him with the new restricted area.

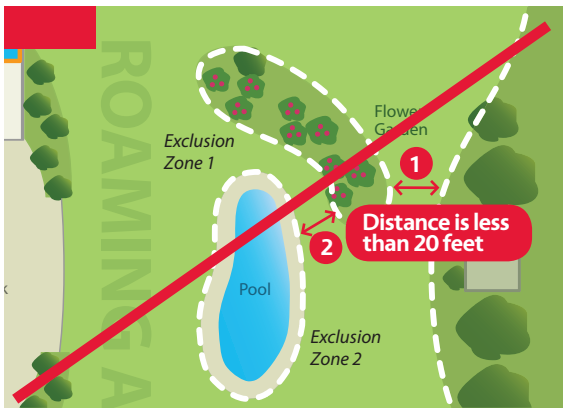
What are Exclusion Zones (ExZones)?

Exclusion Zones are target areas on your property where you wish to restrict your dog's access, such as a flower bed, children's play area, pool or patio. Exclusion Zones are optional and may be added either during or after the initial installation process. Up to 4 Exclusion Zones can be created. **The minimum size of an Exclusion Zone is 12' x 12'. Each Exclusion Zone cannot be located within 20 feet of another Exclusion Zone, Fence Boundary or Base.**

The following are examples of possible Exclusion Zones:

1 Dog should be able to walk between Exclusion Zone and boundary

2 Dog should be able to walk between Exclusion Zones.



1 Dog **may not** be able to walk between Exclusion Zone and boundary. It would be better to make the boundary include the Exclusion Zone.

2 Dog **may not** be able to walk between Exclusion Zones. It would be better to make one big Exclusion Zone.

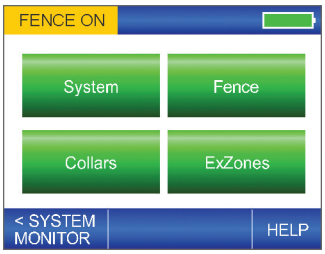
Using the Controller, you have the ability to:

- Add/Remove an Exclusion Zone
- Name an Exclusion Zone
- Turn an Exclusion Zone On or Off

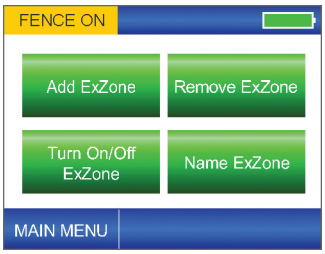
Placing Exclusion Zone Training Flags:

1. Similar to Fence Boundary training flag placement, place flags in the ground six feet apart from one another to establish the desired Exclusion Zone boundary. The blue flag is not required for Exclusion Zone boundary setup (see Illustration G).
2. Using the Controller, select "ExZones" from the main menu (see Screen 4.2).
3. Select "Add ExZone" (see Screen 4.3).
4. Select the ExZone you would like to add ie. EXZONE1 (see Screen 4.4).
5. Once you have confirmed that all flags are in the proper position, press "Complete" (see Screen 4.5).

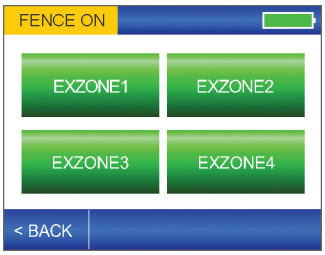
NOTE: Make sure that there is at least 20 feet between different Exclusion Zones and between Exclusion Zones and the Fence Boundary and the Bases.



Screen 4.2



Screen 4.3



Screen 4.4

Screen 4.5

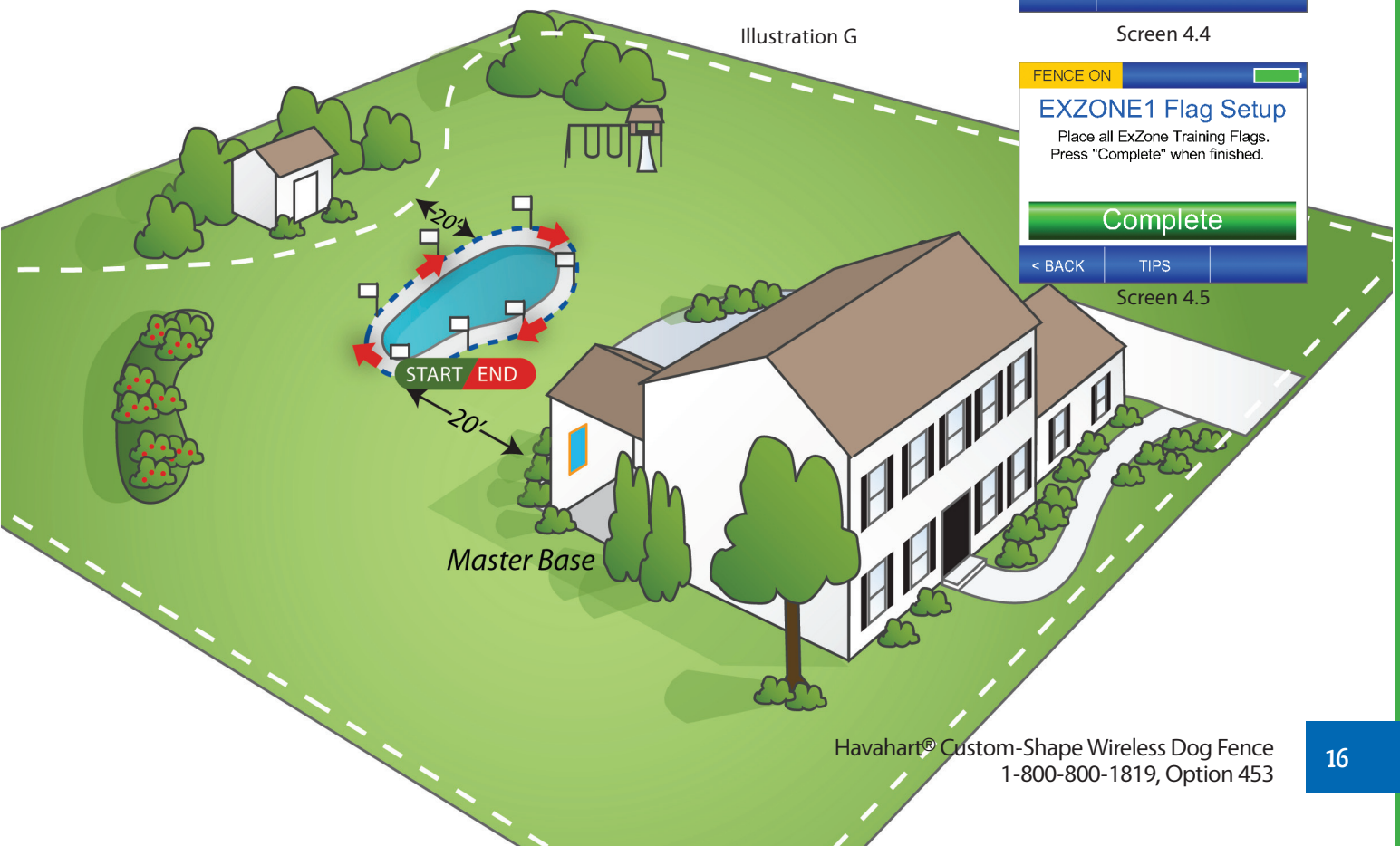
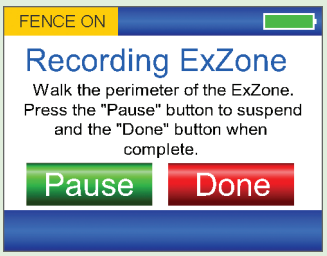


Illustration G

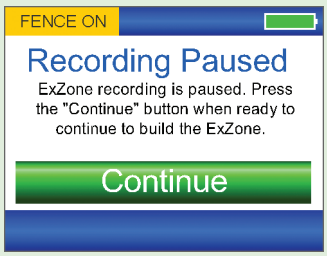
Installing the Custom-Shape Wireless Dog Fence

Recording an Exclusion Zone:

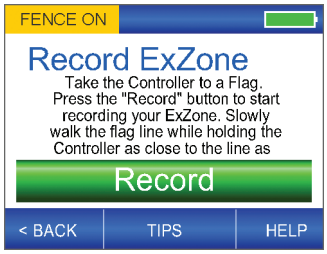
PAUSE FEATURE NOTE : During Exclusion Zone recording, you can press "Pause" (see Screen 4.7) to stop, go around an object (such as a tree, bush or other object), and record the Exclusion Zone through the object. After you walk around the object, **wait 5 seconds** and then press "Continue" to continue recording your Exclusion Zone (see Screen 4.8).



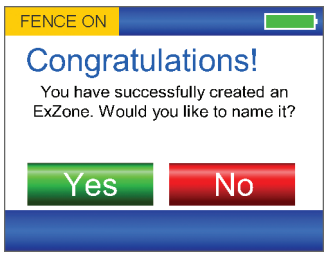
Screen 4.7



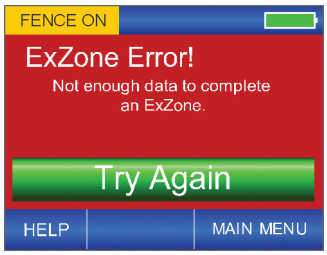
Screen 4.8



Screen 4.6



Screen 4.9



Error Screen 1.1

Because Exclusion Zones are smaller than your fence you must walk **about 4 feet or one pace inside** the flag line. **Make sure to keep the Controller between your body and the Bases as your body may affect the signal and cause the boundary to shift** (see Factors Affecting Signal Strength on Page 8).

1. Starting about 4 feet or one pace inside the first flag, hold the Controller at waist level, **wait 5 seconds** and press "Record" (see Screen 4.6). **Walk at a QUICK deliberate pace** all the way around the inside of your Exclusion Zone ending where you started. Slow down coming around corners. Stop for 1 second at each corner if you want the system to make a sharp corner point.

2. When you return to your starting point, press "Done" (see Screen 4.7) and a Congratulatory screen will appear (see Screen 4.9). If unsuccessful, an ExZone Error Screen will appear, directing you to repeat the process as the signal may not have been properly received (see Error Screen 1.1).

   You have the opportunity to name the Exclusion Zone now if you desire. Otherwise, the Exclusion Zone will be given the default name of EXZONE1, EXZONE2, etc.

3. Repeat this process to create additional Exclusion Zones on your property.

Naming an Exclusion Zone:

1. Select "ExZones" from the main menu (see Screen 4.2).

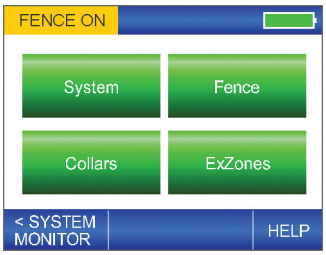
2. Press "Name ExZone" (see Screen 5.0).

3. Press the Exclusion Zone name that you would like to change (see Screen 5.1).

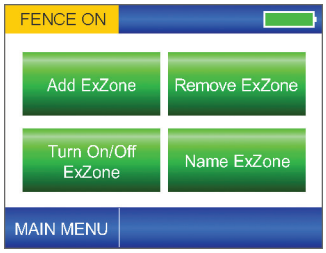
4. Create the name of the Exclusion Zone. Press the left or right arrows to highlight the letter you would like to change. Then press the up or down arrows to choose the character that you want from A-Z and 0-9. The name can be up to 8 characters in length. Repeat this process until you are satisfied with the name (see Screen 5.2).

> **NOTE:** You can also change the name of an Exclusion Zone back to its default name by pressing "DEFAULT NAME" in the lower center of your screen.

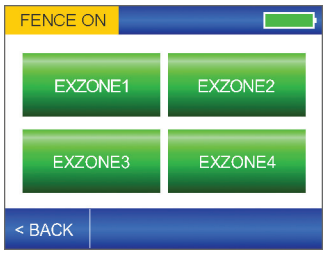
5. Once you are satisfied with the name of the Exclusion Zone, press "SAVE" and a Confirmation screen will display briefly and then take you back to Exclusion Zone Options (see Screen 5.3).



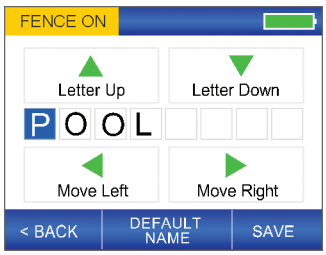
Screen 4.2



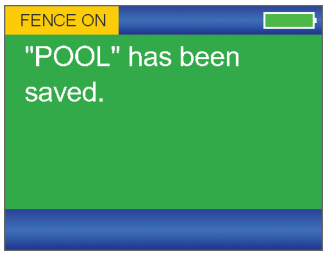
Screen 5.0



Screen 5.1



Screen 5.2



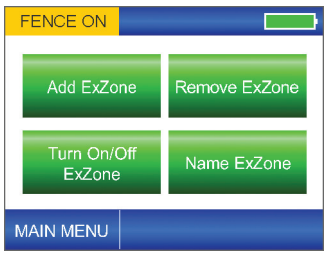
Screen 5.3

Installing the Custom-Shape Wireless Dog Fence

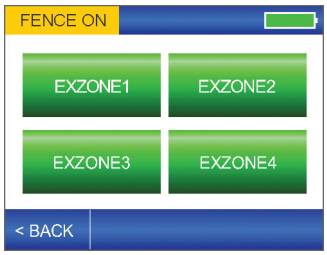
Removing an Exclusion Zone:

Should you have the need to permanently remove an Exclusion Zone, follow these steps:

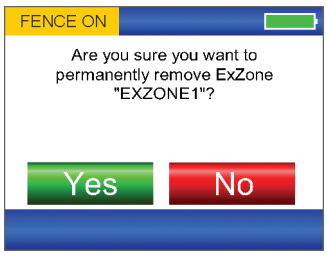
1. Using the Controller, select "ExZones" from the main menu (See Screen 4.2).
2. Select "Remove ExZone" (see Screen 5.4).
3. Press the Exclusion Zone that you would like to remove (see Screen 5.5).
4. If you are certain that this is the Exclusion Zone that you would like to permanently remove, press "Yes". Press "No" to return to the previous selection screen (see Screen 5.6).
5. Upon successful removal, a Congratulatory screen will appear (see Screen 5.7) and you will be returned to the ExZone menu screen.
6. Repeat this process to remove other Exclusion Zones.



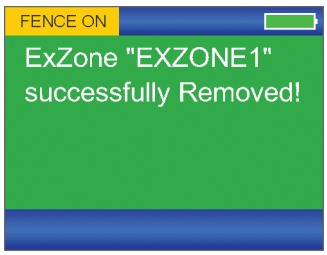
Screen 5.4



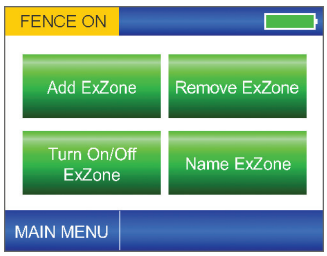
Screen 5.5



Screen 5.6



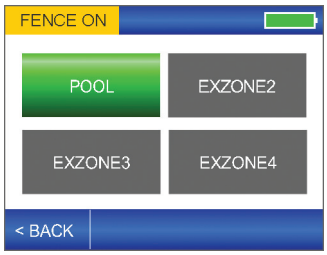
Screen 5.7



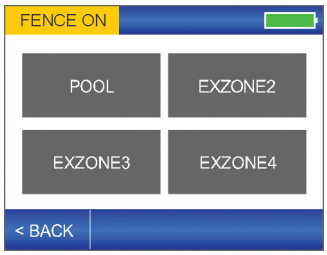
Screen 5.8

Deactivating / Reactivating an Exclusion Zone:

1. To deactivate a particular Exclusion Zone, select "ExZones" from the main menu (see Screen 4.2).
2. Press "Turn On/Off ExZone"(see Screen 5.8).
3. Press the desired Exclusion Zone to deactivate (see Screen 6.0) and it will turn grey to indicate that it is now OFF (see Screen 6.1). To reactivate the Exclusion Zone, press the desired Exclusion Zone and it will turn green to indicate that it is now ON.



Screen 6.0



Screen 6.1

NOTE : Frequently deactivating and reactivating Exclusion Zones is NOT recommended as your dog must be retrained each time.

4 Setting Up the Collar(s)

Collar Features:

- A Embedded Antennas
- B Collar Light
- C Grey Battery Housing
- D Battery Cap
- E Probes
- F Washers

Installing a Battery:

1. Remove the clear plastic wrapping from the 2-pack of batteries provided.
2. Make sure a Battery is fully charged before installing it in the Collar (see Recharging a Battery on Page 23). Turn the Battery Cap on the Collar counterclockwise about 1/4 turn and pull it out. With the **positive** side facing outward, install one rechargeable RCR123 Battery into the Collar (see Figure 5.0). Replace the Battery Cap and **turn it clockwise to lock it in place.**
3. The Collar will flash green. If it does not, shake the Collar gently as the Collar is in sleep mode (see the Havahart® Wireless Collar Light Chart on Page 23).

NOTE: The Collar is always "on" when a fully charged Battery is installed. However, the Collar may be awake or asleep based on Integrated Motion Sensor Technology. This technology allows the Collar to conserve Battery life when appropriate by putting the Collar to sleep. The Collar Light will not flash when the Collar is asleep. Movement, such as gently shaking the Collar, will awaken it and the Collar Light will flash green (see the Havahart® Wireless Collar Light Chart on Page 23). The Collar Light will flash red to indicate that the Battery needs to be recharged. The Controller will also produce an auditory tone to alert you that the Battery is low.

IMPORTANT MESSAGE

The Collar should not be placed on your dog until after you have successfully installed it on the system.

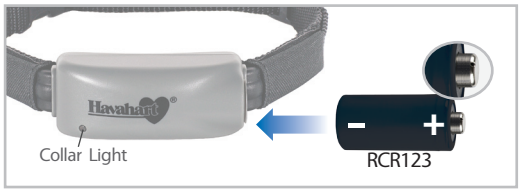
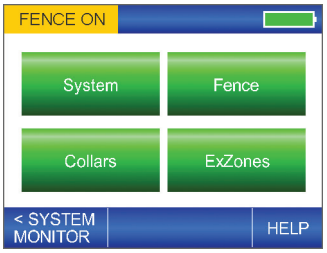
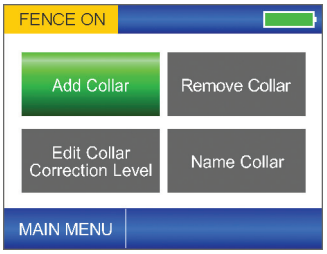


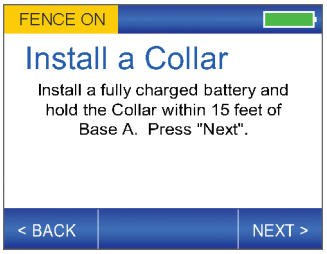
Figure 5.0



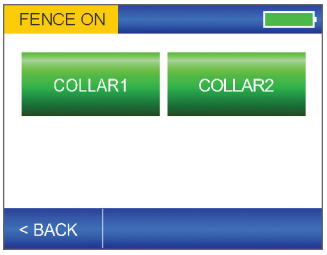
Screen 6.2



Screen 6.3



Screen 6.4



Screen 6.5

Installing the Custom-Shape Wireless Dog Fence

IMPORTANT MESSAGE

Once you have a Collar activated, test your fence boundary and or Exclusion Zone(s) in different locations.

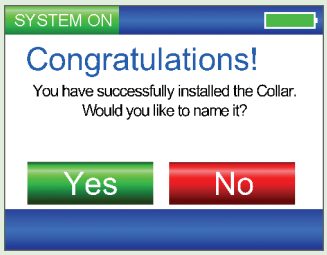
Activating a Collar:

The system allows you to activate up to 2 Collars using the Controller. Before initiating the setup process, make sure to install a fully charged **RCR123 Battery** in the Collar.

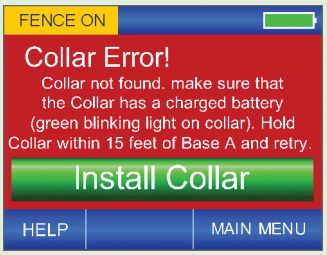
Make sure the Collar you are activating is the only Collar with batteries and the only Collar turned on. This keeps the system from tuning in on the wrong Collar.

1. Position the Collar near the Master Base A.
2. Select "Collars" from the main menu (see Screen 6.2).
3. Select "Add Collar" (see Screen 6.3).
4. Press "Next" (see Screen 6.4).
5. While gently shaking a Collar to keep it awake (a green light should flash every second), press the Collar that you would like to activate (see Screen 6.5).

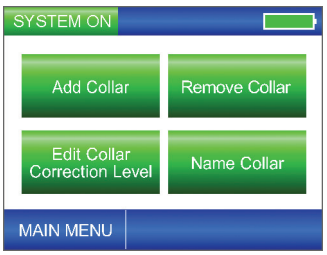
COLLAR ACTIVATION NOTE: If successful, a Congratulatory screen will appear (see Screen 6.7), indicating that the Collar has been properly set. You may proceed to name your Collar. If you choose not to name it, the Collar will be given the default name of COLLAR1 or COLLAR2 (see the "Naming a Collar" section for more information). If unsuccessful, you will be directed to try again (see Error Screen 1.2).



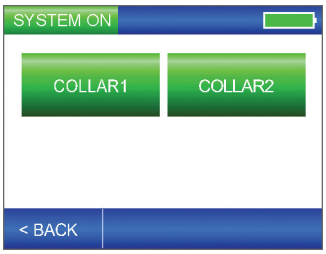
Screen 6.7



Error Screen 1.2



Screen 7.3

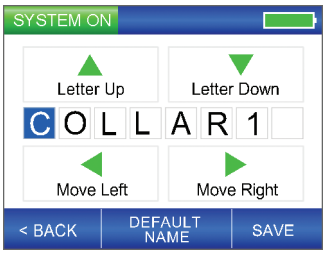


Screen 7.4

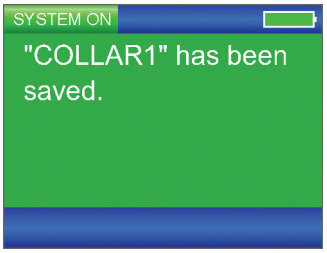
Naming a Collar:

You can name each Collar using the Controller.

1. Select "Collars" from the main menu (see Screen 6.2).
2. Press "Name Collar" (see Screen 7.3).
3. Press the Collar you would like to name (see Screen 7.4).
4. Create the name of the Collar. Press the left or right arrows to highlight the letter you would like to change. Then press the up or down arrows to choose the character that you want from A-Z and 0-9. The name can be up to 8 characters in length. Repeat this process for each letter until you are satisfied with the name. You can also change the name of a Collar back to its default name by pressing the "DEFAULT NAME" Button in the lower center of the screen (see Screen 7.5).
5. Once you are satisfied with the name of the Collar, press "SAVE" and a confirmation will display briefly and then take you back to Collar Options (see Screen 7.6).



Screen 7.5



Screen 7.6

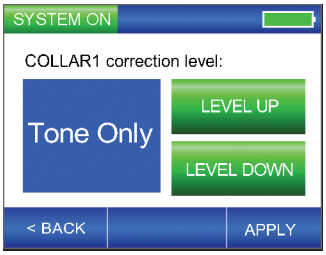
IMPORTANT MESSAGE

The correction level of the Collar may be adjusted by the Controller based on the size and temperament of your dog. There are 5 static correction levels and one **Tone Only** (sound only) level. The default correction level of the Collar is tone only.

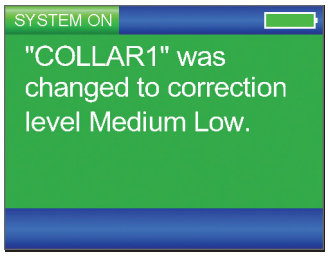
It is recommended to start with a lower correction level when training your dog.

Adjusting the Correction Level of a Collar:

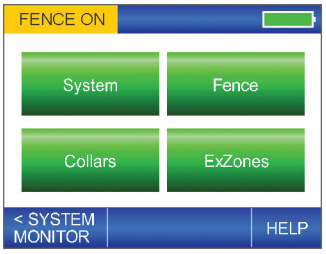
1. To adjust the correction level of a Collar, first select "Collars" from the main menu (see Screen 6.2).
2. Press "Edit Collar Correction Level" (see Screen 7.7).
3. Press Collar that you wish to adjust (see Screen 7.8).
4. Press "LEVEL UP" or "LEVEL DOWN" to adjust the correction level to the desired setting -- 5 being the highest correction level and 1 being the lowest correction level (see Screen 7.9).
5. Press "APPLY" and a Confirmation screen will display briefly and then return you to Collar Options (see Screen 8.0).



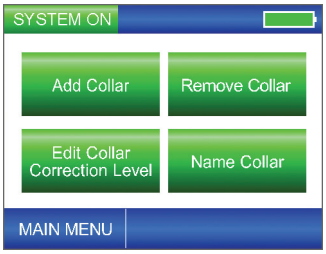
Screen 7.9



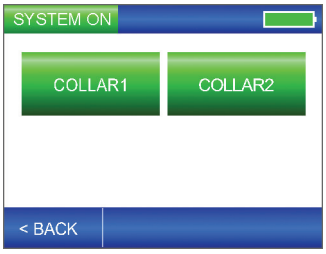
Screen 8.0



Screen 6.2



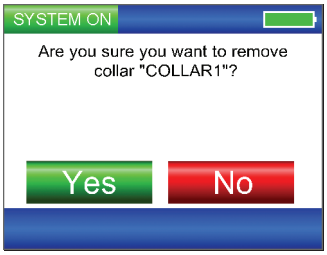
Screen 7.7



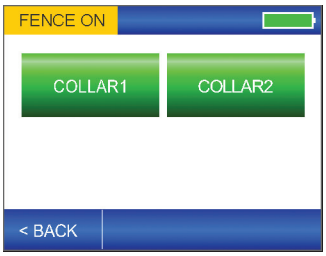
Screen 7.8

Removing a Collar:

1. To remove a Collar, select "Collars" from the main menu (see Screen 6.2).
2. Press "Remove Collar" (see Screen 7.7).
3. Press the Collar that you wish to remove (see Screen 7.8).
4. If you are certain that this is the Collar that you would like to remove, press "Yes". Press "No" to return to the previous selection screen (see Screen 8.3). Select "No" if you picked the wrong Collar or if you have changed your mind and you will be returned to the Collar selection screen.
5. Upon successful removal, you will be returned to the Collar selection screen (see Screen 8.5).
6. Repeat this process to remove the other Collar.



Screen 8.3



Screen 8.5

Installing the Custom-Shape Wireless Dog Fence

Recharging a Battery:

- Remove the low Battery from the Collar.
- Make sure the Battery Charger is properly connected to a grounded 120V AC outlet.
- Properly orient the Battery in the Charger with the positive side closest to the lights of the Charger.
- Remove the Battery when recharging is complete.

Correct way to Insert a Battery in the Charger.

Warning: Do NOT put a non-rechargeable Battery in the Battery Charger.

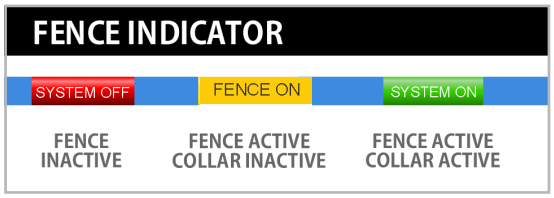
BATTERY RECHARGING NOTE: You want to see the red light come on when you place the Battery in the Charger. You can charge up to two Batteries at the same time. Do NOT take the Battery out until the light turns blue. It takes less than 3 hours to fully charge a Battery.

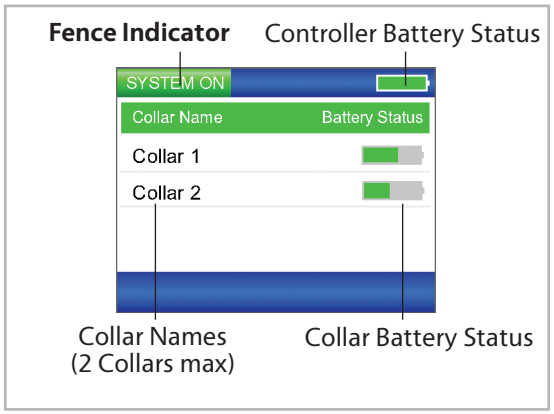
Note: Recharging the RCR123 Battery is similar to recharging a mobile phone. Always have a spare Battery ready. **You should expect to charge the Battery every 1-3 days depending on how active your dog is.**

Recharging Light Colors:

No Color - when on standby (no Battery in chamber),
No Color - when the Battery is in the chamber the wrong way
Blue - when the Battery is fully charged
Red - when the Battery is charging

System Monitoring/Checking Battery Status:





Havahart® Wireless Collar Light Chart:

Collar Light	Collar Status	Action
Off	-Asleep **OR** -Battery is too Low **OR** -Battery is not in the Collar	Shake gently and watch for the Light to flash green. Make sure a fully charged Battery is in the Collar.
Fast Green Flash every second	-Battery has good charge	No action required
Red Flash	-Low Battery **OR** -Boundary Breach	Charge the Battery **OR** Return the dog to the Roaming Area.

Fitting a Collar:

To ensure the safe and effective operation of the system, it is important to make sure that the Collar is fitted properly.

1. **Be sure your dog is safely within the Roaming Area and the Correction Level is set to Tone Only.**

2. With your dog standing comfortably, position the Collar high on your dog's neck, underneath the chin with the Probes facing upward and centered on your dog's neck. The Havahart® logo should be right side up when you look at your dog.

3. Make sure the Probes maintain contact with skin.

   - Collar is factory installed with long Probes for thick or long-haired breeds.
   - Short Probes for short-haired dogs are included
   - To change the Probes, simply unscrew the long Probes and replace them. Be sure the rubber washer is between the Probe and the Grey Battery Housing. Use your fingers to tighten the Probes as far as you can. Do not over tighten.

NOTE: It may be necessary to trim the hair around the Probes to ensure reliable contact.

4. Adjust the Collar to fit snugly but not tightly. You should be able to slide the tip of one finger between your dog's coat and one of the Probes on the Collar. The tip of your finger should not be able to slip between the two easily, but with some effort. It should be a tight squeeze (see Illustration H). Separately, you should be able to slide one finger between the strap of the Collar and the back of your dog's neck.

Illustration H

NOTE: If your dog is going to continue to grow or grows a long winter coat, leave extra room before trimming off the excess.

IMPORTANT MESSAGE

The Collar should be snug enough so that it does not move when your dog moves.

To help prevent skin irritation, it is recommended that you never leave the Collar on your dog for more than 12 consecutive hours at a time.

If you do not remove the Collar from your dog's neck at least every 12 hours AND clean your dog's neck and the Collar, Pressure Necrosis may occur which is a deterioration of your dog's skin. It is caused by extended contact to the pressure of the Probes of the Collar combined with the oil and dirt that may accumulate on the Probes if not kept clean.

Important Collar Safety Guidelines:

1. Do not let your dog wear the Collar inside the house
2. During training, do not let your dog wear the Collar without direct supervision.
3. Each time you take the Collar off your dog, look for any indication of a sore or rash.
4. Should you find any indication of a sore or rash on your dog, stop using the Collar for a few days.
5. If the rash or sore exists for more than 2 days, consult your veterinarian.
6. Wash your dog's neck weekly with mild soap and a wash cloth and then rinse clean.
7. Wash the Probes of the Collar weekly with mild soap and a wash cloth and then rinse clean.

Installing the Custom-Shape Wireless Dog Fence

5 Testing the Trigger Zone/Placing the Training Flags

Your actual Fence Boundary may not follow exactly the steps you took when recording your fence. **Your actual Boundary will be a point within the Trigger Zone.** These points strung together will make up your Fence Boundary. **The Trigger Zone may be 6 - 13 feet wide and a Collar correction at any point within the Zone is acceptable.** (see Illustration I)

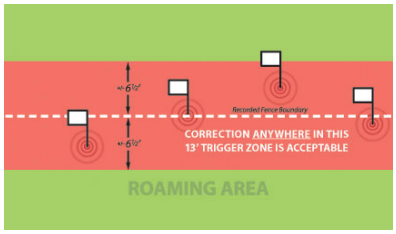


Illustration I = Trigger Zone

To confirm the location of your actual Fence Boundary and place the white Training Flags, follow these steps...

- Set the Collar to Tone Only.
- Extend your arm down and by your side. Hold the Collar by the battery housing so that you can see the Collar Light. Make sure that your body does not get between the Collar and the Bases as your body may affect the signal and cause the Boundary to shift inward (see Factors Affecting Signal Strength on Page 8).

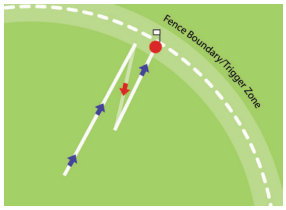


Illustration J

- Walk toward a blue Boundary flag while gently moving the Collar until the Collar beeps and the Collar Light flashes red. To confirm the boundary location, step back until the Collar stops beeping and then walk forward in the same direction until the Collar beeps and the Collar Light flashes red again. Place a white Training flag at the beeping point (see Illustration J).
- Repeat the process by walking toward the blue Boundary flag about 6 feet (2 paces) to the right of the previous flag, verifying the fence boundary, placing a white Training flag, and then stepping back into the Roaming Area.

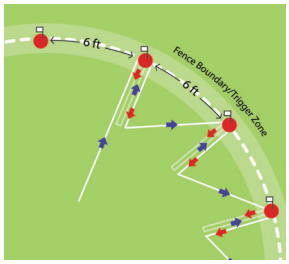


Illustration K

- Repeat until the entire containment area is surrounded with white Training flags (see Illustration K).

If you are comfortable with the placement of the Training flags and the resulting Roaming Area, you can remove your blue Boundary flags. If you are not satisfied, you may need to re-record your fence to fine-tune the Fence Boundary (see Removing the Fence Boundary on Page 13 and Recording the Fence Boundary on Page 12)

NOTE: These flags represent the location of your wireless fence and will be used later to train your dog. Be sure that the flags form an enclosed area and that your dog has safe, adequate entry to your house.

HEART-SHAPED COLLAR TESTER NOTE: If you would like to confirm that the Havahart® Wireless Collar will deliver a static correction when crossing the Trigger Zone, you can use the Heart-Shaped Collar Tester. Set the correction level to static level 1. Hold the metal contact points located inside the holes of the Heart-Shaped Collar Tester against the Probes of the Havahart® Wireless Collar so that metal is touching metal. Carry the Havahart® Wireless Collar by the battery housing of the Collar with the Heart-Shaped Collar Tester held against the Probes. Make sure that your body does not get between the Collar and the Bases as your body may affect the signal and cause the boundary to shift. Walk to a boundary point and watch the Heart-Shaped Collar Tester illuminate. Remember to set the correction level back to Tone Only before beginning training.

6 Trouble Shooting with the Wireless Fence Tracker

Accessing the Wireless Fence Tracker:

The Wireless Fence Tracker **is not required to set up your System,** however it can be used as a troubleshooting tool that can aid in the installation and testing of your Fence Boundary. The program allows you to see approximately where your wireless Fence Boundary lies and where your dog is and has been in relation to your Base locations. Your home computer will need internet access in order to operate the program.

1. Make sure the computer is located within 10 feet of the Master Base A.
2. To access the Wireless Fence Tracker, visit www.HavahartWireless.com/myaccount.
3. If you don't have an account, create one to gain secure access to the program.
4. **Click on How It Works** for full information on using the Wireless Fence Tracker as a trouble shooting tool.

Confirming your Bases:

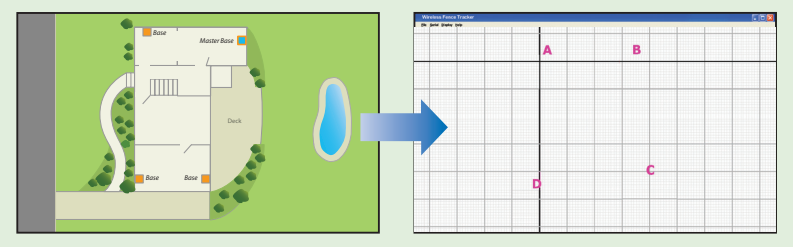
Once you've opened the Wireless Fence Tracker on your screen, click Reload

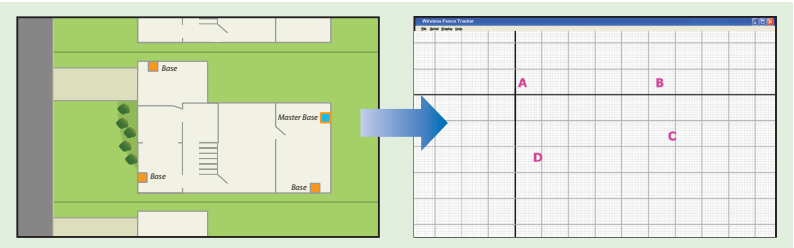
Your Bases should now be properly oriented on the Wireless Fence Tracker. **As you look at your computer screen the orientation of the Bases may look different than what you would expect.** However, the Bases should all be in the correct position relative to one another. Your on screen layout may make more sense once you have recorded your fence. See examples on next page.

Base Positions on the Wireless Fence Tracker:

- **The Master Base A will always appear at the intersection or crosshairs of the 2 bold lines.**
- **Base B will always appear directly to the right of the Master Base A on the horizontal bold line.**
- Bases C will always be positioned clockwise from Base B.
- Base D will always be positioned clockwise from Base C.
- Please see the example illustrations for comparison to your layout.
- **Your on screen layout may make more sense once you have recorded your fence.**

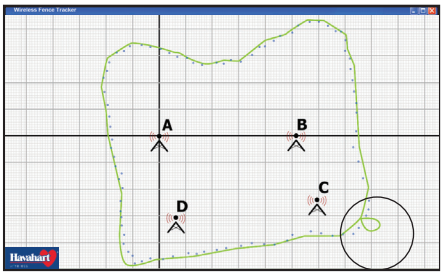
Examples: **Wireless Fence Tracker Base Locations:**





Installing the Custom-Shape Wireless Dog Fence

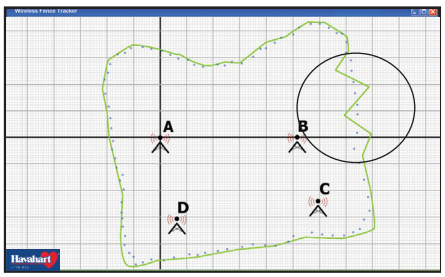
When viewing the Wireless Fence Tracker, the Fence Boundry will be in green. The blue circles track your Controller and should closely, but not perfectly overlay the green line where you recorded the fence.



Small Loop

Trigger Zone Imperfections:

It is normal for your Trigger Zone to have some imperfections as shown to the right. Imperfections are caused by attenuation in the signal between the Bases and Trigger Zone. Attenuation can be caused by air conditioning unit, sheds, dense trees or heavy landscaping. This should not be a problem for the successful operation of your wireless fence as the Fence Boundary is still closed.

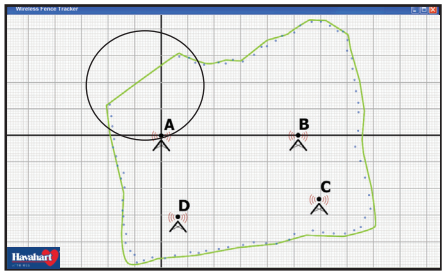


Jagged Line

If you see any small loops, jagged lines or cut-off areas, make sure the flags are moved to the proper position to compensate for the unintended issue.

If this does not meet with your satisfaction, you can remove the Fence Boundary and re-record it.

When re-recording and you are near the problem area, use the Pause Feature. Press "Pause" to stop recording before the problem area, walk to the other side, and press "Continue" to proceed with recording. This should connect the Fence Boundary through the problem area.



Cut-Off Area

Fence Boundary/Exclusion Zone Line Color Meanings:

- **Green:** Your dog is within the Roaming Area.
- **Red:** Your dog has breached the Fence Boundary or an Exclusion Zone.
- **Yellow:** Your dog has breached the Fence Boundary and the correction cycle has timed out after 30 seconds.

Training Your Dog

IMPORTANT MESSAGE

The Custom-Shape Wireless Dog Fence is not a physical boundary. It is necessary to contain your dog using a leash or other means during training.

IMPORTANT REMINDERS:
Please read the following information completely before you begin training:

- Proper training of your dog is essential to help ensure the successful operation of your Custom-Shape Wireless Dog Fence.
- We recommend that you train your dog for a minimum of **15 consecutive** days. Use a calendar to track your dog's progress.
- Keep your training sessions short and frequent -- approximately 10-15 minutes long, 2-3 times a day.
- Every dog is unique and may respond differently to the training depending on its age, size, temperament and ability to learn. For this reason, you may need to adjust your training schedule accordingly.
- It may be necessary to decrease the speed of the training schedule or add more training days if your dog seems to be under stress. Signs that your dog may be under stress include: tail between legs, ears pulled back, refusal to go outside the home and nervous shaking.
- Before beginning Collar-assisted training, allow your dog to get used to wearing the Havahart® Wireless Collar with the battery removed.
- Have fun with your dog during the training process and end each session with positive praise and play time in the Roaming Area at least 10 feet away from the Training Flags.
- Be patient and consistent in your approach.
- Remove the Havahart® Wireless Collar after each training session.
- If you are training more than one dog, train each dog separately.
- Should your dog breach the Trigger Zone while wearing the Havahart® Wireless Collar, unlike an underground wire fence, your dog will not receive a separate correction for returning through the Trigger Zone back into the Roaming Area.
- **It is important that you complete the entire training process and do not skip any phases.**

Leaving the Roaming Area with Your Dog

Once your dog becomes accustomed to the Trigger Zone, he may become uncomfortable leaving the Roaming Area for activities such as walks or riding in the car. If you need to take your dog out of the Roaming Area, ALWAYS remove the Havahart® Wireless Collar, and use one of the following methods:

1. Walk your dog outside of the Roaming Area while on a leash. Cross the same area of the Trigger Zone flag line each time, giving a command such as "CROSS", and praising your dog for crossing this specific area. Always leave this area with your dog on a leash.
2. Carry your dog out.
3. Take your dog out in a car.

Training Your Dog

PRELIMINARY PHASE -- Flag Awareness Training - Optional (2-3 training sessions per day: each 10-15 minutes long)

Completing this phase will add 3 days to your training, but will give your dog more time to get used to the Training Flags if you choose to complete it.

1. **Take the Battery out of the Collar.**
2. Fit the Havahart® Wireless Collar around your dog's neck. Place a different non-metal collar above the Havahart® Wireless Collar and attach a leash to it. Make sure that this collar does not apply pressure to the Probes on the Havahart® Wireless Collar as this could hurt your dog when you pull on the leash.
3. Using the leash, walk your dog around inside the Roaming Area for 5 minutes, avoiding contact with the Trigger Zone.
4. Approach one of the Training Flags with your dog. When your dog gets close to the flag, gently shake the flag while saying "Bad Flags" in a firm, disapproving tone. Do not yell or frighten your dog.
5. Lead your dog back into the Roaming Area and praise your dog.
6. Repeat this process at several different Training Flags.
7. End with lots of playtime and praise for your dog in the Roaming Area at least 10 feet away from the Training Flags.
8. Be sure to remove the Havahart® Wireless Collar from your dog after each training session.
9. You may proceed to PHASE 1 when your dog avoids going near the Training Flags but will walk anywhere within the Roaming Area.

PHASE 1 -- Passive Training -- DAY 1-3 (2-3 training sessions per day: each 10-15 minutes long)

1. Insert a fully charged battery in the Havahart® Wireless Collar and set the correction level to **Tone Only** (see Page 22).

2. To ensure that the system is working properly, take the Havahart® Wireless Collar by itself out to the Trigger Zone and listen for the tone.

3. Fit the Havahart® Wireless Collar around your dog's neck. Place a different non-metal collar above the Havahart® Wireless Collar and attach a leash to it. Make sure that this collar does not apply pressure to the Probes on the Havahart® Wireless Collar as this could hurt your dog when you pull on the leash.

4. Using the leash, walk your dog around inside the Roaming Area for 5 minutes, avoiding contact with the Trigger Zone.

5. Calmly approach the Trigger Zone flag line -- do not look at your dog.

6. Give your dog the opportunity to pass into the Trigger Zone. He will hear a tone within the Trigger Zone.

7. Allow your dog to stay in the Trigger Zone for a few seconds while hearing the tone.

8. Gently shake a Training Flag while saying "Bad Flags" in a firm, disapproving tone to show your dog that the flags are associated with the tone coming from the Havahart® Wireless Collar. Do not yell or frighten your dog.

9. Lead your dog back into the Roaming Area and praise your dog.

10. Repeat this process at several different Training Flags.

11. As training progresses over the next 2 days, you should notice that when your dog hears the tone, he will return to the Roaming Area without your prompting.

12. End with lots of playtime and praise for your dog in the Roaming Area at least 10 feet away from the Training Flags.

13. Be sure to remove the Havahart® Wireless Collar from your dog after each training session.

14. You may proceed to PHASE 2 when your dog avoids going near the Training Flags when you approach and actually turns to go back to the Roaming Area without your aid.

Training Your Dog

PHASE 2 -- Active Training -- DAY 4-7 (2-3 training sessions per day: each 10-15 minutes long)

1. Set the correction level to **Static Level 1** (see Page 22).
2. To ensure the system is working properly, take the Havahart® Wireless Collar to the Trigger Zone and use the Heart-Shaped Collar Tester (see Page 25). The Heart-Shaped Collar Tester should light up.
3. Fit the Havahart® Wireless Collar around your dog's neck. Place a different non-metal collar above the Havahart® Wireless Collar and attach a leash to it. Make sure that this collar does not apply pressure to the Probes on the Havahart® Wireless Collar as this could hurt your dog when you pull on the leash.
4. Using the leash, walk your dog around inside the Roaming Area for 5 minutes, avoiding contact with the Trigger Zone.
5. Calmly approach the Trigger Zone flag line -- do not look at your dog.
6. Give your dog the opportunity to pass into the Trigger Zone, where he will hear a short tone and then receive a static correction.
7. Allow your dog to stay in the Trigger Zone for a few seconds while receiving the static correction.
8. Gently shake a Training Flag to remind your dog that the flags are associated with the short tone and static correction coming from the Collar.
9. Lead your dog back into the Roaming Area and praise your dog.
10. Repeat this process at a few Training Flags.
11. If your dog does not respond to the static correction, check to make sure that the Havahart® Wireless Collar fits properly (see Page 24). If your dog continues to not respond to the static correction, you may need to increase the static correction to level 2 or higher as necessary.
12. End with lots of playtime and praise for your dog in the Roaming Area at least 10 feet away from the Training Flags.
13. Be sure to remove the Havahart® Wireless Collar from your dog after each training session.
14. You may proceed to PHASE 3 when your dog avoids going near any of the Training Flags.

IMPORTANT MESSAGE

Do not force your dog to receive **too many static corrections** as this may make your dog nervous or anxious. It may be necessary to decrease the speed of the training schedule or add more training days if your dog seems to be under stress.

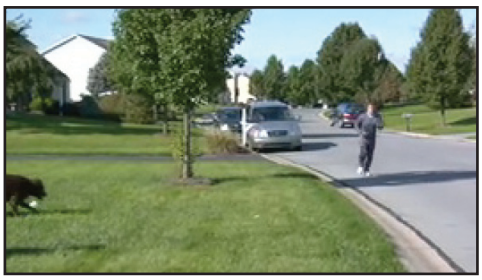
If your dog leaves the Roaming Area, he will be corrected on the way out only. Your dog will NOT be corrected when returning to the Roaming Area from outside the Trigger Zone.

If your dog does not respond to the static correction.

- Make sure the static correction level is set to 1 or above.
- Test the Havahart® Wireless Collar with the Heart-Shaped Collar Tester to confirm static correction.
- If the Tester lights up when you cross into the Trigger Zone, check the fit of the Havahart® Wireless Collar on your dog.
- If necessary, trim your dog's hair where the Probes touch the neck and/or switch to the Long Probes.
- Increase the static correction by one level.

PHASE 3 -- On-Leash Distractions -- DAY 8-11 (2-3 training sessions per day: each 10-15 minutes long)

1. Fit the Havahart® Wireless Collar around your dog's neck. Place a different non-metal collar above the Havahart® Wireless Collar and attach a leash to it. Make sure that this collar does not apply pressure to the Probes on the Havahart® Wireless Collar as this could hurt your dog when you pull on the leash.



2. Using the leash, walk your dog toward the Training Flags. Create a distraction by:

   1. Tossing a toy or treat outside the Trigger Zone.

   2. Having someone walk by and not pay attention to your dog.

   3. Having someone walk his/her own dog outside of the Trigger Zone.

3. If your dog does not move toward the distraction, immediately praise him.

4. If your dog moves toward the distraction, allow him to walk through the Trigger Zone and feel the correction.

5. Gently shake a Training Flag to remind your dog that the flags are associated with the short tone and static correction coming from the Havahart® Wireless Collar.

6. Promptly lead your dog back to the Roaming Area if he does not return within a few seconds and praise him.

7. Repeat this process at several different Training Flags.

8. If your dog does not respond to the static correction, check to make sure that the Havahart® Wireless Collar fits properly (see Page 24). If your dog continues to not respond to the static correction, you may need to increase the static correction by one level or more as necessary.

9. End with lots of playtime and praise for your dog in the Roaming Area at least 10 feet away from the Training Flags.

10. Be sure to remove the Havahart® Wireless Collar from your dog after each training session.

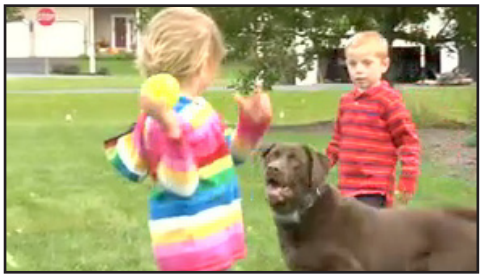
11. You may proceed to PHASE 4 when your dog will not go beyond the Trigger Zone — even with distractions, but will walk anywhere within the Roaming Area.

Training Your Dog

PHASE 4 -- Off-Leash Supervision -- DAY 12-15

Begin with short training sessions 10-15 minutes in length and gradually increase the sessions to an hour or more

1. Do not leave your dog unattended during this phase of training.
2. Fit the Havahart® Wireless Collar around your dog's neck. Place a different non-metal collar above the Havahart® Wireless Collar.
3. Walk around inside the Roaming Area and play with your dog while off the leash.
4. Now focus your attention elsewhere and walk to another part of the yard while keeping an eye on your dog.
5. If your dog crosses into and goes beyond the Trigger Zone, lead him back inside the Roaming Area. Your dog will not be corrected when he comes back into the Roaming Area.
6. Gently shake a flag to remind your dog that the flags are associated with the short tone and static correction coming from the Havahart® Wireless Collar.
7. Repeat the training from Phase 3 with distractions and a leash as necessary.
8. End with lots of playtime and praise for your dog in the Roaming Area at least 10 feet away from the Training Flags.
9. Be sure to remove the Havahart® Wireless Collar from your dog after each training session.
10. You may proceed to PHASE 5 when your dog no longer goes beyond the Trigger Zone — even with distractions, but will walk anywhere within the Roaming Area.



PHASE 5 -- Dog Monitoring -- DAY 16 AND BEYOND

Start with short sessions and gradually increase duration

1. Your dog should now be comfortable within the Roaming Area and reluctant to cross the Trigger Zone with or without distractions.
2. Fit the Havahart® Wireless Collar around your dog's neck. Place a different non-metal Collar above the Havahart® Wireless Collar.
3. Allow your dog to roam freely off leash within the Roaming Area.
4. Keep an eye on him from inside your house.
5. End with lots of playtime and praise for your dog in the Roaming Area at least 10 feet away from the Training Flags.
6. Be sure to remove the Havahart® Wireless Collar from your dog after each training session.

NOTE: After completing the training and three additional weeks of successful dog containment, you can begin to gradually remove the Training Flags by taking away every other flag, every few days.

CONGRATULATIONS TO YOU AND YOUR DOG FOR SUCCESSFULLY COMPLETING ALL PHASES OF TRAINING!

Terms of Use and Limitation of Liability

1. Terms of Use
This Product is offered to you conditioned upon your acceptance without modification of the terms, conditions and notices contained herein. Usage of this Product implies and acknowledges on your behalf acceptance of all such terms, conditions, and notices.

2. Proper Use
This Product is designed for use with dogs as a training aid. Because of the specific personality, temperament, size and age of your dog, this Product may not be appropriate for your dog. Use of this Product is not recommended if your dog is less than six (6) months old, weighs less than eight (8) pounds or if your dog has ever exhibited signs or symptoms of aggressive behavior. You should consult a veterinarian or certified trainer if you have any concerns or questions regarding the suitability of this Product for use on your dog. Proper use of this Product includes, but is not limited to, reviewing the entire Instruction Manual provided with your Product including: warnings, caution statements, important notes and notes.

3. No Unlawful or Prohibited Use
This Product is designed for use with dogs only. This dog training device is not intended to harm, injure or provoke. Using this Product in a way that is not intended could result in violation of Federal, State or Local Laws.

4. Limitation of Liability
In no event shall Woodstream Corporation be liable for any direct, indirect, punitive, incidental, special or consequential damages, or any damages whatsoever arising out of or connected with the use or misuse of this Product. The original purchaser assumes all risks and liability from the use of this Product and agrees, by usage of this Product, to hold harmless and indemnify Woodstream Corporation, their officers, agents, and employees, from any and all liability, loss, damages, costs or expenses which are sustained, incurred, or required arising out of your actions while using this Product.

5. Modification of Terms and Conditions
Woodstream Corporation reserves the right to change, alter, amend, and/or revoke the terms, conditions and notices under which this Product is offered.

FCC
WARNING: Changes or modifications to this device not expressly approved by Woodstream Corporation 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

WIRELESS COLLAR: 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

Industry Canada:
The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. 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.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 5 dB. Antennas not included in this list or having a gain greater than 5 dB are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Acceptable antennas are:
Nearson Collinear Antenna part number S151AH-2450
Skywave Antennas Part number 11-1080B

Caution
The Custom-Shape Havahart® Wireless Dog Fence is neither a physical barrier nor a substitute for traditional obedience training. The system is designed to act as a deterrent to remind dogs by auditory and/ or static correction to remain in the Trigger Zone established. It is important that you reinforce training with your dog on a regular basis. Since the tolerance level to static correction varies from dog to dog, Woodstream Corporation CANNOT and DOES NOT guarantee or warrant that the system will, in all cases, keep a dog within the established Trigger Zone. Not all dogs can be trained to avoid crossing the Trigger Zone! Therefore, if you have reason to believe that your dog may pose a danger to others or harm himself if he is not kept from crossing the Trigger Zone, you should NOT rely solely upon the Custom-Shape Havahart® Wireless Dog Fence to confine your dog. Woodstream Corporation shall NOT be liable for any property damage, economic loss or any consequential damages sustained as a result of any animal crossing the Trigger Zone.

Warranty Information

Custom-Shape Havahart® Wireless Dog Fence 10 Year Parts & 12 Month Labor

LIMITED WARRANTY TO ORIGINAL PURCHASER

Woodstream Corporation warrants its products to be free from defects in materials and workmanship for the warranty period from the purchase date. Activate your warranty online at www.HavahartWireless.com or return the completed form included with your product.

All parts are covered under warranty for ten (10) years from the date of purchase by the original purchaser and labor is covered for a period of one year (and under no circumstances to exceed a period of 365 days) from the date of purchase by the original purchaser. Thereafter, a service charge may apply for the repair or replacement of the product. This warranty DOES NOT cover any accessories.

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States by the original purchaser. To receive warranty service, the purchaser must first contact Woodstream Corporation for problem determination and service procedures. Please have the product available when discussing your experience.

If Woodstream Corporation determines that this product needs to be returned, Woodstream Corporation will issue a Return Goods Authorization (RGA) number. The defective unit or parts must be returned to Woodstream Corporation, or specified authorized agent, for warranty inspection with the RGA number labeled on the outside of the package within (10) days of return authorization date. Products returned without authorization will be refused.

Woodstream Corporation will repair or replace this product, at Woodstream Corporation's option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of Woodstream Corporation or authorized agent. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

Limitations and Exclusions:

This product is neither a physical barrier nor a substitute for traditional obedience training. Due to variances in canine personality, temperament, size, and age, as well as due to potential influences on your dog outside of Woodstream Corporation's control, Woodstream does not guarantee or warrant the effectiveness of this product.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product, and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by Woodstream Corporation which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED AND DESCRIBED ABOVE, AND NO WARRANTIES WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY AFTER THE EXPRESS WARRANTY PERIODS STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON WOODSTREAM CORPORATION. WOODSTREAM CORPORATION SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF WOODSTREAM CORPORATION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST WOODSTREAM CORPORATION BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY WOODSTREAM CORPORATION AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE OR INABILITY TO USE THIS PRODUCT SOLD BY WOODSTREAM CORPORATION NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF WOODSTREAM CORPORATION. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CONTACTING WOODSTREAM CORPORATION:

To obtain product assistance or warranty service for your product, please choose one of the following:

1. Online Troubleshooting Assistance at www.HavahartWireless.com
2. Email Consumer Care at consumercare@woodstream.com
3. Call Consumer Care at 800-800-1819, Option 1

Planning Guide

DO NOT RETURN THIS PRODUCT TO THE STORE FOR ANY REASON.

CONTACT HAVAHART® WIRELESS DIRECTLY!
CALL 1-800-800-1819, Option 453.

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Lititz, PA 17543 | 1-800-800-1819

www.HavahartWireless.com