

Bluefang[®]

All-In-One Smart Phone Controlled Super Collar



Instruction Manual



The Most Ingenious Pet Products on the Planet!

US and International Patents Pending

The Only pet collar that gives you:



Remote Training



Bark Control



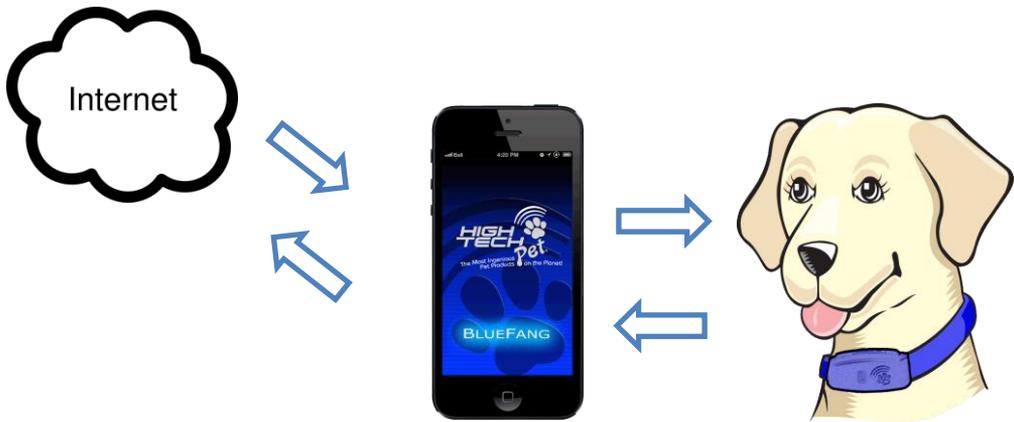
Containment



Fitness Tracking

All controlled with your smart phone

Your new Bluefang® super collar provides all in one training, bark control, fitness and activity tracking. Models BF-22 and BF-25 also have electronic fencer capability. All these features are controlled by your smart phone. Your collar also has firmware update capability that continuously keeps your collar current with the latest features and improvements.



What is firmware? It's the computer program inside your collar that controls its inputs and outputs. Because of its unique and powerful ability to receive new firmware, your Bluefang® collar and app will change and improve over time giving you features and functions that are not yet described in this manual. However, you will always be informed about improvements to your system on the app's opening "What's New" screen which is a live feed from our web server.

Bluefang® is the only pet training collar that has the ability to be reprogrammed to use its onboard hardware in new, imaginative ways bringing you new functions and features as they are developed by the geniuses at High Tech Pet.

INTRODUCTION

Bluefang collars are the most advanced and useful dog training collars made. They bring you “All-In-One” capability to train your dog, correct unwanted barking and monitor fitness and activity level. The BF-22 and BF-25 models also have a built in low frequency radio receiver that works with any High Tech Pet electronic fence transmitter to safely contain your dog in your yard. All this is conveniently controlled by your iPhone or Android phone.

To begin, here are some helpful facts you should understand before you begin. Bluefang collars use the world’s most powerful Bluetooth transceiver to give you up to a 400 ft. range. This is the “line of sight” range of the collar. If there are large obstacles between you and your dog or if there are other radio transceivers or power lines in the training area, this range will be reduced.

Bluetooth is a one-to-one transceiver protocol. That means you can communicate with one collar at a time. However, the Bluefang app is aware of all available collars within its range and you may switch between collars quickly to train several dogs at once. Once your collar is paired with your phone, other phones within range will not detect the collar. That collar will remain invisible to other phones until you release it by switching to another collar or by closing the app.

The Bluefang app allows you to set up a custom configuration tailored to your dog. This includes; collar name, custom commands, stimulus profile, bark control profile and more. Once configured, this information is stored in the collar so you may connect with other phones without having to reconfigure the collar.

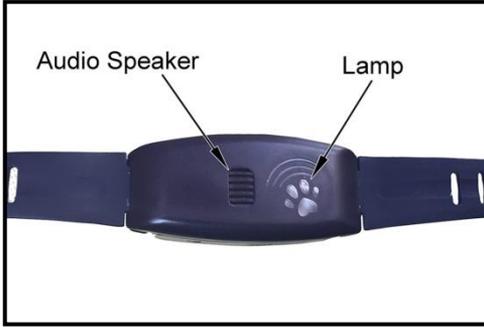
Bluetooth Command Indicator

Each time a command is received by the collar, it’s illuminated logo lights up letting you know the signal has been received.



Logo lights up when it receives a command

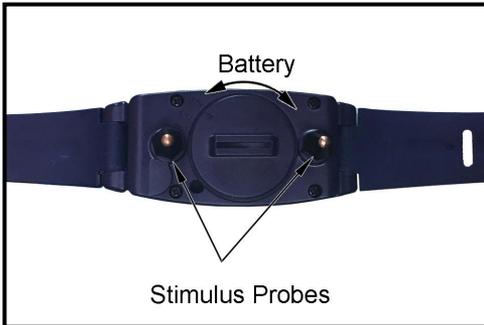
COLLAR FEATURES



Front

Speaker: Collar contains high fidelity audio speaker for generating unique training tones that may be associated with specific commands.

Lamp: Paw Logo flashes on power up and whenever the collar receives a command from your smart phone.



Back

Stimulus Probes: Solid copper probes deliver harmless static training stimulus.



Battery: Battery module functions as a rotary switch. Clockwise = On, Counterclockwise = Off, rotating Fully Counterclockwise allows removal of the battery.

ADJUSTING THE COLLAR STRAP



The strap should be adjusted to a length that is snug but will allow you to comfortably put two fingers between the stimulus probes and your dog's neck. Adjusting the collar strap is simple but, tricky in that the slider will not move without first sliding out the top strap layer. Slide the top strap layer out of the slider then adjust the strap to desired length using the male buckle end. Move the slider close to the male buckle and insert the top strap layer through the slider. This will prevent the slider from moving.

IMPORTANT NOTE: Your Bluefang collar is not intended to be used as a restraining collar.

TURNING ON YOUR COLLAR AND REPLACING THE BATTERY

The collar battery also functions as an on/ off switch. Turn on your collar by rotating the battery module clockwise. The battery acts as a 3 position switch. The positions are ON, OFF and REMOVE. From the ON position, rotate counter-clockwise to turn it OFF. Rotate one more click counter-clockwise to remove. To conserve battery life we recommend you turn the battery to the OFF position

when the collar is not in use. To install a new battery align the arrow on the battery with "Remove" text. Then, turn clockwise to "Off" or "On" position. The logo will blink and the collar will beep when it successfully powers up.

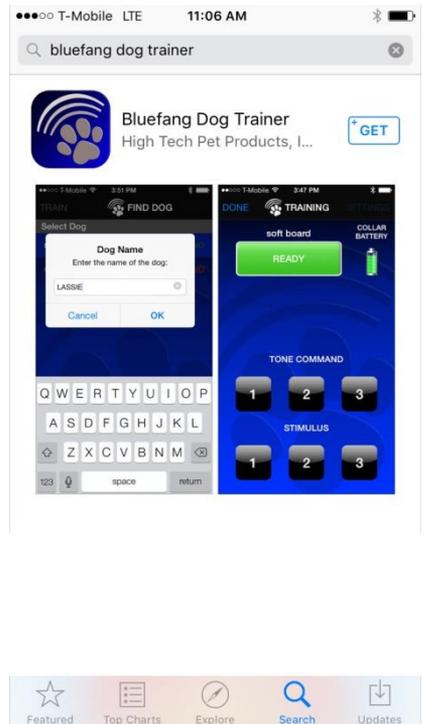


DOWNLOAD THE APP

- From Google Play Store or Apple App Store, search “Bluefang Dog Trainer”. Download the free app to your phone.



Play Store



App Store

Launch the app



Launch the app by clicking the app icon on your phone.

OPENING SCREEN (WHAT'S New)

The app will display a very brief splash screen while loading. It will then open to the "WHAT'S NEW" screen. This is a live feed from our server. Notes on product updates, access to online instructional videos and help links as well as links to our website are displayed on this screen. This real-time publishing tool is a powerful way to keep in contact with our users and provide instant up to date information in real time. The look and feel of this screen will change over time to bring you the latest news features and updates.

Note that Android and iPhone apps perform similar functions but display differently.



iPhone

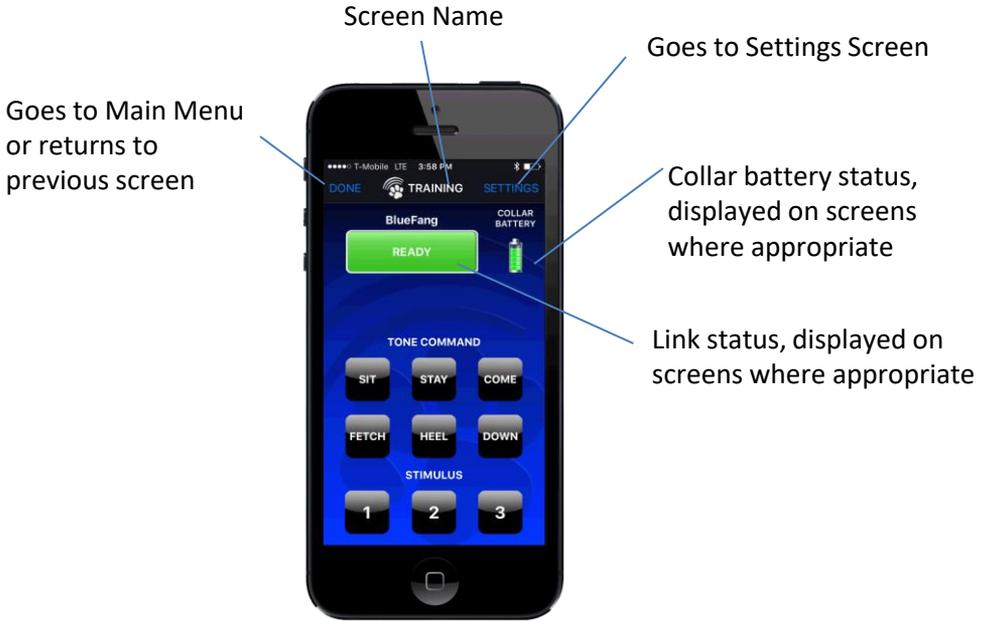


Android

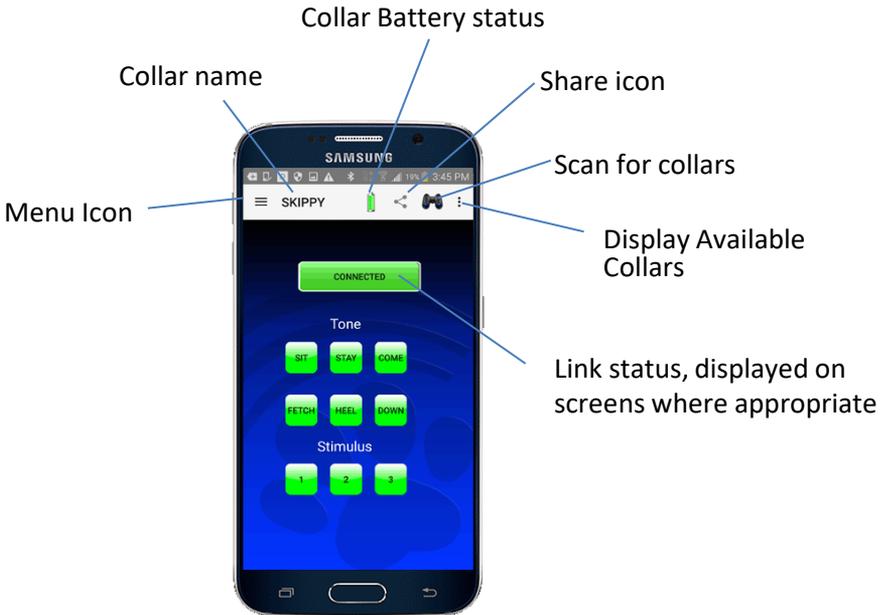
Live web feed. This screen will change to bring you the latest news, updates and features.

APP HEADER BARS

Once connected to a collar, your phone will display the following header on most screens.



iPhone



ANDROID

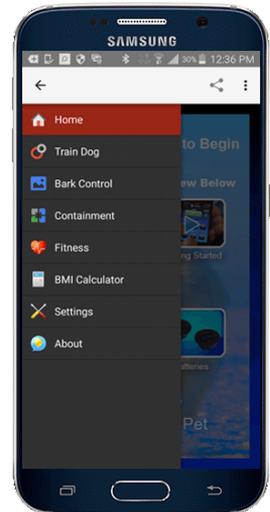
NAVIGATING TO THE MAIN MENU

“Main Menu” link opens “Main Menu” screen



iPhone

Menu icon opens slide out menu



Android

CONNECTING FROM iPhone

1. From the “MAIN MENU”, navigate to any screen.



2. Press the “SETTINGS” link



“FIND DOG” screen displays a list of available collars.



On your first connection, the collar is displayed with the default name “Bluefang” followed by a unique ID number.

Note that if a collar is already linked to another phone it will not appear in the list.

3. Select a collar from the list and press the “Connect” button.

Screen will now show the selected collar “CONNECTED”.



CONNECTING FROM ANDROID

Note that the Android operating system is still evolving their real time Bluetooth connectivity. This has greatly improved over the last few years and is still getting better. However, from time to time you may lose the link to your collar requiring you to close and re-open the app or, in some cases you may need to reboot your phone.

First, Make sure your collar is turned on with a good battery.



1. Press the Find Collars icon (binocular) icon to search for collars

2. Press the Collar List icon (3 vertical dots) to display a list of available collars.

3. Select a collar from the list. Dropdown menu displays list of available collars.

“Virtual Collar” is always displayed. It lets you operate audible training tones emitted by your phone without a Bluefang collar.

On your first connection, collars are displayed with the default name “Bluefang” followed by a unique ID number. **Note that if a collar is already linked to another phone it will not appear in the list**

Note: If link is lost during use and does not automatically restore within 5 seconds, close and re-open the app. Then, repeat steps 1 - 3

NAMING YOUR COLLAR FROM iPhone

1. From the Main Menu navigate to any screen.



2. Press the "SETTINGS" link



3. Press the "Edit Name" button



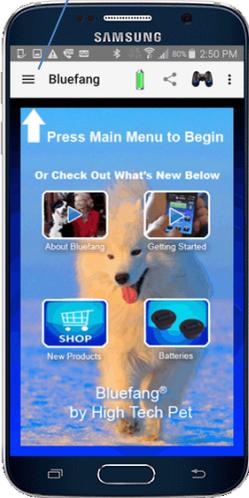
4. Enter the desired collar name and press "OK"



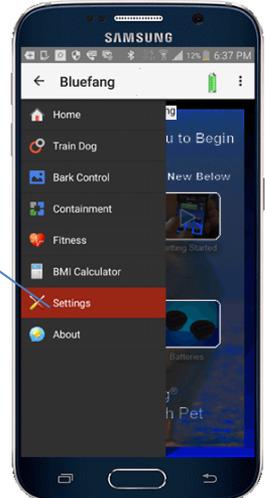
NAMING YOUR COLLAR FROM ANDROID

You can give each collar a unique name that will be stored in the collar and read by any connecting phone

1. Press Menu Icon



2. Select "Settings" From the slide out menu



3. Select the "Labels" tab



4. Enter the desired name



5. Click the "Next" button until the keyboard disappears

NAVIGATING TO THE TRAINING SCREEN

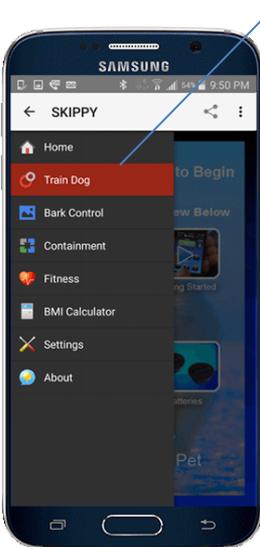
From the “Main Menu” select “Train My Dog”.



iPhone



From the slide out menu, select “Train Dog”



Android



CUSTOMIZING iPhone COMMANDS

Your Bluefang system gives you 6 command tones that are each associated with a specific command. You can customize each of these commands to teach you dog the specific commands you choose.

1. From the TRAINING screen press the SETTINGS link



2. From the FIND DOGS screen press "Edit Commands"



3. Touch the command you want to change



4. A keypad will pop up. Enter your new command and press "return"



5. Press "Save"

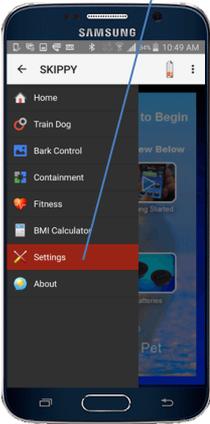


On the TRAINING screen, your new command will appear as a TONE COMMAND button

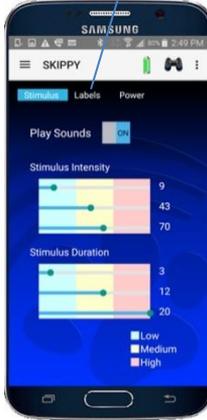


CUSTOMIZING ANDROID COMMANDS

1. From the Slide Out Menu select "Settings"



2. Press the "Labels" Link.



3. Touch the command you want to change.



4. From the pop-up key pad, enter the desired command



5. Press "Next" twice to exit.

On the "Train Dog" screen, your new command will appear as a TONE COMMAND button



CUSTOMIZING iPhone TRAINING STIMULUS

1. From the "MAIN MENU" select "Train My Dog".



2. Press the "SETTINGS" link.



3. Press the "Setup Stimulus" button



4. Use sliders to adjust static "STIMULUS INTENSITY" corresponding to the "STIMULUS" buttons 1 - 3 on the "TRAINING" screen. Adjustment is 0 -100\$



5. Press the "Next" button

6. Use sliders to adjust static "STIMULUS DURSTION" corresponding to the "STIMULUS" buttons 1 – 3 on the "TRAINING" screen. duration units is seconds.



6. Press the "BACK" link twice to return to the "TRAINING" screen

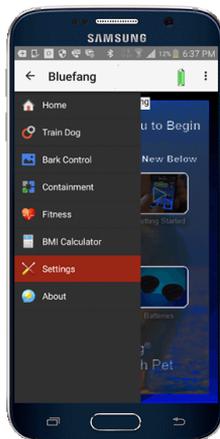
CUSTOMIZING ANDROID TRAINING STIMULUS

Setting Up Your Custom Stimulus Profile: The Bluefang collar gives you a range of sonic and static training stimuli. You can use the default Stimulus Profile, or proceed with the steps below to set up a custom profile tailored to your dog's individual temperament.

1. From any screen, press “Menu” Icon



2. Select “Settings”
From the slide out menu



3. Set up desired stimulus “Intensity” and “Duration”

Mild (green) range provides **painless** tactical sensation. Used to get your dog's attention.

Medium (yellow) range is uncomfortable. Used to stop unwanted digging, jumping, chewing, etc..

Intense (red) range is painful. Used only to stop dangerous behavior.



“Play Sounds” switch enables training sounds on your phone.

Sliders, corresponding to the static “STIMULUS” buttons on the “TRAINING” screen, let you adjust stimulus intensity from 0 to 100% .

Duration sliders let you adjust the amount of time each static stimulus lasts from .1 to 3 seconds. . Time show is in tenths of seconds. (“12” = 1.2 seconds.)

TRAINING YOUR DOG

The Bluefang super collar uses High Tech Pet's unique STAR (Stimulus Tone And Reward) training system that applies audible tones and harmless static stimulus to quickly train your dog desired behaviors and break unwanted habits..

Unique Training Tones. Each button triggers a tone at the collar.



Static Stimulus buttons. Recommended to set up stimulus of 1 = Mild, 2 = Medium, 3 = Intense. This provides a comprehensive tactile stimulus.

STAR® TRAINING SYSTEM

(Stimulus Tone And Reward)

Created by High Tech Pet in collaboration with some of the nation's leading animal behaviorists and professional animal trainers, our new STAR dog training system uses a simple 3 step process based on Pavlovian principles that uses specific tones to trigger desired behavior and negative stimulus to deter unwanted behavior.

TEACHING POSITIVE BEHAVIORS:

The process is simple. The tone is played when demonstrating the behavior and again when rewarding the dog for performing the behavior. When teaching the "Sit" command, for example, a specific tone is played along with a verbal command. You then show your dog the desired behavior by manipulating him into a sitting position. Hold a treat at your dog's nose then raise your hand while stepping forward. Your dog will naturally move into a sitting position. Play the tone once more while playing the tone and giving him the treat, also say "Good Dog" and show affection. The tone will anchor the behavior in your dog's memory while associating the behavior with the good feelings of the treat and of your affection. You will find that this method work remarkably faster than conventional training techniques with long lasting results.



Steps to Teach Positive Behaviors:

1. Play tone while speaking command
2. Demonstrate the behavior
3. Play tone while offering reward.

1. Play Tone with Verbal Command



2. Demonstrate Behavior
(For "Sit", manipulate the dog into a sitting position.)



3. Play Tone and Give Reward



Once Your Dog is Trained, Tone Commands May Be Sent From up to 400 ft. Away.

CORRECTIVE STIMULUS

Corrective stimulus can be useful, even essential in effective dog training and in most cases, need not be painful to your dog. Electronic Dog Training Collars. High Tech Pet Collars provide stimulus that is divided into painless, moderate and strong levels.



MILD CORRECTIVE STIMULUS

Provides a painless tactile sensation to redirect unwanted behavior with a positive command. For example, if your dog is jumping, give a stern "Stop" command along with a low level stimulus. Then follow with a "Sit" command and the tone you have taught your dog to associate with "Sit".

Steps to Stop Unwanted Behaviors:

1. Speak the "No" command
2. Apply LOW LEVEL stimulus.
3. Speak a positive command while playing associated positive tone.



MEDIUM CORRECTIVE STIMULUS

If your dog persists in the unwanted behavior, you may follow up with a medium level stimulus. This level is strong enough to create discomfort. Then follow up with a positive command. Always use the low level stimulus first. In time even a stubborn dog will learn to respond to the painless stimulus, knowing that a stronger correction will follow.



STRONG CORRECTIVE STIMULUS

The higher level correction should be reserved for only those cases where your dog's behavior threatens his safety or the safety of others. Examples include chasing cars or people. With proper use and consistency you will find that use of the higher level stimulus is rarely necessary and that the "Low Level" stimulus provided on all our electronic training collars is all that is necessary to deter unwanted behavior.

BARK CONTROL

Navigating to the Bark Control Function

iPhone

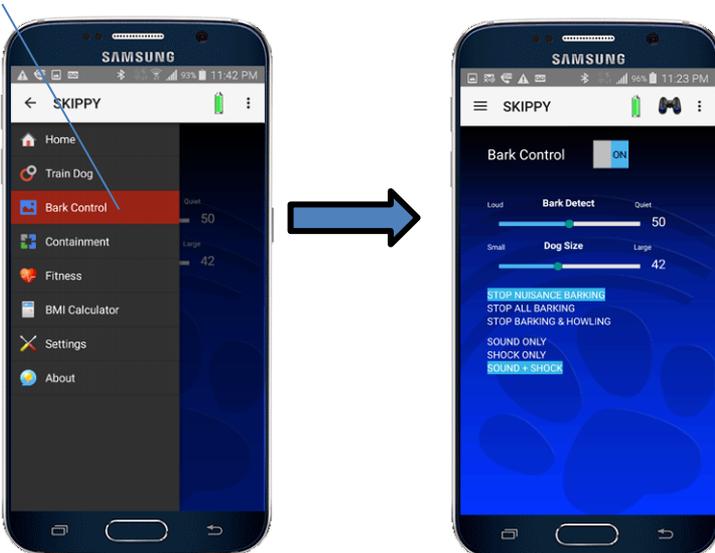
From the “MAIN MENU” press “Stop My Dog’s Barking”



Press “SETTINGS” to go to Settings Screen shown on the next page

Android

From the Slide Out menu press “Bark Control”



iPhone BARK CONTROL SETTINGS

BARK SCREEN

On/ Off Switch

“SETTINGS” link
navigates to “SETTINGS”
Screen



3 Sensing Modes

3 Stimulus Output Modes

SETTINGS SCREEN

Returns to “BARK” Screen

Resets to factory
default settings

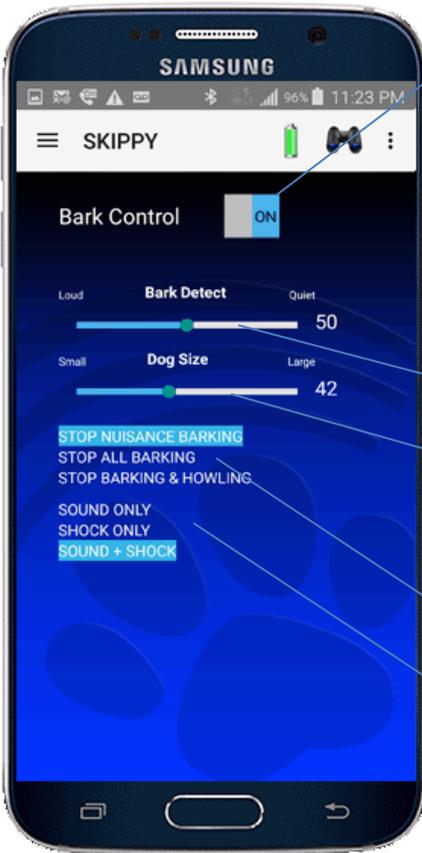


Adjust to the loudness of
your dog’s bark

Adjust to your dog’s relative size

ANDROID BARK CONTROL SETTINGS

Android app controls settings and modes on the same screen



On/ Off Switch

“Bark Detect” and “Dog Size” settings allow you to tune the collar to your dog’s individual voice. Output modes give you a choice of corrective stimuli.

Adjust for the relative loudness of your dog’s bark

Adjust for your dog’s relative size

3 Sensing Modes

3 Stimulus Output Modes

ELECTRONIC FENCE

Switching on “Containment” enables the auxiliary, low frequency radio receiver that is responsive to all High Tech Pet brand electronic fence transmitters. The Bluefang collar uses High Tech Pet’s exclusive ***Pulsed Proportional Stimulus*** system that starts out mild and automatically increases stimulus as your dog approaches the boundary wire.

iPhone

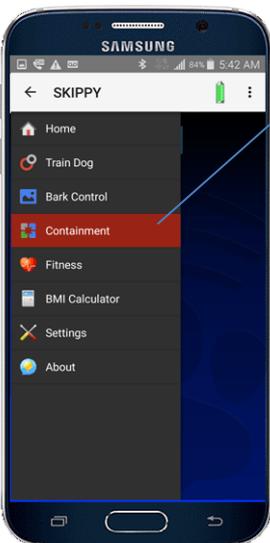


From the “MAIN MENU” select “Contain My Dog”



Switch on “Containment”

Android



From the Slide Out menu select “Containment”



Switch on “Containment”

BARK SENSING MODES

Bluefang collars use audible sound plus static stimulus which both start out mild and progressively increase as your dog's barking persists. This has proven to be among the most effective and humane bark control techniques.

MODE

STOP NUISANCE BARKING

STOP ALL BARKING

STOP BARKING & HOWLING



“STOP NUISANCE BARKING” mode stops normal barking but, allows the more urgent intruder and alarm barking.

MODE

STOP NUISANCE BARKING

STOP ALL BARKING

STOP BARKING & HOWLING



“STOP ALL BARKING” mode stops all barking with a sophisticated sensing algorithm rejects stray noise and triggers only on barking.

MODE

STOP NUISANCE BARKING

STOP ALL BARKING

STOP BARKING & HOWLING



“STOP BARKING AND HOWLING” mode triggers on both barking and howling.

ACTIVITY TRACKING

The Bluefang super collar's sensors continuously track your dog's activity throughout the day. Data is transferred to the collar automatically when the Fitness function is selected and the collar is in range. Your dog's activity record may be displayed by day, week, month or year. The iPhone app displays data as a pie chart. The Android app gives you a pie chart and a bar chart.

iPhone

The iPhone app captures physical activity and displays as a pie chart by day, week, month or year.



Android

The Android app captures your dog's physical activity and allows you to display it in bar chart and pie chart format by hour, day, week, month and year.

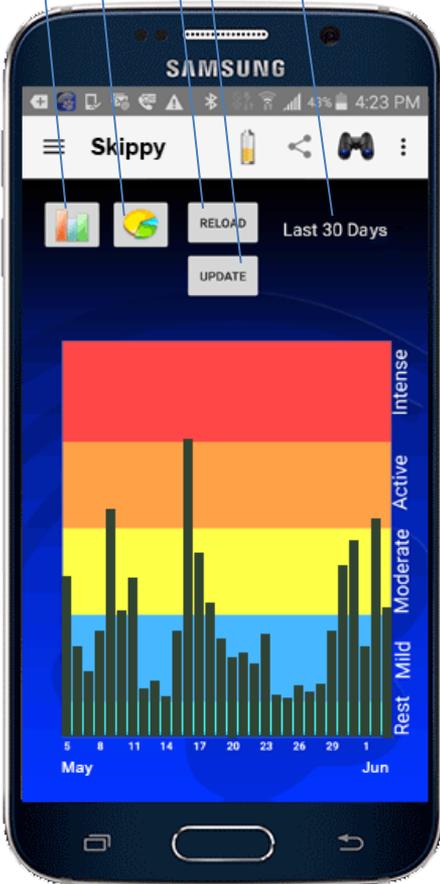
Display bar chart

Display pie chart

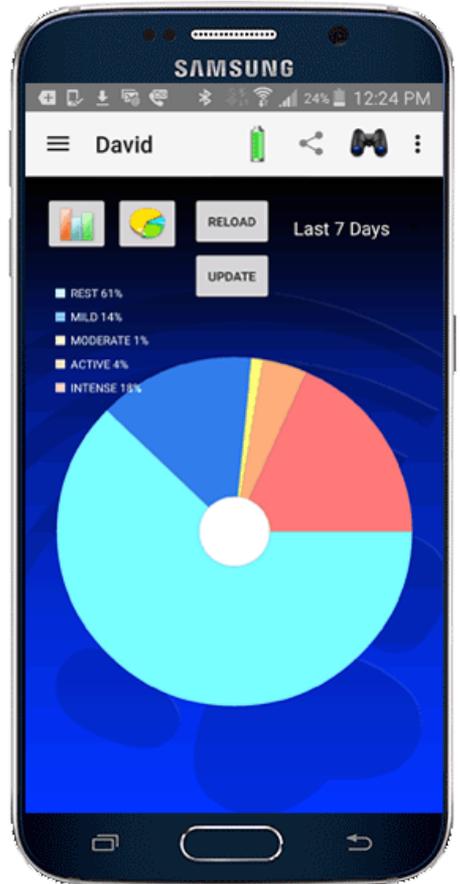
Reload all collar data

Upload new data

Select Date Range



BAR CHART: Average activity level per given time segment



PIE CHART: Percent of time spent at indicated activity level.

BMI CALCULATOR

An on-board Body Mass Index calculator assesses your dog's fitness level. Dog's with BMI above normal need to increase exercise level. Activity tracker may be used to increase, maintain or decrease exercise level depending upon your dog's BMI.



iPhone

Select breed from dropdown menu

Select gender

Enter your dog's weight

Enter your dog's height (measured from ground to shoulder)

Your dog's BMI

Your dog's fitness

Normal range for your dog's breed, gender and height



Android

POWER MANAGEMENT

Three power modes are provided to allow you to optimize the life of your battery.

iPhone

From the main menu go to “Train My Dog” then click the “SETTINGS” link and press the “Edit Commands” button



Android

From the slide out menu go to “Settings” and Select “Power”



POWER MODES:

OFF: No Power Save feature is used. All functions are on at all times. This mode uses the most power.

ON: This mode uses the on board accelerometer to turn off all functions, except the Bluetooth transceiver, when the dog is at rest. This is a very efficient power mode and is the recommended normal operating mode.

ON & BLE OFF: This mode turns off all functions including the Bluetooth radio. That means that the collar will not automatically connect to your phone when your dog is at rest. The collar has to experience some amount of movement before your phone will detect it. This mode uses the least energy.

FIRMWARE UPDATE SCREEN



iPhone



Android

One of the most unique and useful features of your Bluefang collar is something you won't notice right away. However, it will allow your collar to grow and change with new features and functions as they become available from the developers at High Tech Pet. When your collar connects, the app checks the collar to make sure it has the latest firmware. If there is a newer one available, the app will ask if you wish to download it. The app will then get the latest firmware from our online server and wirelessly transfer it to the collar. Don't be surprised if you notice new and useful features that take advantage of the advanced hardware in your Bluefang collar. This feature works on both Android and iPhone.

IMPORTANT CAUTION NOTES:

Aggressive Dogs: Do not use the corrective stimulus feature on dogs known to be or could become aggressive. Note that animals are unpredictable. You should be aware of your dog's temperament and use only the mildest stimulus at first to make sure your dog does not react aggressively to the stimulus.

Skin Irritation: Although, it is impossible for the stimulus of a Bluefang collar to cause any skin or organ damage, any collar with probes can cause skin irritation in a small percentage of dogs which, if left unchecked can lead to infection. Check your dog's neck daily for redness or sores.