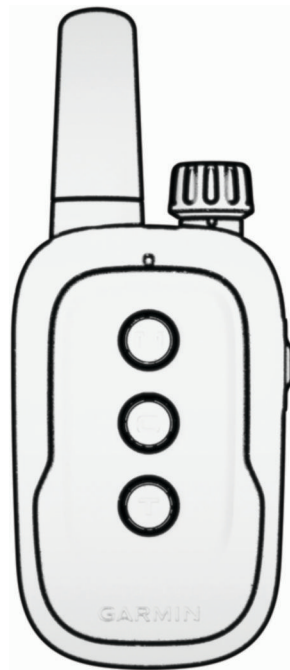


GARMIN®



DELTA[®] SE

Owner's Manual

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Getting Started

WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Setting Up the Delta SE System

Before you can use the Delta SE system, you must set up the devices.

- 1 Attach the dog collar device to the collar strap (*Attaching the Dog Collar Device to the Collar Strap*, page 4).
- 2 Charge the handheld device (*Charging the Handheld Device*, page 5).
- 3 Charge the dog collar device (*Charging the Dog Collar Device*, page 6).
- 4 Turn on the devices (*Turning On the Devices*, page 6).
- 5 If necessary, pair the dog collar device with the handheld device (*Pairing a Dog Collar Device with the Handheld Device*, page 7).

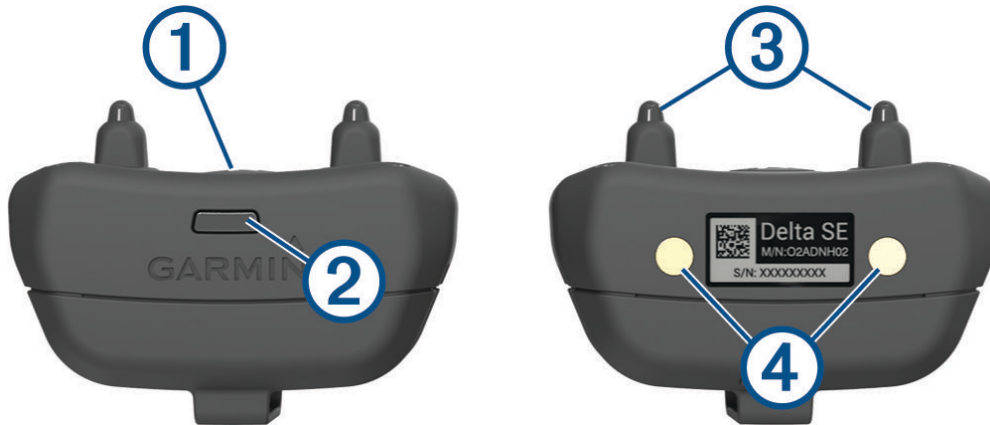
Device Overviews

Delta SE Handheld Device



①	Radio antenna
②	Intensity level selection knob
③	Status LED
④	Dog collar device selection switch
⑤	Momentary stimulation training button
⑥	Continuous stimulation training button
⑦	Tone training button

Delta SE Dog Collar Device



①	Power button
②	Status LED
③	Contact points
④	Charging clip contacts

Attaching the Dog Collar Device to the Collar Strap

1 With the buckle ① facing outward, insert the end of the collar strap through the slot ② on the collar device.



2 Pull approximately two-thirds of the collar strap through the slot.

3 Insert the end of the collar strap through the slot ③ on the front of the device.

4 Insert the end of the collar strap through the slot ④ on the opposite side of the device.

5 Pull the strap until it is tight across the front of the device.

Charging the Handheld Device

NOTICE

To prevent corrosion, thoroughly dry the USB port, the weather cap, and the surrounding area before charging or connecting to a computer.

You should fully charge the battery before you use the device for the first time or whenever the battery is low ([Checking the Battery Level of the Handheld Device, page 14](#)). It is normal for the battery to discharge in approximately 1 year when the device is not in use. Charging a fully depleted battery takes about 2 hours.

NOTE: The device is not functional while charging. The device will not charge when it is outside the charging temperature range ([Delta SE Handheld Device Specifications, page 14](#)).

- 1 Lift the weather cap ①.



- 2 Plug the small end of the power cable into the USB port ② on the device.
- 3 Plug the other end of the power cable into a power source.
The status LED is solid red when the device is charging. The status LED flashes red when the device cannot charge. Unplug the device and try again.
- 4 After the status LED turns solid green, unplug the power cable from the device.

Charging the Dog Collar Device

NOTICE

To prevent corrosion, thoroughly dry the contacts on the collar and the surrounding area before connecting the charging clip.

Before you put the collar on the dog, remove the charging clip. If you do not remove the clip, it may become detached from the collar and become lost.

You should fully charge the battery before you use the device for the first time. Charging a fully depleted battery takes about two hours. The device will not charge when it is outside the charging temperature range (*Delta SE Dog Collar Device Specifications, page 14*).

- 1 Snap the charging clip ① onto the device.



- 2 Plug the small end of the power cable into the USB port ② on the charging clip.
- 3 Plug the other end of the power cable into a power source.

The status LED is solid red when the collar is charging.

- 4 After the status LED turns solid green, remove the charging clip from the collar.

NOTE: The dog collar device returns to factory default settings each time it is charged or turned off.

Turning On the Devices

- Connect the handheld device to the charging cable and plug it into a power source to turn it on for first-time use (*Charging the Handheld Device, page 5*).
After it has been connected for charging the first time, the handheld device is always on.
- On the dog collar device, hold the power button until the status LED flashes and the collar beeps.

Turning Off the Devices

- The handheld device cannot be turned off.
- On the dog collar device, hold the power button until the status LED turns green and the collar beeps.

Pairing a Dog Collar Device with the Handheld Device

You can pair two dog collar devices with a single handheld device. Both dog collar devices must be paired with the handheld device before they can be used.

NOTE: If your handheld device and dog collar device were included in the same package, the devices are paired from the factory.

- 1 Turn on the dog collar device.
- 2 On the handheld device, slide the dog collar device selection switch up or down.
The dog collar device will be associated with the selected position of the switch.
- 3 On the dog collar device, hold the power button.
You must continue to hold the power button during the pairing process.
The status LED turns green and the device beeps. After five seconds, the device beeps again.
- 4 After the second beep, press a training button on the handheld device.

The dog collar device turns off and beeps to indicate that the devices paired successfully.

Short beep	Devices paired successfully
Long beep	Devices did not pair

TIP: If the devices did not pair successfully, you should verify the batteries in both devices are fully charged.

Selecting a Dog Collar Device

Before you can select and control a dog collar device, you must pair the dog collar device with the handheld device ([Pairing a Dog Collar Device with the Handheld Device, page 7](#)).

Slide the dog collar device selection switch up or down.

The training buttons control the selected dog collar device.

Dog Training

NOTICE

You should research and investigate the training methods best suited for you, your dog, and your needs. This manual provides some basic guidelines for training, but each dog has unique training needs.

When used properly, the Delta SE training system is a very effective training tool to aid your dog in reaching its full potential. The use of the training system should be part of an overall training program.

Begin training your dog on a leash, without the Delta SE training system. You should train your dog how to heel, sit, and come to you. After the dog understands these three basic commands, you can begin training with the dog collar device and the leash. Finally, when the dog consistently obeys commands using the leash and collar, you may be able to remove the leash to train with only the dog collar device.

Selecting and Installing the Contact Points

CAUTION

To prevent irritation from the contact points, remove the collar for at least eight hours out of every 24-hour period.

Do not spray the device or collar with harsh chemicals including but not limited to flea or tick spray. Always ensure that any flea or tick spray that is applied to the dog is completely dry before placing the collar on the dog. Small amounts of harsh chemicals can damage the plastic components and collar strap.

For best results, select the correct contact points based on your dog's coat.

- 1 Select the correct contact point length for your dog's coat type:
 - For dogs with thicker coats, use the longer contact points.
 - For dogs with shorter coats, use the shorter contact points.
- 2 If necessary, use the included wrench to remove the contact points.
- 3 Twist the contact points into the collar.
- 4 Tighten with the included wrench, but do not overtighten.

When you put the collar on the dog, make sure the contact points are tight against the neck.

Fitting the Collar on Your Dog

⚠ CAUTION

To prevent irritation from the contact points, remove the collar for at least eight hours out of every 24-hour period.

This device is not intended for human use. Do not attempt to use on any person.

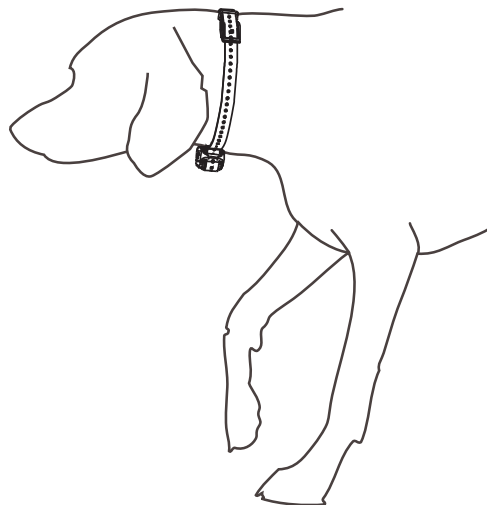
Do not spray the device or collar with harsh chemicals including but not limited to flea or tick spray. Always ensure that any flea or tick spray that is applied to the dog is completely dry before placing the collar on the dog. Small amounts of harsh chemicals can damage the plastic components and collar strap.

In order to effectively train the dog, the collar and device must fit the dog properly. If the collar is too loose or positioned incorrectly, stimulation may be inconsistent. This can delay or prevent successful training.

1 Position the device at the front of the dog's neck, with the status LED facing toward the dog's chin and the contact points against the throat.

2 Tighten the strap so that it is very snug around the dog's neck, and fasten the buckle.

NOTE: The collar should fit tightly and should not be able to rotate or slide on the dog's neck. The dog must be able to swallow food and water normally. You should observe your dog's behavior to verify that the collar is not too tight.



3 Wiggle the device to work the contact points through the dog's coat.

NOTE: The contact points must have contact with the dog's skin to be effective.

4 If the strap is too long, cut off the excess, leaving at least 8 cm (3 in.) to spare.

TIP: You can mark the hole used to fasten the buckle for future reference.

Training Intensities and Methods

You can use several methods to train your dog. The Delta SE system provides 10 stimulation intensity levels, which increase sequentially from 1 to 10.

Momentary stimulation: Applies a brief stimulation when you press the training button, regardless of how long the button is pressed.

Continuous stimulation: Applies stimulation to the dog the entire time you press the training button, for a maximum of 8 seconds. Your stimulations should typically be much shorter than 8 seconds.

Tone: Activates an audible tone the entire time you press the training button, for a maximum of 8 seconds. A tone can be used as either a positive or negative training cue, depending on your training program.

Vibration: Applies vibration instead of stimulation to the dog when you press a training button, for a maximum of 8 seconds. The effectiveness of vibration may vary based on the dog's temperament and experience. You can use vibration by setting the intensity level selection knob to V.

Choosing the Correct Intensity Level

- 1 Set the intensity level to 1 (*Changing the Intensity Level, page 10*).
- 2 Press a training button.
- 3 Observe the dog for a reaction, such as a head shake, neck movement, or just a change in expression.
Sometimes dogs will vocalize due to the surprise of the electrical stimulation. If the dog vocalizes more than once, the intensity level is too high for beginning training.
- 4 If there is no reaction, increase the intensity level by one level until the dog has a slight but recognizable reaction to the stimulation.

The intensity level that causes a slight but recognizable reaction is your dog's baseline level for beginning collar training. You do not need to, and should not, apply this intensity selection test again.

After you begin training, the dog's performance guides your intensity selection. As the dog advances in training, you may need to change the level depending upon the training situation.

Changing the Intensity Level

- 1 Select a dog collar device using the selection switch (*Selecting a Dog Collar Device, page 7*).
- 2 Turn the knob to increase or decrease the intensity level.
You can also set the intensity knob to V to use vibration instead of stimulation.

Basic Training Commands

You should begin training your dog with a few basic commands without using the Delta SE training system to correct the dog. You should train the three basic commands in the following order: "heel," "sit," and "here."

During initial training, you should put the dog collar device on the dog, but the device should be turned off. This allows the dog to get used to the device before you start using it to correct the dog. This also helps to prevent "collar-wise" behavior (*Preventing Collar-Wise Behavior, page 12*).

Initially, you should keep the training sessions short and only train one command during a session. This way, the dog is less likely to become confused and training should progress more quickly. Pay close attention while training the dog, so you can begin to learn when to go faster or slower, and when to take a break.

With plenty of repetition, consistency, patience, and a lot of praise, the dog should begin to obey these commands after several lessons. Each dog learns at a different rate, and some dogs may take longer to learn these commands. After the dog demonstrates a basic understanding of these commands while on a leash, training with collar stimulations can be introduced, while keeping the dog on the leash.

Training to Heel

Before you begin training, put a leash on the dog, and select an area with minimal distractions.

The first command that you will teach the dog is the "heel" command.

- 1 With the dog at your side on a leash, command the dog to "heel," and begin walking forward while gently pulling on the leash.
- 2 If the dog gets in front of you, repeat the command "heel," and move in another direction or pull back on the leash.
- 3 If the dog starts to lag behind you, lightly tug on the leash to bring the dog back to your side.

Reward the dog with praise when the dog obeys the command.

Training to Sit and Stay

Before you begin training, put a leash on the dog, and select an area with minimal distractions. Before you train to sit and stay, you should first train to heel.

The actual command is "sit," and the "stay" command is implied. When you command the dog to sit, the dog should stay until you indicate otherwise.

- 1 Begin training this command walking the dog on a leash in the heel position.
- 2 Stop walking, pull up on the leash, and command the dog to "sit."
- 3 Maintain steady pressure on the leash until the dog obeys the command.
- 4 If the dog does not obey and seems confused, gently push down on the dog's back above the flank, to make the dog sit.

Reward the dog with praise when the dog sits and stays.

Training to Come Here

Before you begin training, put a leash on the dog, and select an area with minimal distractions. Before you begin training the dog to come "here," you should first train the dog to "heel" and "sit." Also, you may need to use a long leash to effectively train "here."

Teaching your dog to come here is the most important command. The "here" command allows you to maintain control of your dog and can be used to call your dog away from a potentially dangerous situation. This command must be taught properly.

- 1 With the dog in a sitting position, move away to the end of the leash.
- 2 Command the dog to come "here" while gently tugging on the leash.
- 3 Reward the dog with praise as soon as the dog begins to move toward you.
- 4 If the dog begins to veer away, gently tug on the leash, and repeat the command to come "here."

The dog might resist this command. With repetition and patience, the dog will learn to obey the command.

Collar Training

Begin training your dog on a leash, without using the Delta SE training system. After the dog shows a grasp of the commands "heel," "sit," and "here," you can begin training with the collar and the leash.

During the initial stage of collar introduction, the dog learns that collar stimulation means the same thing as a tug on the leash. At first, the dog may be alarmed by the electronic stimulation. The key is to be patient and consistent and not to start off at too high of an intensity. Be fair and consistent, and use repetition and praise when using the collar as a training tool.

If the dog does not respond to the stimulation level you have selected (*Choosing the Correct Intensity Level, page 10*), increase the stimulation one level at a time until you achieve the appropriate response. After you achieve the desired response, you can lower the stimulation level as long as the dog maintains consistency.

As the dog becomes more proficient with the commands, you can begin to introduce distractions, such as rolling a ball in front of the dog or walking him in the presence of others.

After the dog begins to respond consistently to the command during collar training, you can remove the leash and train with just the collar.

NOTE: You should train without a leash only when it is appropriate for your environment and your dog's temperament. You should follow all laws and regulations for your area regarding the use of dog leashes.

Eventually in most training situations, your commands will not require stimulation to be given with the command. You should only use stimulation when you need to repeat a command because the dog did not obey the first one.

As the dog becomes better trained, you can decrease the use of collar training. Continue to have the dog wear the collar until you feel certain that it is no longer needed to reinforce known commands. Abandoning the collar too early can lead to problems in the future.

Preventing Collar-Wise Behavior

If the Delta SE training system is not used properly as part of your overall training program, the dog may exhibit "collar-wise" behavior. This occurs when the dog obeys commands while wearing the dog collar device, but does not obey commands when the device is removed. You should follow these tips to prevent this behavior.

- Begin training the dog without using the Delta SE training system to correct the dog (*Basic Training Commands*, page 10).
- Turn off the dog collar device and put it on the dog during initial training.
This allows the dog to get used to the device before you start using it to correct the dog.
- Turn off the dog collar device and put it on the dog outside of your training sessions.
This allows the dog to get used to the device and helps to prevent the dog from associating the presence of the device with training or obedience.
- Reward the dog with praise whenever the dog obeys a command.

Training the Dog to Heel and Sit with the Collar

Before you begin training your dog using the collar, your dog must show a grasp of the "heel," "sit," and "come" commands while on the leash, you must put on the collar (*Fitting the Collar on Your Dog*, page 9), and you must find the correct intensity level (*Choosing the Correct Intensity Level*, page 10).

When beginning collar training, start with the "heel" and "sit" commands.

- 1 With the dog at your side on a leash, pull up on the leash, and command the dog to "sit."
- 2 If the dog does not sit immediately, press a training button briefly, and repeat the command to "sit."
- 3 Reward the dog with praise when the dog obeys the command.
After the dog begins obeying the "sit" command without collar stimulation, you should move on to the "heel" command.
- 4 With the dog at your side on a leash and with the collar on, command "heel" and begin walking forward while gently pulling on the leash.
- 5 If the dog not heel, press a training button briefly, repeat the command to "heel", and move in another direction or pull back on the leash.
- 6 Reward the dog with praise when the dog obeys the command.

Training the Dog to Come Here with the Collar

Before you begin training your dog to come "here" using the collar, your dog must have a strong grasp of the "heel" and "sit" commands using the collar, you must put on the collar (*Fitting the Collar on Your Dog*, page 9), and you must find the correct intensity level (*Choosing the Correct Intensity Level*, page 10). Also, you may need to use a long leash to effectively train "here."

- 1 With the dog in a sitting position, move away to the end of the leash.
- 2 Command the dog to come "here."
- 3 If the dog does not move immediately toward you, press a training button briefly, gently tug on the leash, and repeat the command to come "here."
- 4 Reward the dog with praise as soon as the dog begins to move toward you.
- 5 If the dog begins to veer away, press a training button briefly, and repeat the command to come "here."

Device Information

Product Updates

On your computer, install Garmin Express™ (www.garmin.com/express).

This provides easy access to these services for Garmin® devices:

- Software updates
- Product registration

Setting Up Garmin Express

- 1 Connect the device to your computer using a USB cable.
- 2 Go to garmin.com/express.
- 3 Follow the on-screen instructions.

Connecting the Handheld Device to Your Computer

NOTICE

To prevent corrosion, thoroughly dry the USB port, the weather cap, and the surrounding area before charging or connecting to a computer.

- 1 Lift the weather cap ①.



- 2 Plug the small end of the USB cable into the USB port ② on the device.
- 3 Plug the other end of the USB cable into an available USB port on the computer.
Your device appears as a removable drive in My Computer on Windows® computers and as a mounted volume on Mac® computers.

Connecting the Collar to a Computer

NOTICE

To prevent corrosion, you should dry the contacts on the collar and the surrounding area before connecting the charging clip.

- 1 Snap the charging clip onto the collar.
- 2 Plug the small end of the USB cable into the USB port on the charging clip cable.
- 3 Plug the other end of the USB cable into a USB port on the computer.

Delta SE Handheld Device Specifications

Battery type	Rechargeable, replaceable lithium-ion (Garmin 361-00056-13)
Battery life	70 hr., typical use
Operating temperature range	From -20° to 60°C (from -4° to 140°F)
Charging temperature range	From 0° to 45°C (from 32° to 113°F)
Storage temperature range	From -40° to 70°C (from -40° to 158°F)
Wireless frequency/protocol	27.045 MHz @ -2.65 dBm maximum
EU SAR (Limb)	0.11 W/kg maximum
Water rating	IEC 60529 IPX7 ¹
Wireless range	0.805 km (0.5 mi.)

Delta SE Dog Collar Device Specifications

Battery type	Rechargeable, replaceable lithium-ion (Garmin 361-00069-01)
Battery life	60 hr., typical use
Operating temperature range	From -20° to 60°C (from -4° to 140°F)
Charging temperature range	From 0° to 45°C (from 32° to 113°F)
Storage temperature range (up to 1 mo.)	From -20° to 70°C (from -4° to 158°F)
Storage temperature range (up to 3 mo.)	From -20° to 45°C (from -4° to 113°F)
Storage temperature range (up to 1 yr.)	From -20° to 30°C (from -4° to 86°F)
Water rating	IEC 60529 IPX7 ¹

Checking the Battery Level of the Handheld Device

- 1 Turn on the handheld device (*Turning On the Devices*, page 6).
- 2 Press a training button.

The color of the status LED indicates the battery charge level.

Green	The battery has a good charge.
Yellow	The battery should be charged soon.
Red	The battery is very low and should be charged immediately.
Flashing Red	The battery is depleted and must be charged. The device will not operate.

¹ The device withstands incidental exposure to water of up to 1 m for up to 30 min. For more information, go to www.garmin.com/waterrating.

Checking the Battery Charge Level of the Dog Collar Device

Turn on the dog collar device.

The status LED flashes every few seconds while the device is on. The color of the status LED indicates the battery charge level.

Green	The battery has a good charge.
Yellow	The battery has less than a 50% charge.
Red	The battery should be charged soon.
Flashing Red	The battery should be charged immediately. Training features are disabled.

Resetting the Handheld Device

Hold the **M** and **T** buttons for 12 seconds.

The status LED flashes when the device restarts.

Device Care

NOTICE

Do not store the device where prolonged exposure to extreme temperatures can occur, because it can cause permanent damage.

Avoid chemical cleaners, solvents, sunscreen, and insect repellents that can damage plastic components and finishes.

Secure the weather cap tightly to prevent damage to the USB port.

Avoid extreme shock and harsh treatment, because it can degrade the life of the product.

Cleaning the Device

- 1 Wipe the device using a cloth dampened with a mild detergent solution.
- 2 Wipe it dry.

After cleaning, allow the device to dry completely.

Getting More Information

You can find more information about this product on the Garmin website.

- Go to support.garmin.com for additional manuals, articles, and software updates.
- Go to buy.garmin.com, or contact your Garmin dealer for information about optional accessories and replacement parts.

