





# **Halo Collar**

## **Owner's Manual**

Mar 2020

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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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 device complies with radio frequency (RF) exposure limits adopted by the Federal Communications Commission for an uncontrolled environment. This device should be installed and operated with minimum distance 20 cm between the radiator & your body.



This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

This device should be installed and operated with minimum distance 20 cm between the radiator & your body.

Cet appareil doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

# Getting Started

## WARNING

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

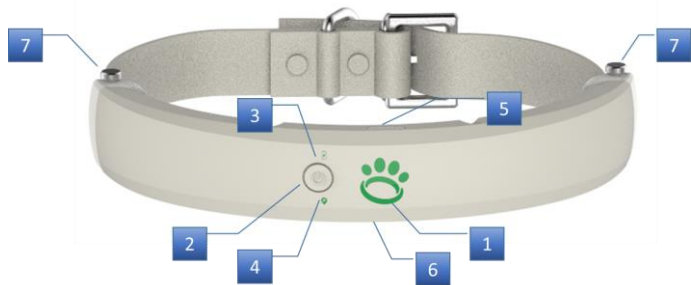
## Setting Up the Halo Collar

Before you can use the Halo system, you must set up the collar.

- 1 Charge the Halo Collar ([Charging the Halo Collar](#)).
- 2 Turn on the Halo Collar ([Turning On the Collar](#)).
- 3 Add the Halo Collar to your account using the Halo App ([Pairing a Halo Collar with the Halo App](#)).
- 4 Attach the Halo Collar to the provided collar strap or to your own collar strap ([Attaching the Halo Collar to the Strap](#)).

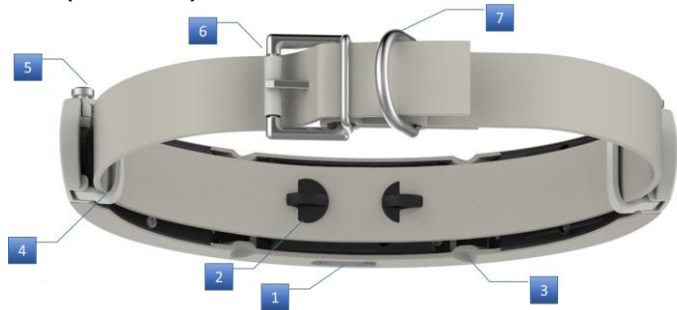
## Halo Collar Overview

### Halo Collar (front view)



1	Logo LED (Pet and Internet Status Indicator)
2	Power Button
3	Battery / Charge Indicator LED
4	Weak GPS Indicator LED + Bluetooth Connection Indicator
5	Waterproof Speaker Port
6	USB-C Charging and Upgrade Port
7	Strap Retention Loop (qty 2)

**Halo Collar (rear view)**



1	USB-C Charging and Alternate Upgrade Port
2	Contact Tips (screw-in, qty 2) – Blanks shown
3	Collar flex-points (qty 2) – allow collar to properly fit dog's neck
4	Strap Retention Loop (for Collar Retention/Replacement, qty 2)
5	Thumb Screw – Secures Strap Retention Loop (qty 2)
6	Collar Strap Buckle
7	Collar Strap – Leash Fastening Ring <b>SAFETY NOTE</b>

**⚠ SAFETY NOTE:** Leash can only be used with Halo Collar when 'Blank' contact tips are used. Do NOT use leash with Halo Collar while short or long electrodes are installed.

**Installing the Halo Collar Strap**

Each Halo Collar is shipped with a Halo strap. Your Halo strap is made from extremely durable material, which will not retain water, smells or bacteria, and is easy to clean.

When you ordered your Halo collar, it was shipped with a certain length strap based on your dog's neck size. To install the strap, follow these instructions:

- 1 Fit and adjust your snap/clip-style strap to your dog's neck before starting
- 2 Open the two Retention Loops by unscrewing the two thumb screws and releasing that end of each loop.
- 3 Slide the Halo strap in place and align the two retention holes with the contact tip locations on the Halo Collar
- 4 Close and secure the two Retention Loops by closing each Retention Loop and hand-tightening each thumb screw. Do not overtighten or tighten with a tool.
- 5 Screw in and secure the desired contact tips as described here:

**Selecting and Installing the Contact Tips**

While your Halo collar is shipped with 'blank' contact tips, for best results with your Halo collar, use the short or long-length contact tips to enable static-based feedback. Static based feedback has two main purposes – during initial training, they will more effectively train your dog to respond to the audible or tactile

'warning-level feedback.' Quickly, your dog will respond to just the audible or tactile warning as its primary feedback. However, based on your dog(s)' energy level, even a well-trained dog may get distracted and ignore a warning; the static feedback will overcome even significant distractions and may save your dog's life.

To select the correct contact tips, consider your dog's coat.

- 1 Select the correct contact tip length for your dog's coat type:
  - For dogs with thicker coats, use the longer contact tips.
  - For dogs with shorter coats, use the shorter contact tips.
- 2 Twist the contact tips through the strap and into the screw-holes in the collar.
- 3 Tighten by hand only (no tools), and make sure not to overtighten.
- 4 When you put the Halo Collar on your dog, make sure the contact tips are touching the right position on your dog's neck.

**⚠ SAFETY NOTE:** Leash can only be used with Halo Collar when 'Blank' contact tips are used. Do NOT use leash with Halo Collar while short or long electrodes are installed.

## Fitting the Halo Collar on Your Dog



### CAUTION

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

This Halo Collar is not intended for human use. Do not attempt to use it on any person.

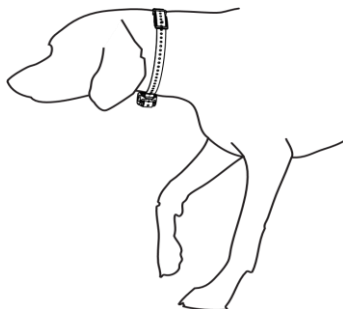
### NOTICE

Before you put the Halo Collar on your dog, remove it from the charger.

In order to provide proper feedback to your dog, the strap and Halo Collar must fit your dog properly. If the collar is too loose or positioned incorrectly, feedback may be inconsistent. This can delay or prevent successful training.

- 1 Place the Halo Collar around the middle of your dog's neck.
- 2 Position the Halo Collar at the front of your dog's neck, with the USB port facing toward your dog's chin and the contact tips touching the skin.
- 3 Tighten the strap so that it is securely around your dog's neck and fasten the buckle. You should be able to fit no more than one finger between the collar strap and your dog's neck.

**NOTE:** The collar should fit tightly and should not be able to rotate or slide on your dog's neck. Your 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.



- 4 Wiggle the Halo Collar to work the contact tips through your dog's coat.

**NOTE:** The contact tips must have contact with your dog's skin to be effective.

## Modifying or Replacing the Halo Collar Strap

If you wish to replace the strap with a 'belt-buckle style' strap, follow these instructions:

- 1 Unscrew and remove – but keep - the Halo Collar's installed contact tips. (If a Halo strap is installed, follow steps 2-4 to remove it first:)
- 2 Open the two Retention Loops by unscrewing the two thumb screws and releasing that end of each loop.
- 3 Remove the Halo strap carefully from each Retention Loop
- 4 Close and secure the two Retention Loops by repositioning each Retention Loop in place and hand-tightening each thumb screw. Do not overtighten.
- 5 Using the Halo-provided strap as a guide, punch two (2) retention holes in your own collar at the same length and same position, as measured from the buckle-end
- 6 Slide the new strap through the Retention Loops until the two retention holes align with the contact tip locations on the Halo Collar
- 7 Screw in and secure the original contact tips.

If you wish to replace the strap with a 'snap/clip-style' strap, follow these instructions:

- 1 Fit and adjust your snap/clip-style strap to your dog's neck before starting
- 2 Unscrew and remove – but keep - the Halo Collar's installed contact tips
- 3 Open the two Retention Loops by unscrewing the two thumb screws and releasing that end of each loop.
- 4 Remove the Halo strap carefully from each Retention Loop
- 5 Using the Halo-provided strap as a guide, punch two (2) retention holes in your own collar at the same length and same position, as measured from the buckle-end.

**NOTE:** this may require punching each hole through two layers of your 'snap/clip-type' strap. If so, the 'snap/clip-style' strap will not be adjustable.

- 6 Slide the new strap in place and align the two retention holes with the contact tip locations on the Halo Collar
- 7 Close and secure the two Retention Loops by closing each Retention Loop and hand-tightening each thumb screw.
- 8 Screw in and secure the original contact tips.



## Charging the Halo Collar

### NOTICE

To prevent corrosion, thoroughly dry the USB-C port on the Halo Collar and the surrounding area before plugging in the charging cord

Unplug the charging cord before you fasten the Halo Collar to your dog.

You should fully charge the battery before you use the Halo Collar for the first time. Charging a fully depleted battery takes about two hours.

The Halo Collar does not charge when outside the temperature range of 0° to 40°C (32° to 104°F).

- 1 Assemble the provided charging system by plugging the USB-A (rectangular) end of the cable into the provided AC/DC charging block.
- 2 Plug the AC/DC charging block into a wall power source that is located in a convenient location for regular, nightly charging
- 3 To charge the collar, access the USB-C receptacle/port on your Halo Collar by lifting the tab of the USB-C Cover flap. **NOTE:** Do NOT unscrew the flap from the collar.



- 4 Insert the USB-C (rounded) plug on the end of the charging cable into the port on the collar. Orientation of the plug does not matter. The Battery/Charge status LED will blink quickly GREEN while the collar is charging.



- 5 After the status LED turns solid green, the Halo Collar is charged. You may remove the charging cord from the Halo Collar.

**NOTE:** The USB-C port is weatherproof. However, to prevent dirt build-up, be sure to replace the USB port cover on the collar each time you remove the charging cord from the collar.

## Turning On the Halo Collar

- Press the Power button for about 2 seconds and release. Note that the Logo LED will begin to blink.

## Turning Off the Halo Collar

- Press and hold the Power button for about 6 seconds. Then, release the button and note that Logo LED remains off.

## Understanding the Halo Collar LED's

There are three LEDs on your Halo collar.

- The Logo LED will Blink in your dog's selected color, at the rate shown:

Mode	Logo LED Blink*
Leash Mode On	1 sec
Fences On	3 sec
Beacons On Only	5 sec
Battery Saver On Only	10 sec

NOTE: Single blink indicates an active connection to the Halo cloud; a double-blink indicates no active connection to the Halo cloud.

- The GPS/Bluetooth LED serves two purposes, as described below.

Status	GPS/Bluetooth LED
Paired with phone (Halo app)	Blue LED on
Not paired; good GPS signal	No LED
Not paired; poor GPS signal	Red fast blink

**⚠ SAFETY NOTE:** When GPS signal is poor (fast red blink on collar), collar will NOT provide fence feedback to your dog. Be sure that Red LED is off when letting your dog roam outside to make sure it is properly contained by its Halo Fence.

- The Battery/Charge LED provides a charge warning when the collar is unplugged, and provides a charging indicator when the collar plugged in for charging. See "Checking the Battery Charge Level of the Halo Collar"

## Using the Halo App with Your Halo Collar(s)

You can use any number of Halo Collars with your Halo mobile app.

Each Halo Collar must be assigned to a dog using the Halo mobile app before it can be used. During the collar and pet configuration process, each dog is also associated with a unique color in the app. The Logo LED of each collar will blink in the designated dog's color at a rate determined by the mode (as shown in the table above).

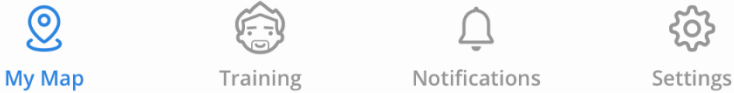
### Pairing a Halo Collar with the Halo App

- Turn on the Halo Collar and launch the Halo app.
- Follow the instructions in the Halo app to register and log in to the app.
- While adding your dog(s) to the Halo app, you will be asked to choose a unique color for each dog. This will help you track which collar belongs to which dog and more quickly identify each dog in the Halo app.
- When adding a Collar to your account with the Halo app, select the desired Collar by scanning the Collar's QR code or typing in the Collar serial number. If the strap is already installed, the QR code may be hidden; you may find a second copy of the QR code on the Halo collar's original package.
- For improved battery life and indoor communication, it is strongly recommended to configure the Collar to connect to your home Wi-Fi.
- Follow the in-app training process to learn how to properly train your dog(s) and how to use the Halo Collar, including configuration of each dog's specific feedback and encouragements (in the Training tab of the Halo app).

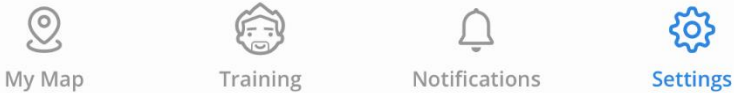
## Managing Multiple Halo Collars

As you add each dog to your Halo app and assign a Halo Collar to each one, your dogs will appear as icons on the Map View on the MyMap tab. While on MyMap, you can individually select each pet to:

- View current location and status, including each Halo Collar's battery level and internet connection status
- View daily activity and safety metrics for each dog
- Change your Halo Collar's mode
- Send instant encouragements or feedback to your dog



To set or change individual Halo collar settings, select the Settings tab in the Halo app and select Collars.



Here you can:

- See Halo Collar detailed status, such as firm ware version/updates
- Configure Halo Collar Wi-Fi settings
- See Halo Collar firm ware version and accept upgrades
- See Halo Collar cellular carrier and connection details

## Halo Dog Training

The Halo solution is as much about training you and your dog as it is about dog containment and safety. The unique Halo training programs, designed by Cesar Millan, are what will ultimately determine the effectiveness of the Halo system, including our Halo User Training course, and our introductory Halo Pet Training course. In addition, Cesar Millan's years of training expertise have defined the functionality of the Halo system in addition to our unique, simple and proven training programs.

Halo training is best performed using the Halo app.

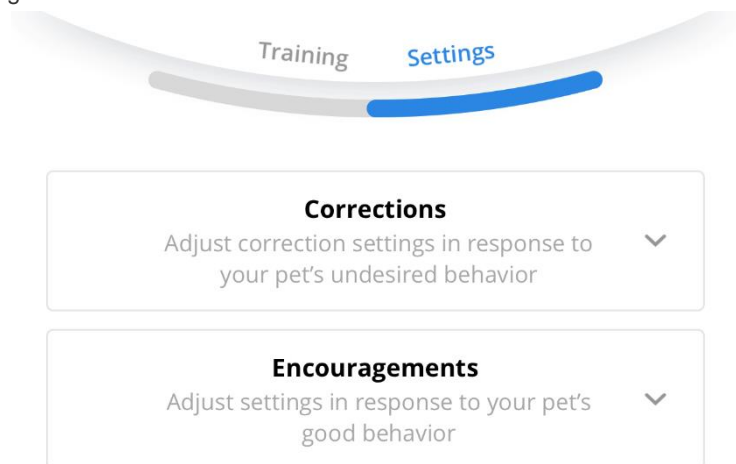


Each user of the app (each member of the family) is strongly encouraged to take the Halo User Training course.

Once at least one family member has completed Halo User Training, he/she may begin training each individual dog using the introductory Halo Pet Training program. Training is designed to be fun for you and your dog(s). You should train one dog at a time. As you progress through the Halo Dog Training program, you may quickly see results; however, it often takes about 21 days for new behaviors to become lifelong habits, so it is important to reinforce the training as described.

## Feedback Intensities and Methods

You can use several methods to correct your dog. Configure each dog's feedback settings by selecting your dog in the Training tab and clicking on Settings.



The Halo system provides four primary methods. For audible and static stimulation, you can also adjust the volume/intensity level.

**Tone:** Activates an audible tone. Some tones can only be heard by dogs' sensitive hearing. A tone can be used as either an encouragement or feedback, depending on your training needs.

**Voice:** Activates a pre-recorded or user-recorded audio clip. A vocal cue can be used as either an encouragement or feedback, depending on your training needs.

**Vibration:** Applies vibration instead of stimulation to your dog, in selected vibration patterns. The effectiveness of vibration may vary based on your dog's temperament and experience.

**Static feedback:** Applies brief static stimulation at the designated intensity level.

## Choosing the Correct Intensity Level

- 1 Use the Halo app to select the desired sound or vibe or static stimulation. Then, set the intensity to the lowest level ([Changing the Intensity Level](#)).
- 2 Using the Halo app, press the "Test on Collar" button.
- 3 Observe your 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 your dog vocalizes more than once, the intensity level is too high.

The intensity level that causes a slight but recognizable reaction is your dog's baseline level for beginning collar training. Do not run this test again.

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

## How and When the Halo Collar Applies Feedback

### Halo Fences and Halo Beacons

The Halo Collar can be configured (using the Halo app) with one or more fences and is also shipped with one Halo Beacon. Halo Fences and Halo Beacons are managed on-board the Halo Collar, so the Halo Collar will enforce the boundaries using pet-specific feedback even with no Internet access.

**Halo Fences:** Use the Halo app to create your own outdoor fences that work just like underground wired fences - but with nothing to install. Press the Find button on the the MyMap tab, and then the Add Fence button. You can create and name up to 20 fences, each with up to 20 fence posts. Place each fence post by either walking with one of your collars in-hand, or by touching your finger on the map. Your Halo Fences are downloaded into each of your Halo Collars and are enforced when you enable Fences On mode for your dog(s).

**Halo Beacons:** Use these battery or USB-wall-adaptor-powered devices to keep your dog(s) away from undesirable areas - inside or outside your house - such as the kitchen or bedroom. Or, use a Halo Beacon just as a notification system, such as when your dog is by the back door. You also will use the one provided Halo Beacon during Pet Training as the first step towards training rules, boundaries and limitations. Beacons are enforced whenever you enable Beacons On mode for your dog(s).

**Battery-Powered Halo Beacon from Kit** (including disassembled view)



Turn on the Halo Beacon by pressing on the halo logo and holding for 3 seconds until the blue LED turns on - then release. To turn off, hold down again for 3 seconds - and confirm that - after releasing - the blue 'power' LED blinks 5 times.

The Halo Beacon from your kit uses a replaceable calculator'-style CR2025 battery. Use the disassembled view to assist with battery replacement.

### Automatic Feedback

**Warning:** Applies your specified 'Warning-Level' feedback when your dog gets close to a fence boundary or a Keep-Away Beacon for the first two seconds.

**Boundary:** If your dog has not yet left a fence but it ignores the Warning for more than two seconds, the Halo Collar will activate 'Boundary' feedback.

**Emergency:** If your dog crosses the fence line and continues moving away from the fence, or if it continues to ignore Boundary feedback near a Beacon, the Halo Collar applies an Emergency Feedback periodically until your dog stops or turns back.

**Positive Feedback:** If your dog starts to return to the safety of the fence, the Halo Collar applies your configured Positive feedback, including the Whistle.

**Lost Mode:** If your dog leaves the fence area by over 100m (~300ft), it will no longer receive Emergency Feedback; instead, the Halo Collar will attempt to direct your dog back to the safety of your fence using Positive feedback, including the Whistle, Good Behavior and Heading Home.

## Immediate Manual Feedback

While training your dog(s), while on a walk, or whenever you determine it is necessary, you can initiate any of the same types of feedback on demand. To send immediate feedback, press the 'Hand' icon either on your dog(s) pet card on MyMap, or on your dog(s) Training card. After pressing the 'hand' icon, you will be presented with an option to send any of that dog's customized feedbacks.



### Corrections



Warning



First-time



Escalation

### Encouragements



Good  
Behavior



Return  
Whistle



Heading  
Home

# Halo Collar Specifications

Battery type	Rechargeable lithium-ion
Battery life	32 hr., typical use
Operating temperature range	-20° to 50°C (-4° to 122°F)
Extended/temporary temperature range	-35° to 85°C (-31° to 185°F)
Charging temperature range	0° to 40°C (32° to 104°F)
Storage temperature range (up to 1 mo.)	-35° to 85°C (-31° to 185°F)
Water rating	IEC 60529 IPX7*
Swim rating	72 hrs continuous, incl. ocean water
Vibration	2-200Hz, 1.15 G-rms
Twist/Flex	3000+ cycles, 45° twist, 90° bend
Shock	50G operational/100G non-operational 6ms, all sides
Drop	1m, wood floor; 10cm, steel floor
ESD	+/- 8kV contact; +/- 15kV non-contact

\*The Halo Collar withstands exposure to water of up to 1 m for up to 30 min.

## Checking the Battery Charge Level of the Halo Collar

Turn on the Halo Collar. Detailed charge level is reported periodically to the Halo app and is visible on the MyMap and Collars Settings screens.

In addition, the Halo Collar is equipped with a battery-status LED. The color of the status LED indicates the battery charge level.

Green Blink	The battery is currently charging
Green On	The battery is plugged in and fully charged
Off	The battery level is good (or the collar is powered off)
Flashing Yellow	The battery should be charged soon.
Flashing Red	The battery should be charged immediately. Tracking features remain active in case of emergency.

### WARNING

This product contains a non-replaceable lithium-ion battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, store the Halo Collar out of direct sunlight.

Contact your local waste disposal department to properly recycle

## Getting More Information

You can find more information about this product and optional accessories and replacement parts on the Halo website.

- Go to [www.halocollar.com](http://www.halocollar.com) for information about the company and its products
- Go to [support.halocollar.com](http://support.halocollar.com) for updated support documentation
- Keep the original sales receipt, or a photocopy, in a safe place
- Corporate Address:

Halo with Cesar Millan

Protect Animals with Satellites, LLC

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