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Astro® 430 with T5/T5 mini

Quick Start Manual

Introduction

Device Overviews
Astro 430 Handheld Device

①	GPS antenna
②	VHF antenna
③	Power key
④	Display
⑤	Keypad
⑥	USB port (under weather cap)
⑦	microSD™ card slot (under battery door)
⑧	Mounting spine
⑨	Battery cover D-ring

Keypad

IN	Select to zoom in on the map.
OUT	Select to zoom out on the map.
MAP	Select to view the map.
MENU	Select to open the menu for the active page. Select twice to open the main menu.

ENTER	Select to select options and acknowledge messages.
BACK	Select to cancel data entry or return to the previous menu or page.
MARK	Select to mark your current location.
DOG	Select to view the dog tracking page.
▲▼ ◄►	Select to view or scroll through options and to move the map pointer.

Dog Collar Device

NOTE: Your dog collar device may look different than the device pictured.

①	VHF antenna
②	GPS antenna

③	Power key
④	Status LED and flashing beacon LEDs

Installing Batteries

The handheld device operates on two AA batteries (not included). Use NiMH or lithium batteries for best results.

1 Turn the D-ring counter-clockwise, and pull up to remove the cover.
2 Insert two AA batteries, observing polarity.

3 Replace the battery cover, and turn the D-ring clockwise.
4 Hold ⏻.
5 Select **Setup** > **System** > **Battery Type**.
6 Select **Alkaline**, **Lithium**, or **Rechargeable NiMH**.

Turning On the Devices

- On the handheld device, hold the power key until the LCD display turns on.
- On the dog collar device, hold the power key until the status LED flashes and the collar beeps.

Getting the Owner's Manual

Go to **www.garmin.com/manuals /astro430** .

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.

NOTE: Your dog collar device may look different than the device pictured.

You should fully charge the battery before you use the device for the first time. Charging a fully depleted battery takes about five hours.

1 Snap the charging clip ① onto the device ②.

2 Plug the small end of the power cable into the mini-USB port on the charging clip cable.

3 Plug 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.

Acquiring Satellite Signals

Both the collar and handheld device must acquire satellite signals before you put the collar on your dog. Acquiring satellites can take a few minutes.

1 Go outdoors to an open area.

2 Turn on both devices (page 4).

3 Select the power key on the handheld device.

.ıll shows the GPS signal strength.

When the collar has acquired satellite signals, the status LED flashes a double-blink or triple-blink in green.

Pairing a Dog Collar to the Astro Device

Before you can pair devices to the handheld device, the handheld device must be close enough to the dog collar device to touch it.

The handheld device can track up to 20 dogs with dog collar devices. If you purchase additional dog collar devices, you can link them to the handheld device.

1 Select **DOG**.

2 Select **Add Dog**.

3 Follow the on-screen instructions.

By default, the new dog is named "Dog" and an ID number is randomly assigned.

An error message could appear if there is a conflict with the ID number of another dog.

After pairing is compete, you can add the dog collar device to additional handheld devices using the dog collar device track code or control code.

Adjusting the Backlight Brightness

NOTE: The backlight brightness may be limited when the battery strength is low.

Extensive use of screen backlighting can significantly reduce battery life.

1 Select ⏻.

2 Select ⏻ to cycle through the brightness levels.

3 Select **ENTER**.

Dog Tracking

The handheld device allows you to track your dog, using the tracking compass or map. The map displays your location and your dog's location and tracks. The compass pointer indicates the direction of the dog's current location.

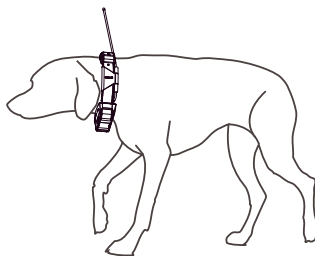#### *Fitting the Collar on Your Dog*

           ⚠ **CAUTION**

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 laminate.

Before you can put the collar on the dog, you must pair the handheld device and collar (page 5) , and acquire satellite signals (page 4).

1 Position the collar with the VHF whip antenna pointing up, the GPS antenna facing up, and the LEDs facing forward.

2 Place the collar around the middle of the dog's neck.

3 Tighten the strap so it is snug around the dog's neck.

   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 the collar is not too tight.

4 If the strap is too long, cut off the excess, leaving at least 3 in. (7.62 cm) to spare.

Calibrating the Compass

NOTE: You must calibrate the electronic compass outdoors. Do not stand near objects that influence magnetic fields, such as cars, buildings, or overhead power lines.

The device has a 3-axis electronic compass. You should calibrate the compass after moving long distances, experiencing temperature changes, or changing the batteries.
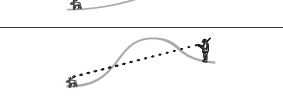
1 Select **DOG** > **MENU**.

2 Select **Calibrate Compass** > **Start**.

3 Follow the on-screen instructions.

Hunt Metrics

Hunt metrics provides a collection of data that helps you understand the hunting patterns and behaviors of your dog. The hunt metrics reset automatically at the beginning of each new hunt.

Communication with the Collar

You should keep an unobstructed line of sight between your handheld device and the dog collar device to produce the best communication signal. To achieve the best line-of-sight conditions, you should move to the highest elevation point in your area (for example, on the top of a hill).

Best	
Good	
Poor	

Device Information

Support and Updates

Garmin Express™ (garmin.com/express) provides easy access to these services for Garmin® devices.

- Product registration
- Product manuals
- Software updates
- Map, chart, or course updates

Setting Up Garmin Express

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

Updating the Software

Before you can update the handheld device or collar software, you must connect the handheld device or the collar to the computer.

You must update the software on the handheld device and collar separately.

NOTE: Updating the software does not erase any of your data or settings.

1 Go to **www.garmin.com/products /webupdater**.
2 Follow the on-screen instructions.

Viewing Device Information

You can view the unit ID, software version, regulatory information, and license agreement.

Select **Setup** > **About**.

VHF Radio Information

This product may be used only on specific radio frequencies, which vary depending on the country of use. The handheld device and the dog device allow the user to install a different antenna. Changing the antenna can result in improved radio performance and higher radiated power. You must not use the device with a third party antenna or an antenna not approved by Garmin. Go to www.garmin.com /tracking-legal for details about the performance and radio frequency of this product, lawful accessories, and power limits for countries.

Specifications
Astro 430 Handheld Device Specifications

Operating temperature range	From -20° to 70°C (from -4° to 158°F)
Charging temperature range	From 0° to 50°C (from 32° to 122°F)

T5 Dog Collar Device Specifications

Operating temperature range	From -20° to 60°C (from -4° to 140°F)
Charging temperature range	From 0° to 40°C (from 32° to 104°F)

T5 mini Dog Collar Device Specifications

Operating temperature range	From -20° to 60°C (from -4° to 140°F)
Charging temperature range	From 5° to 40°C (from 41° to 104°F)

Troubleshooting
My dog collar devices have conflicting IDs

Each dog you track has its own ID number. If two dogs within range of the handheld device have the same ID, the handheld device warns you of a conflicting ID signal. Follow the on-screen instructions to resolve the conflict.

When possible, you should allow the handheld device to automatically assign IDs. If necessary, you can manually assign a new ID number to a dog.

www.garmin.com/support

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