

@ctiveFind™

User Guide

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Finding the assets you care about

With your new @ctiveFind device you can:

- **Quickly find** a valuable asset that is carrying a location device by making a location fix request via a phone, two-way pager, or secure website.

Because this location service integrates GPS navigation technology, a two-way wireless messaging network, and the internet, it has enhanced accuracy, coverage, and accessibility. It can work in places that other location systems cannot—for example, in cities and indoors.

You have access to these alert-sending and location-finding services 24 hours a day, 365 days a year.

Use the information in this guide to get acquainted with the device's features. Then use the world's smallest, most accurate portable location device to locate what you care about.

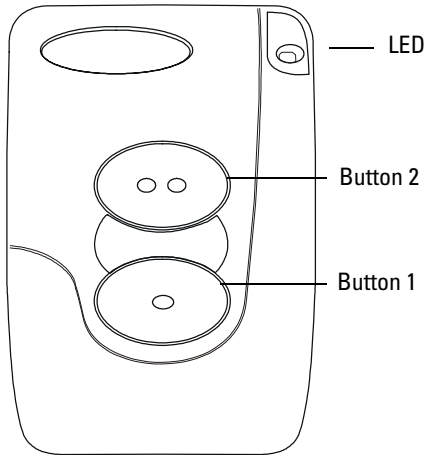
Warning The @ctiveFind device provides the best coverage that current location technology can offer, but it does not work everywhere. If the device is in an area of poor network or GPS coverage or in certain indoor locations (for example, an elevator), it may not provide a location fix.

Warning During normal use this device is not to be located within 20 cm (8 inches) of a person. It is intended for Asset Tracking only.

Setting up or changing account information

In addition to providing the usual account identification and billing information, you will need to let your service provider know what action to take when they receive a message from your @ctiveFind device. You can configure up to three separate responses. Typically these instructions would be to send a location alert message to a designated contact by e-mail, phone, or pager. Your service provider can also send an alert message to your device. You can set up your account to specify what this alert will indicate and under what circumstances it will be sent. (Note that this alert will not be muted by standby mode—[see page 8](#).) Before you contact your service provider about your account, be prepared with the following information. You may want to make a note of this information, either here or in a more secure place:

- Account ID: _____
- Device ID: _____
- Password: _____
- Action your service provider will perform when you press:
Button 1: _____
Button 2: _____
Both buttons: _____
- What a network alert indicates:



Battery Information

Your @ctiveFind device needs one AA battery.

Battery life is affected by several factors, including:

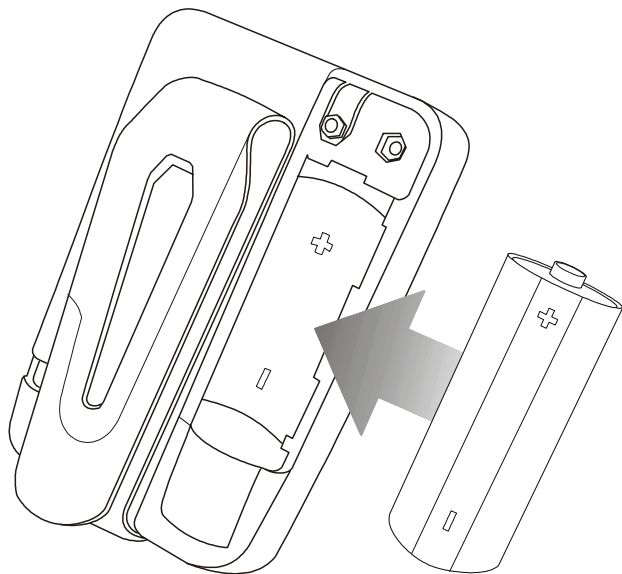
- Cold weather
- Quality of the battery
- Number of location fixes performed
- Number of times the alerts are used
- Type of battery—Although alkaline batteries are recommended for general use, the @ctiveFind device can also use other types of batteries (such as lithium) that have a longer lifespan. Ask your service provider for details.

Note Non-alkaline batteries may require special disposal procedures.

When the battery needs to be replaced, the device will provide two short beeps every 60 seconds if your service provider has enabled the buzzer.

► To install the battery

- 1 Remove the battery compartment door.
- 2 Insert one AA battery, aligning the + and - symbols on the battery with those in the battery compartment.
- 3 Replace the battery compartment door.



Turning the @ctiveFind device on and off

Depending on how your service provider has configured this feature, the On/Off switch can have up to three modes:

On	<ul style="list-style-type: none">• The device can perform a location fix• The LED and buzzer are enabled
Off	<ul style="list-style-type: none">• The device cannot perform a location fix• The LED and buzzer are disabled
Off (Standby)	<ul style="list-style-type: none">• The device can perform a location fix• The LED and buzzer are disabled (except for the network alert)

The Standby mode, which allows your service provider to override the On/Off switch setting, ensures that devices inadvertently turn the switch off can still be located.

Attaching the @ctiveFind device

The @ctiveFind device has been designed to make it easy to be placed in or on a valuable item. A built-in chain post and a belt clip help to secure the device to the item carrying it.

When positioning the device on the item, try to keep the device pointed upwards for optimal performance. In addition, keep these precautions in mind:

- The device should be kept away from metal objects.
- The device can operate in temperatures ranging from -10 to +50 degrees Celsius (14 to 122 degrees Fahrenheit), but it will not operate for extended periods of time below 0 degrees Celsius (32 degrees Fahrenheit).

Interpreting the LEDs and buzzer

The LEDs and buzzer give you information about the device and the progress of location fixes. The table shows the factory settings. Your service provider may have customized these or enabled only the LED or only the buzzer.

Alert		What it means
Green LED	Three increasingly long flashes	The @ctiveFind has network coverage (occurs when the user changes the switch from Standby to On). A location fix is possible.
	Short flashes, every five seconds	Full network coverage. A location fix is possible.
	Fast flashes (three per second)	The @ctiveFind is processing a location fix.
Green LED and key click sound	One short flash and one click	You have successfully initiated a location request from Button 1 or Button 2.
	Three short flashes and three clicks	You have successfully initiated a location request using both buttons.
Green LED and happy sound	Long flash and long happy sound	A location request was successfully completed (may repeat three times).
	Three long flashes and three long happy sounds	A location request was successfully initiated from the website.

Alert	What it means	
Red LED	Shortflashes, every five seconds	No network coverage. A location fix is not possible.
	Three increasingly short flashes	The device does not have network coverage (occurs when the user changes the switch from Standby to On). A location fix is not possible.
Red LED and sad sound	Long flash and long sound	A location request initiated from the device was unsuccessful, usually due to poor network coverage (may repeat three times).
Both LEDs and sounds	Three alternating short red/green flashes and happy/sad sounds.	The alert from the network (may repeat three times)
Beeps	Two short beeps, repeating every 60 seconds	Battery needs to be replaced (repeats until battery is replaced)

Example: What you see and hear in a successful location fix

- Your device's LED displays short green flashes every five seconds while idle.
- When you press Button 1, you see one short green flash and hear one click.
- During the next 15 to 60 (processing) seconds, you see fast green flashes.
- When the fix completes successfully, you see a long green flash and hear a happy sound (the flash and happy sound may repeat up to three times).

How to find an @ctiveFind device

To initiate a location fix, use the option(s) that your service provider recommends:

► Website

- 1 Go to the URL you received from your service provider.
- 2 Enter your device ID and password.
- 3 If you have more than one device, select the device you wish to locate.
- 4 Initiate a location request.
- 5 Wait for a map and/or street address.

► Call Center

- 1 Dial the telephone number you received from your service provider. Your call may be answered by an operator or an automated interactive system
- 2 Provide your device ID and password.
- 3 Specify which device you wish to locate.
- 4 Wait for location information.

How to be found when you carry the device

Not Applicable.

Specifications

Physical

Size	<ul style="list-style-type: none">• 83 mm by 56.8 mm by 26 mm (3.25 in. by 2.25 in. by 1 in.)
Weight	<ul style="list-style-type: none">• 104 grams (3.7 ounces)
Audible alert	<ul style="list-style-type: none">• Beeper
Visual alert	<ul style="list-style-type: none">• One LED with two colors: red and green
Buttons	<ul style="list-style-type: none">• Two
Switch	<ul style="list-style-type: none">• One On/Off slide switch• Programmable On, Off, and Standby modes
Color	<ul style="list-style-type: none">• Opaque black
Batteries	<ul style="list-style-type: none">• One AA alkaline battery• One NiCad battery (not user-serviceable)
Other	<ul style="list-style-type: none">• Built-in chain post• Belt clip

Environmental

Temperature range	<ul style="list-style-type: none">• Operating temperature: -10 to +50 degrees Celcius (14 to 122 degrees Fahrenheit), but will not operate for extended periods of time below 0 degrees Celcius (32 degrees Fahrenheit).• Storage temperature: -30 to + 65 degrees Celcius (-22 to +149 degrees Fahrenheit)
Dust and liquid spills	<ul style="list-style-type: none">• Water and dust resistant
Shock resistance	<ul style="list-style-type: none">• Withstands two drops on each of the six sides from 1.2 meters (47.25 in.) onto a vinyl tile covered concrete surface.
Electrostatic discharge (ESD)	<ul style="list-style-type: none">• No soft failures up to 10kV ESD• No hard failures up to 16KV ESD
Vibration	<ul style="list-style-type: none">• Withstands 5-500 Hertz random vibration, 1.25G rms, for one hour per primary axis, and operates normally after the vibration stops.
Humidity	<ul style="list-style-type: none">• Withstands 10-95% non-condensing humidity.

These specifications are subject to change.

Questions and answers

How do I know when to change the device battery?

Two short beeps that repeat every 60 seconds until the battery is replaced indicate that battery power is low.

How do I know if I have network coverage?

If the LED is enabled, you see a short green flash every five seconds when you have full coverage.

A short red flash every five seconds, means you do not have coverage. You may be out of range or denied service.

How do I recognize the preprogrammed network alert?

You will see three alternating red/green short flashes on the LED and/or hear three alternating happy/sad short sounds from the buzzer.

How do I find a device?

Use the instructions you received from your service provider for initiating a location fix. This might be through their website or through a call center. You will be asked to provide the device ID and a password.

If I'm wearing the device, can I tell if someone is searching for me?

Not Applicable.

If I'm carrying the device, how do I send my location to someone?

Not Applicable.

FCC Compliance

The @ctiveFind device complies with Federal Communications Commission (FCC) requirements as described in 47CFR Part 2, Part 15 and Part 24. This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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

Warning During normal use this device is not to be located within 20 cm (8 inches) of a person. It is intended for Asset Tracking only.

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 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.

Safety

The @ctiveFind device conforms to UL-913 Hazardous Locations and Classes I through III and Groups A through D.

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Website

<http://www.glenayre.com/>