

## MARKETING MEMO

GARMIN®

## New Product Announcement

T 5 mini Dog Device  
Astro® 320/T 5 mini Bundle

Introducing the new T 5 mini tracking dog device, now available individually or bundled with our Astro 320 handheld. Similar to the existing T 5 dog device, T 5 mini works with Astro 320 and Alpha® 100 (tracking only) handhelds<sup>1</sup>, but is smaller and lighter weight with neck sizes as small as 9.5 inches.



## T 5 MINI DOG DEVICE FEATURES:

NEW SMALLER PHYSICAL SIZE	Designed for smaller breeds measuring as small as 9.5" in neck circumference.
NEW LIGHTER WEIGHT	T 5 mini is lighter in weight (7.0 oz) compared to the standard T 5 dog collar (9.3 oz).
NEW COLLAR SLEEP MODE	Allows you to save the battery life on your dog device by turning on the sleep mode feature from the handheld.
NEW 3/4" COLLAR STRAPS	Compatible with 3/4" polyurethane-coated nylon collar straps; multiple colors sold separately.
LED BEACON LIGHTS	LED beacon lights on the dog collar controlled by Astro 320 or Alpha 100 handheld for low-light conditions or night use; visible up to 100 yards.
ASTRO 320 OR ALPHA 100	Compatible with Astro 320 or Alpha 100 handhelds <sup>1</sup> .
GPS/GLONASS	Top-mounted, high-sensitivity GPS and GLONASS receiver for increased signal reception; T 5 mini dog device includes orange GPS antenna on top so it's easy to distinguish during competitions that do not allow stimulation, tone or vibration.
RESCUE MODE	Prolongs battery life by slowing down the rate at which it updates Astro 320 or Alpha 100.
BATTERY LIFE	Includes rechargeable, user-replaceable, lithium-ion battery pack that lasts from 16 to 30 hours per charge.
RUGGED/DURABLE	Tough, durable dog device with water rating of 1 ATM (10 meters) <sup>2</sup> .

You will also receive the following features when you purchase the new Astro 320/T 5 mini Bundle.

## ASTRO 320 HANDHELD FEATURES:

MULTI-DOG TRACKING	Track up to 10 dogs with additional T 5 (standard and/or mini) dog devices (may also use TT 15 dog devices for tracking only), each sold separately. Tracks from up to 4 miles (w/ T 5 mini or TT 15 mini) or 9 miles (w/standard T 5 or TT 15) away, delivering their exact position as often as every 5 seconds.
PRELOADED MAPPING	Preloaded worldwide basemap; microSD™ slot and support for TOPO U.S. 24K, 100K, BirdsEye Satellite Imagery, City Navigator® and more (all sold separately).
COLOR DISPLAY	2.6" color display.
VIEW DOG STATS	Includes electronic compass to accurately view the dog's position, speed and distance when holding Astro 320 at any angle.
BASECAMP™	Free trip-planning computer software that lets you view and organize maps, waypoints, routes and tracks, plus create Garmin Adventures™ for sharing with friends, family or fellow explorers.

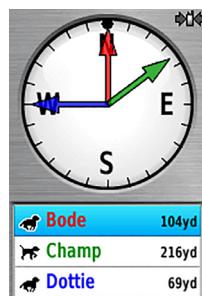
## VIEW DOG'S POSITION



## DOG INFO PAGE



## DOG TRACKING

OPTIONAL  
TOPO U.S. 100K MAPSOPTIONAL  
BIRDSEYE MAPS

**\*IMPORTANT COMPATIBILITY NOTE:** T 5 mini dog device is compatible with both Astro 320 and Alpha 100 handhelds. T 5 mini can be configured to operate with either handheld, but can NOT be operated with Astro 320 and Alpha 100 at the same time.

ASTRO 320 and T 5 mini

Offers tracking only

ALPHA 100 and T 5 mini

Offers tracking only

## PRODUCT COMPARISON:

Dog Devices	TT™ 15	TT 15 mini	T 5	T 5 mini
High-sensitivity GPS	•	•	•	•
GLONASS	•	•	•	•
Stimulation levels	•	•		
Tone	•	•		
Vibration	•	•		
LED beacon lights	•	•	•	•
Rescue mode	•	•	•	•
Range	9 miles	4 miles	9 miles	4 miles
Contact points (long & short)	•	•		
Includes extended range 22 1/2" antenna	•		•	
Made for smaller breeds, neck circumference as small as 9.5"		•		•
Total weight	10.0 oz	7.5 oz	9.3 oz	7.0 oz
VIRB® control	w/Alpha® 100 only	w/Alpha® 100 only	w/Alpha® 100 only	w/Alpha® 100 only
Top-mounted GPS antenna color	Black	Black	Orange	Orange
Water rating	1 ATM (10 m) <sup>2</sup>			
Battery life	20-40 hrs	16-30 hrs	20-40 hrs	16-30 hrs
Battery type	rechargeable lithium-ion	rechargeable lithium-ion	rechargeable lithium-ion	rechargeable lithium-ion
Replaceable collar straps	1" collars	3/4" collars	1" collars	3/4" collars
Handheld compatibility	Alpha 100 or Astro® 320			

## PRODUCT CONFIGURATIONS:

**\*IMPORTANT NOTE:** Current Astro 320 and Alpha 100 users must update software on handheld before using the new T 5 mini and TT 15 mini dog devices. Download free software update by visiting [Garmin.com/express](http://Garmin.com/express)

<b>T 5 mini Dog Device</b>	<b>Available:</b> August 2015	<b>Includes:</b> T 5 mini tracking dog device w/rechargeable Li-ion battery, 3/4" blue collar strap, 18½" standard antenna, charge clip, AC adapter, vehicle power cable, manual		
	<b>Description:</b> T 5 mini Dog Device	<b>Part number:</b> 010-01486-10	<b>UPC:</b> 753759145866	<b>MRP:</b> \$249.99 USD
				<b>Net:</b> \$224.99 USD

<b>Astro 320/T 5 mini Bundle</b>	<b>Available:</b> August 2015	<b>Includes:</b> Astro 320 handheld, T 5 mini tracking dog device w/rechargeable Li-ion battery, 3/4" orange collar strap, belt clip, 5" standard & 13" extended range antennas (for Astro 320), 18½" standard antenna (for T 5 mini), charge clip, AC adapter, vehicle power cable, USB cable, manual		
	<b>Description:</b> Astro 320/T 5 mini Bundle	<b>Part number:</b> 010-01486-20	<b>UPC:</b> 753759145880	<b>MRP:</b> \$599.99 USD
				<b>Net:</b> \$539.99 USD

<b>Astro 320 Handheld</b>	<b>Available:</b> Now	<b>Includes:</b> Astro 320 handheld, 5" standard & 13" extended range antennas, belt clip, USB cable, manual		
	<b>Description:</b> Astro 320 Handheld	<b>Part number:</b> 010-00976-10	<b>UPC:</b> 753759975951	<b>MRP:</b> \$449.99 USD
				<b>Net:</b> \$404.99 USD

## PHYSICAL SPECIFICATIONS:

T 5 mini dog device	
Unit dimensions (W x H x D):	3.1" x 1.8" x 1.4" (7.8 x 4.5 x 3.5 cm)
Weight:	Transmitter and antenna (w/o collar) = 5.1 oz (145 g) Total weight (w/collar) = 7.0 oz (198 g)
Battery:	16-30 hours; rechargeable lithium-ion pack (included)
Water rating:	1 ATM (10 meters) <sup>2</sup>
Interface:	USB
Neck circumference:	minimum of 9.5" (24 cm)
Compatible collar straps:	3/4" (1.9 cm)
Handheld compatibility:	Astro® 320 or Alpha® 100 <sup>1</sup>

For physical specifications on Astro 320 handheld, please visit the [product page](#).

## SHIPPING AND CASE PACK:

	T 5 mini	Astro 320/T 5 mini Bundle
Gift box dimensions: (W x H x D)	9.5" x 7.8" x 3.2" (24.1 x 19.8 x 8.1 cm)	12.1" x 10.5" x 2.8" (30.7 x 26.7 x 7.1 cm)
Gift box weight:	1 lb, 7 oz (652 g)	2 lbs (907 g)
Master carton dimensions: (W x H x D)	27.9" x 11.6" x 17.7" (70.9 x 29.5 x 45.0 cm)	25.6" x 12.9" x 18.9" (65.0 x 32.8 x 48.0 cm)
Master carton weight:	29 lbs (13 kg)	28 lbs (12.7 kg)
Master carton quantity:	18	12

## PRODUCT COPY:

## T 5 mini Dog Device

Dog tracking device created for smaller breeds with lighter design and neck sizes as small as 9.5 inches. Compatible with both Garmin Alpha® 100 and Astro® 320 (tracking only). High-sensitivity GPS/GLONASS receiver with replaceable, rechargeable battery, up to 4-mile range, plus LED beacon lights.

## Astro® 320/T 5 mini Bundle

Astro® 320 with T 5 mini dog device is the premier tracking system for smaller breed sporting dogs or if you simply prefer a smaller, lighter dog device. Track up to 10 dogs from up to 4 miles away with a high-sensitivity GPS receiver and top-mounted GPS/GLONASS transmitter. Provides enhanced map drawing capabilities, compatibility with BirdsEye Satellite Imagery and a 3-axis electronic compass, all on a vibrant 2.6-inch color display.

## SOCIAL MADE SIMPLE:

Easily share T 5 mini via social media with the prewritten posts below. Just add your image and link to the post and you are ready to go.



Introducing the T 5 mini from @GarminFishHunt for small dogs. It has Collar Sleep Mode so you can save your battery. (Post with image)



Train your small dog with the new @GarminFishHunt (tag @GarminFishHunt) T 5 mini. It has Collar Sleep Mode so you can save the battery life of the collar when it's not in use. Come by our store or check it out here: (Post with image)

## MERCHANTISING:

## T 5/TT 15 MINI LUG-ON KIT

SKU: M00-10529-00

Size: 4.22" x 2.56" (size of 1 lug-on)

Place lug-on on your Alpha or Astro Countertop Display (sold separately). Includes 1 T 5 mini lug-on and 1 TT 15 mini lug-on (pictured below on left). Lug-on comes with clip and can be inserted on top of Alpha or Astro Countertop Display (example pictured below on right).

## LUG-ONS



## LUG-ON INSERTED ON DISPLAY



## TT 15 MINI DOG DEVICE DUMMY UNIT

SKU: M08-01486-00



## T 5 MINI DOG DEVICE DUMMY UNIT

SKU: M08-01486-10



## ASTRO 320/T 5 MINI BUNDLE PACKAGING



## T 5 MINI DOG DEVICE PACKAGING



## COMPATIBLE ACCESSORY OVERVIEW:



SKU 010-10931-00 UPC: 753759070670



SKU 010-11141-00 UPC: 753759082932



SKU 010-11828-40 UPC: 753759148720



SKU 010-11962-10 UPC: 753759111021

**MAGNETIC MOUNT ANTENNA**

Powerful remote antenna magnetically mounts to your vehicle and connects to Astro® 320 so you can track as you drive.

List price: \$39.00 Net price: \$23.40

**LONG-RANGE ANTENNA**

This portable long-range antenna connects to your Astro 320 to extend tracking range when locating your dogs.

List price: \$69.99 Net price: \$38.49

**LI-ION BATTERY PACK (TT 15/T 5 MINI) NEW**

Use this lithium-ion battery as a replacement or spare for your TT 15 mini or T 5 mini dog device.

List price: \$34.99 Net price: \$29.74

**FIELD BAG**

Protect and transport handhelds, dog devices and accessories with this durable, zippered bag with orange interior and mesh pockets.

List price: \$32.99 Net price: \$28.04

<b>BLACK 3/4" COLLAR STRAP (SQUARE BUCKLE)</b>	010-11870-00	UPC: 753759998806	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated black collar strap, 27" (68.5 cm) long with nickel plated square buckle.	
<b>RED 3/4" COLLAR STRAP (SQUARE BUCKLE)</b>	010-11870-02	UPC: 753759998813	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated red collar strap, 27" (68.5 cm) long with nickel plated square buckle.	
<b>ORANGE 3/4" COLLAR STRAP (SQUARE BUCKLE)</b>	010-11870-03	UPC: 753759106041	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated orange collar strap, 27" (68.5 cm) long with nickel plated square buckle.	
<b>YELLOW 3/4" COLLAR STRAP (SQUARE BUCKLE)</b>	010-11870-04	UPC: 753759116217	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated yellow collar strap, 27" (68.5 cm) long with nickel plated square buckle.	
<b>GREEN 3/4" COLLAR STRAP (SQUARE BUCKLE)</b>	010-11870-05	UPC: 753759106058	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated green collar strap, 27" (68.5 cm) long with nickel plated square buckle.	
<b>BLUE 3/4" COLLAR STRAP (SQUARE BUCKLE)</b>	010-11870-06	UPC: 753759998820	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated blue collar strap, 27" (68.5 cm) long with nickel plated square buckle.	
<b>BLACK 3/4" COLLAR STRAP (ROLLER BUCKLE)</b>	010-11870-13	UPC: 753759127428	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated black collar strap, 27" (68.5 cm) long with nickel plated roller buckle.	
<b>RED 3/4" COLLAR STRAP (ROLLER BUCKLE)</b>	010-11870-14	UPC: 753759127435	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated red collar strap, 27" (68.5 cm) long with nickel plated roller buckle.	
<b>BLUE 3/4" COLLAR STRAP (ROLLER BUCKLE)</b>	010-11870-15	UPC: 753759127442	List: \$13.49	Net: \$11.47	3/4" (1.9 cm) polyurethane-coated blue collar strap, 27" (68.5 cm) long with nickel plated roller buckle.	
<b>VEHICLE POWER CABLE (FOR T 5 MINI)</b>	010-11872-00	UPC: 753759991180	List: \$21.99	Net: \$14.29	Charge your T 5 mini dog device on the go with this vehicle power cable.	
<b>AC ADAPTER CABLE (FOR T 5 MINI)</b>	010-11873-00	UPC: 753759991197	List: \$21.99	Net: \$14.29	Use adapter to charge your T 5 mini dog device by plugging into wall outlet.	
<b>USB CABLE</b>	010-10723-01	UPC: 753759052973	List: \$14.99	Net: \$8.24	Use USB cable to charge your T 5 mini or to transfer data to and from your Astro 320 and computer.	
<b>SPLIT ADAPTER CABLE (FOR T 5 MINI)</b>	010-11828-01	UPC: 753759984472	List: \$12.71	Net: \$6.99	Allows you to recharge multiple T 5 mini dog devices at the same time.	
<b>CHARGING CLIP (FOR T 5 MINI)</b>	010-11890-10	UPC: 753759122836	List: \$12.70	Net: \$10.79	Simply snap your T 5 mini dog device to this charging clip when not in use to recharge battery.	
<b>RECHARGEABLE NiMH BATTERY KIT (FOR ASTRO 320)</b>	010-11343-00	UPC: 753759096625	List: \$24.99	Net: \$17.49	Charge 2 AA NiMH batteries using an AC outlet. Includes 2 AA NiMH batteries and Int'l adapter plugs for the U.S., U.K., Europe and Australia.	
<b>STANDARD ANTENNA (FOR T 5 MINI)</b>	010-11828-10	UPC: 753759108182	List: \$17.99	Net: \$11.69	Get clear signals while training your dog with this 18½" flexible VHF antenna.	
<b>LONG-RANGE ANTENNA (FOR T 5 MINI)</b>	010-11828-11	UPC: 753759108199	List: \$19.99	Net: \$12.99	Increase your tracking range with this 22½" flexible, long-range antenna.	
<b>STANDARD ANTENNA (FOR ASTRO 320)</b>	010-10856-00	UPC: 753759068301	List: \$20.00	Net: \$11.00	Replacement antennas for your Alpha 100 or Astro 320 handhelds. Includes 2 antennas.	
<b>LONG-RANGE ANTENNA (FOR ASTRO 320)</b>	010-10856-30	UPC: 753759979959	List: \$26.99	Net: \$17.54	13" flexible, long-range VHF antenna increases training range.	

For more information, please visit the [product page](#).<sup>1</sup>T 5 mini is compatible with Astro 320 and Alpha 100. T 5 mini can be configured for operation with either handheld, but can NOT be tracked simultaneously by both Astro 320 and Alpha 100.<sup>2</sup>Withstands pressures equivalent to a depth of 10 meters. See [Garmin.com/waterrating](http://Garmin.com/waterrating) for more details.