

June 12, 2014

New Product Announcement

T 5 Dog Collar

Astro® 320/T 5 Bundle

Introducing the new T 5 tracking dog collar, now available individually or bundled with our Astro 320 handheld. The T 5 offers tracking only and features GPS/GLONASS for increased signal reception, plus LED beacon lights and more. For added convenience and more compatibility options, the T 5 is also compatible with the Alpha® 100 handheld for tracking only¹.



***IMPORTANT COMPATIBILITY NOTE:** The T 5 and TT™ 15 dog collars are compatible with both the Astro 320 and Alpha 100 handhelds. The T 5 and TT 15 can be configured to operate with either the Astro 320 or the Alpha 100, but they can **NOT** be operated with the Astro 320 and Alpha 100 at the same time.

ASTRO 320 and T 5	Offers tracking only	ALPHA 100 and T 5	Offers tracking only
ASTRO 320 and TT 15	Offers tracking only; TT 15 offers both tracking and training, however Astro 320 does <u>not</u> support training option	ALPHA 100 and TT 15	Offers both tracking and training

T 5 DOG COLLAR FEATURES:

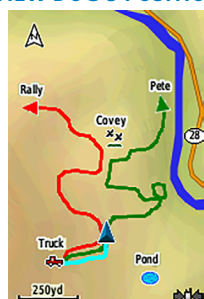
NEW LED BEACON LIGHTS	LED beacon lights on the dog collar controlled by the Astro 320 handheld for low light conditions or night use; visible up to 100 yards
NEW ASTRO 320 OR ALPHA 100	Compatible with the Astro 320 or Alpha 100 handhelds¹
GPS / GLONASS	Top-mounted, high-sensitivity GPS and GLONASS receiver for increased signal reception; T 5 dog collar 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 the Astro 320
LONG BATTERY LIFE	Includes user replaceable, rechargeable Li-ion battery pack that lasts from 20 to 40 hours per charge
RUGGED / DURABLE	Tough, durable dog device with water rating of 1ATM (10 meters)²
LONG RANGE ANTENNA	Includes flexible 18½" standard VHF antenna, and flexible 22½" extended-range VHF antenna for even more range
REPLACEABLE COLLAR STRAPS	Easily switch out your collar straps with our polyurethane-coated 1" nylon collar straps, available in multiple colors (sold separately)

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

ASTRO 320 HANDHELD FEATURES:

MULTI-DOG TRACKING	Track up to 10 dogs with additional T 5 dog devices (may also use TT 15 dog collars for tracking only), each sold separately. Tracks from up to 9 miles 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 TOUCHSCREEN	2.6" color display
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
BASESTATION	Load your laptop with BaseStation software to turn it into a field control center for tracking multiple dogs/hunters. View real-time GPS information on the larger display of your computer

VIEW DOG'S POSITION



DOG INFO PAGE



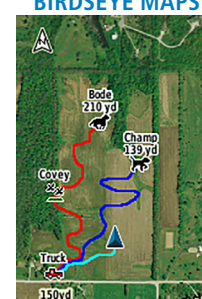
DOG TRACKING



OPTIONAL TOPO U.S. 100K MAPS



OPTIONAL BIRDEYE MAPS



¹T 5 is only compatible with the Astro 320 and Alpha 100. T 5 can be configured for operation with either handheld, but can NOT be tracked simultaneously by both the Astro 320 and Alpha 100.
²Withstands pressures equivalent to a depth of 10 meters. See garmin.com/waterrating for more details.

PRODUCT COMPARISON:

Dog Collars	T 5	DC™ 50	TT™ 15	TT 10
High-Sensitivity GPS	•	•	•	•
GLONASS	•	•	•	
Stimulation levels			•	•
Tone			•	•
Vibration			•	
LED beacon lights	•		•	•
Rescue mode	•	•	•	•
Contact points (long & short)			•	•
Includes two antennas (18½" & 22½")	•	•	•	
VIRB® control	w/ Alpha® 100 only		w/ Alpha 100 only	
Top-mounted GPS antenna color	Orange	Black	Black	Black
Water rating	1ATM(10m) ¹	1ATM(10m) ¹	1ATM(10m) ¹	1ATM(10m) ¹
Battery life	20-40 hrs	26-54 hrs	20-40 hrs	20-40 hrs
Battery type	rechargeable lithium-ion	rechargeable lithium-ion	rechargeable lithium-ion	rechargeable lithium-ion
Replaceable 1" collar straps	•	•	•	•
Handheld compatibility	Astro® 320 or Alpha 100 ²	Astro 320	Astro 320 or Alpha 100 ²	Alpha 100

PRODUCT CONFIGURATIONS:

*IMPORTANT NOTES:

-We are still in the process of obtaining FCC authorization for these devices so the fulfillment of any order from a distributor or dealer and the delivery of the products are contingent upon our receipt of this FCC authorization. We expect to receive the FCC authorization shortly.

-Current Astro 320 or Alpha 100 users must update software on handheld before using the new T 5 and TT 15 dog collars. Download free software update by visiting: <http://software.garmin.com/en-US/express.html>

New Dog Collar

T 5 Dog Collar	010-01041-70	T 5 tracking dog device w/ rechargeable Li-ion battery, 1" blue collar strap, 18½" standard & 22½" extended range antennas, charge clip, AC adapter, vehicle power cable, manual <i>Compatible with Astro 320 or Alpha 100 handhelds²</i>		
UPC: 753759124670		Minimum Retail Price (MRP): \$249.99 USD	Net Price: \$224.99 USD	AVAILABLE JULY 2014



New Bundle

Astro 320/T 5 Bundle	010-01041-60	Astro 320 handheld, T 5 tracking dog device w/ rechargeable Li-ion battery, 1" orange collar strap, belt clip, 5" standard & 13" extended-range antennas (for Astro), 18½" standard & 22½" extended-range antennas (for T 5), charge clip, AC adapter, vehicle power cable, USB cable, manual		
UPC: 753759124663		Minimum Retail Price (MRP): \$599.99 USD	Net Price: \$539.99 USD	AVAILABLE JULY 2014



Handheld

Astro 320 Handheld	010-00976-10	Astro 320 tracking handheld, 5" standard & 13" extended-range antennas, belt clip, USB cable, manual <i>Compatible with DC 50, T 5 and TT 15 dog collars for tracking only</i>		
UPC: 753759975951		Minimum Retail Price (MRP): \$449.99	Net Price: \$404.99	NOW SHIPPING



MERCHANDISING:

ASTRO COUNTER TOP DISPLAY

SKU: M00-10328-00

Size: 14"W x 8"D x 17"H

Attractive wood veneer display with contrasting header and info plates showcases a tethered Astro 320 handheld dummy unit and a dummy T 5 dog device.

Includes hard mounted reference booklet updated with the latest features with the T 5 collar unit.



DUMMY UNIT

SKU: 010-M1041-70

Dummy Unit, T 5 Dog Collar (with Orange Collar)

¹Withstands pressures equivalent to a depth of 10 meters. See garmin.com/waterrating for more details.

²Astro 320 and Alpha 100 will work with both T 5 and TT 15 dog collars separately; you may NOT track the T 5 and TT 15 collars with an Astro 320 and Alpha 100 at the same time.

PRODUCT COPY:

T 5

53 WORDS

GPS/GLONASS dog tracking device and collar

Dog tracking only device with collar for use with both the Garmin Astro® 320 or the Alpha® 100. High-sensitivity GPS/GLONASS receiver with rechargeable battery. Up to 9 mile range. LED beacon lights. Rugged and water-rated to 10 meters¹ and tough enough to run wherever your dog runs.

¹1ATM -- withstands pressures equivalent to a depth of 10 meters. See garmin.com/waterrating for more details.

Astro 320 / T 5 Bundle

33 WORDS

Astro® 320 with T 5 device is the premier GPS/GLONASS tracking system for sporting dogs. Very easy to use, it pinpoints your dog's position at up to 9 miles on a bright color screen.

60 WORDS

The Astro® 320 with T 5 device is the premier tracking system for sporting dogs. Track up to 10-dogs at up to 9 miles with high-sensitivity GPS receiver and top-mounted GPS/GLONASS transmitter. Provides enhanced map drawing capabilities, BirdsEye™ Satellite Imagery compatibility, and a 3-axis electronic compass. All on a vibrant 2.6" color display that is easy to read in any light.

121 WORDS

The Astro® 320 with T 5 device is the premier tracking system for sporting dogs. Track up to 10-dogs at up to 9 miles with high-sensitivity GPS receiver and GPS/GLONASS transmitter. Provides enhanced map drawing capabilities, BirdsEye Satellite Imagery compatibility, and a 3-axis electronic compass. All on a vibrant 2.6" color display that is easy to read in any light. Included in the Astro 320 handheld system is the new T 5 dog device and collar strap. The T 5 features a top-mounted, high-sensitivity GPS/GLONASS transmitter with a housing that keeps the tough, flexible braided stainless steel VHF antenna upright to improve reception. It's tough enough to run wherever your dog runs. Also compatible with TT™ 15 dog device and collar (provides tracking only).

PHYSICAL & PERFORMANCE:

T 5 Dog Collar

Unit dimensions (WxHxD):	3.5 x 1.75 x 1.85" (8.9 x 4.4 x 4.7 cm)
Weight of transmitter and antenna:	6.6 oz (188 g)
Total weight (w/ collar):	9.3 oz (265 g)
Battery life:	20-40 hours
Battery type:	rechargeable lithium-ion pack (included)
Interface:	USB
Water rating:	1 ATM (10 meters) ¹
High-sensitivity GPS/GLONASS receiver:	Yes
Vibration:	No
Stimulation/tone:	No
LED beacon lights:	Yes
Rescue mode:	Yes
Replaceable collar straps:	Yes, compatible w/ 1" (2.54 cm)
Handheld compatibility:	Astro 320 or Alpha 100 ²

SHIPPING AND CASE PACK:

T 5 Dog Device (010-01041-70)

Gift box dimensions (WxHxD):	9.5 x 7.8 x 3.2" (24.1 x 19.8 x 8.1 cm)
Gift box weight:	1 lb, 12 oz (794 g)
Master carton quantity:	18 pcs/carton
Master carton dimensions (WxHxD):	27.9 x 11.6 x 17.7" (70.9 x 29.5 x 45.0 cm)
Master Carton Weight:	35 lbs (16 kg)

Astro 320/T 5 Bundle (010-01041-60)

Gift box dimensions (WxHxD):	12.1 x 10.5 x 2.8" (30.7 x 26.7 x 7.1 cm)
Gift box weight:	2 lb, 5 oz (1049 g)
Master carton quantity:	12 pcs/carton
Master carton dimensions (WxHxD):	25.6 x 12.9 x 18.9" (65.0 x 32.8 x 48.0 cm)
Master Carton Weight:	32 lbs (14.5 kg)

Astro 320 Handheld (010-00976-10)

Gift box dimensions (WxHxD):	12.1 x 10.5 x 2.8" (30.7 x 26.7 x 7.1 cm)
Gift box weight:	1 lb, 6 oz (624 g)
Master carton quantity:	12 pcs/carton
Master carton dimensions (WxHxD):	25.6 x 12.9 x 18.9" (65.0 x 32.8 x 48.0 cm)
Master Carton Weight:	21 lbs (9.5 kg)

¹Withstands pressures equivalent to a depth of 10 meters. See garmin.com/waterrating for more details.

²T 5 is only compatible with the Astro 320 and Alpha 100. T 5 can be configured for operation with either handheld, but can NOT be tracked simultaneously by both the Astro 320 and Alpha 100.

Astro 320 Handheld

Unit dimensions (WxHxD):	2.4 x 6.3 x 1.4" (6.1 x 16.0 x 3.6 cm)
Display size (WxH):	1.43 x 2.15" (3.6 x 5.5 cm); 2.6" diag (6.6 cm)
Display resolution (WxH):	160 x 240 pixels
Display type:	transflective, 65-K color TFT
Weight:	9.2 oz (260.1 g) with batteries
Battery:	2 AA (not included); NiMH / Lithium recommended
Battery life:	up to 20 hours
Water rating:	IPX7 (1m/30min) ³
High-sensitivity GPS receiver:	Yes
Frequency band:	MURS
Range:	9 miles
Interface:	USB
Preloaded maps:	Basemap only
Ability to add maps:	Yes
Built-in memory:	1.7 GB
Accepts data cards:	microSD™ card (not included)
BirdsEye compatible:	Yes
Custom maps compatible:	Yes
Waypoints/favorites/locations:	2000
Routes:	200
Track log:	10,000 points, 200 saved tracks
Automatic routing:	Yes (with optional mapping for detailed roads)
Touchscreen:	No
Electronic compass:	Yes
Barometric altimeter:	Yes
Emergency alert:	No
Photo navigation (geotagged):	Yes
Hunt/fish calendar:	Yes
Sun/moon information:	Yes
Tide tables:	Yes
Area calculation:	Yes
Custom POIs (ability to add more):	Yes
Unit-to-unit transfer:	Yes
Garmin Connect™ compatible:	Yes

³Withstands incidental exposure to water of up to 1 meter for up to 30 minutes. See garmin.com/waterrating.

COMPATIBLE ACCESSORY OVERVIEW:



SKU 010-10931-00 UPC: 753759070670

MAGNETIC MOUNT ANTENNA

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

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



SKU 010-11141-00 UPC: 753759082932

PORTABLE LONG-RANGE ANTENNA

Connects to Astro 320 to extend tracking range when locating your dogs.

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



SKU 010-11828-03 UPC: 753759992507

LI-ION BATTERY PACK (FOR T 5)

Charge your T 5 dog device with this lithium-ion battery pack. Carry extra batteries with you for extended outings.

List price: \$39.99 Net price: \$25.99



SKU 010-11962-10 UPC: 753759111021

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

ORANGE 1" COLLAR	010-11892-00	UPC: 753759992521	List: \$13.99	Net: \$9.09	1" (2.5 cm) nylon orange collar, 27" (68.5 cm) long with nickel plated square buckle and keeper.	
BLACK 1" COLLAR	010-11892-01	UPC: 753759992538	List: \$13.99	Net: \$9.09	1" (2.5 cm) nylon black collar, 27" (68.5 cm) long with nickel plated square buckle and keeper.	
RED 1" COLLAR	010-11892-02	UPC: 753759992545	List: \$13.99	Net: \$9.09	1" (2.5 cm) nylon red collar, 27" (68.5 cm) long with nickel plated square buckle and keeper.	
BLUE 1" COLLAR	010-11892-04	UPC: 753759992552	List: \$13.99	Net: \$9.09	1" (2.5 cm) nylon blue collar, 27" (68.5 cm) long with nickel plated square buckle and keeper.	
GREEN 1" COLLAR	010-11892-06	UPC: 753759992569	List: \$13.99	Net: \$9.09	1" (2.5 cm) nylon green collar, 27" (68.5 cm) long with nickel plated square buckle and keeper.	
YELLOW 1" COLLAR NEW	010-11892-08	UPC: 753759127039	List: \$13.99	Net: \$11.89	1" (2.5 cm) nylon yellow collar, 27" (68.5 cm) long with nickel plated square buckle and keeper.	
SMALL ORANGE 1" COLLAR	010-11892-10	UPC: 753759992576	List: \$13.99	Net: \$9.09	Small 1" (2.5 cm) nylon orange collar, 10.5" (26.7 cm) to 22.5" (57.2 cm) long with nickel plated square buckle and keeper; for smaller dogs.	
HARD CARRYING CASE (FOR ASTRO 320/T 5 BUNDLE)	010-12042-00	UPC: 753759111199	List: \$40.00	Net: \$34.00	Protect your Astro 320 handheld and T 5 device with this hard carrying case. Includes case only.	
VEHICLE POWER CABLE (FOR T 5)	010-11872-00	UPC: 753759991180	List: \$21.99	Net: \$14.29	Charge your T 5 dog device on the go with this vehicle power cable.	
AC ADAPTER CABLE (FOR T 5)	010-11873-00	UPC: 753759991197	List: \$21.99	Net: \$14.29	Use adapter to charge your T 5 dog device by plugging into wall outlet.	
SPLIT ADAPTER CABLE (FOR T 5)	010-11828-01	UPC: 753759984472	List: \$12.71	Net: \$6.99	Allows you to recharge multiple T 5 dog devices at the same time.	
USB CABLE	010-10723-01	UPC: 753759052973	List: \$14.99	Net: \$8.24	Use this USB cable to charge your T 5, or to transfer data to and from your Astro 320 and computer.	
CHARGING CLIP NEW (FOR T 5)	010-11828-20	UPC: 753759127015	List: \$14.99	Net: \$12.74	Use clip to recharge your T 5 dog device using AC adapter, vehicle power cable or USB cable.	
STANDARD ANTENNA (FOR T 5)	010-11828-10	UPC: 753759108182	List: \$17.99	Net: \$11.69	Get clear signals while training your dog with this 18 1/2" flexible VHF antenna.	
LONG-RANGE ANTENNA (FOR T 5)	010-11828-11	UPC: 753759108199	List: \$19.99	Net: \$12.99	Increase your tracking range with this 22 1/2" flexible, long-range antenna.	
STANDARD ANTENNA (FOR ASTRO 320)	010-10856-00	UPC: 753759068301	List: \$20.00	Net: \$11.00	Replacement antennas for your Alpha® 100 or Astro 320 handhelds. Includes 2 antennas.	
LONG-RANGE ANTENNA (FOR ASTRO 320)	010-10856-30	UPC: 753759979959	List: \$26.99	Net: \$17.54	13" flexible, long-range VHF antenna includes up to 9 miles increased training range.	
RECHARGEABLE NIMH BATTERY KIT (FOR ASTRO 320)	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.	

CONTINUED.....COMPATIBLE ACCESSORY OVERVIEW:

LANYARD CARABINER	010-11854-00	UPC: 753759990121	List: \$14.99	Net: \$12.74	Easily attach your handheld to lanyard which securely holds carabiner to belt, jacket, or bag.	
CARABINER CLIP	010-11022-20	UPC: 753759098179	List: \$12.99	Net: \$7.14	Keep handheld within reach while on the move. Device fits securely into mount and clips on belt.	
RETRACTABLE LANYARD	010-10888-00	UPC: 753759066604	List: \$24.99	Net: \$14.99	Keep your handheld close by and secure with this retractable lanyard.	
QUICK RELEASE LANYARD	010-11733-00	UPC: 753759980283	List: \$13.99	Net: \$9.09	Attach handheld to quick release lanyard and wear it around your neck for hands-free action.	
SPINE BELT CLIP	010-11734-20	UPC: 753759980375	List: \$9.99	Net: \$5.99	Keep handheld within reach. Simply snap device securely into mount and clamp to your belt.	
SWIVEL BELT CLIP	010-11022-10	UPC: 753759093662	List: \$7.23	Net: \$4.70	Keep handheld within reach. Snap device onto mount and clamp to belt; swivels for easy access	
NAVIGATION KIT	010-10851-10	UPC: 753759082277	List: \$49.99	Net: \$27.49	Snap handheld into this mount for easy viewing. Includes suction cup mount, vehicle power cable and dashboard disc.	
FRICTION MOUNT	010-11602-00	UPC: 753759975463	List: \$44.99	Net: \$26.99	Mount your handheld on the dashboard for easier navigation as you drive your vehicle.	
BIKE/CART MOUNT	010-11023-00	UPC: 753759074654	List: \$9.99	Net: \$5.49	Simply snap handheld into this mount and attach to bike or cart. Includes 4 cable ties.	
CART MOUNT	010-11031-00	UPC: 753759075880	List: \$29.99	Net: \$16.49	Secure your handheld to any flat surface with this adjustable mount. Screws not included.	
TEMPE™	010-11092-30	UPC: 753759993122	List: \$29.99	Net: \$20.99	Transmit temperature data wirelessly to your handheld. Attach to pack, jacket or shoe.	
CHIRP™	010-11092-20	UPC: 753759969820	List: \$22.99	Net: \$19.54	Wireless geocaching beacon can communicate with, and be programmed by your Astro 320.	
HEART RATE MONITOR	010-10997-00	UPC: 753759074852	List: \$60.00	Net: \$33.00	Worn around chest during activity and wirelessly transmits heart rate to Astro 320.	
PREMIUM HEART RATE MONITOR - SOFT STRAP	010-10997-07	UPC: 753759003456	List: \$69.99	Net: \$59.49	Soft-strap worn around chest during activity, wirelessly transmits heart rate to Astro 320.	

For more information on compatible accessories, please visit the product page at www.garmin.com.