

THE WORLD'S FIRST AUTOMOTIVE NAVIGATION SYSTEM THE ETAK NAVIGATOR™



No Training Required. The Navigator was designed for ease of use; no training is required. Using the Navigator is as easy as using most automobile accessories. Should you ever need assistance or a reminder, the Navigator will provide helpful instructions on the display screen.



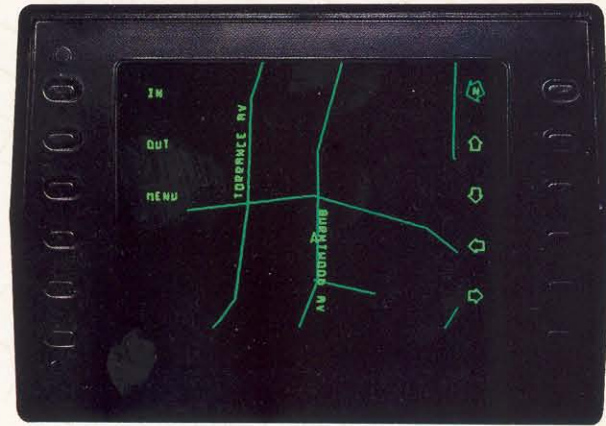
Just start your engine and drive away—your correct position will be displayed automatically. The system requires no programming or external communication source, and does not accumulate positioning error—no matter where you start or stop, the Navigator will continue to display your current position.

ETA

NAV



The Navigator Model 450 is an attractive addition to virtually any size vehicle.



Zoom-In Display.

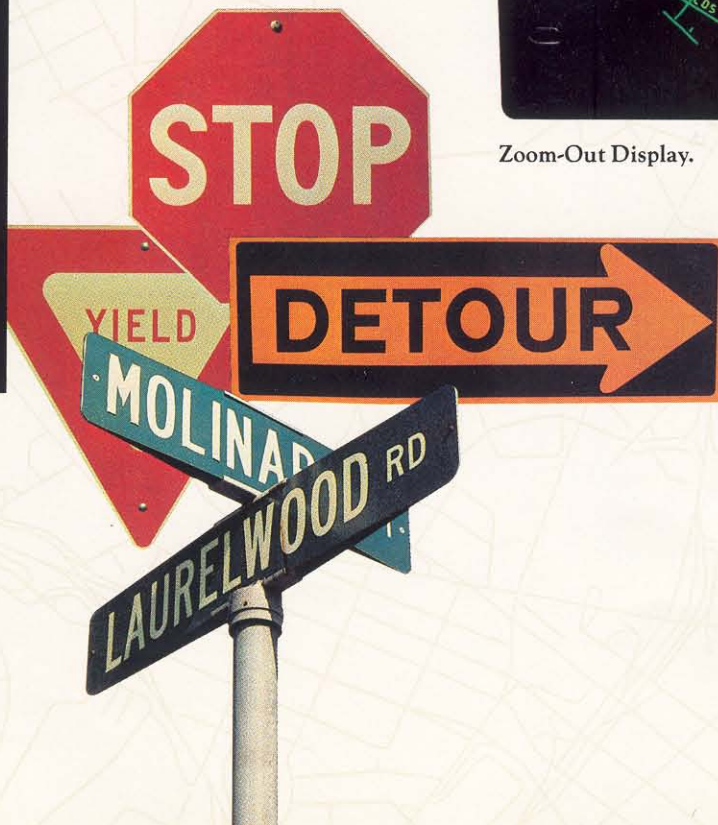


Zoom-Out Display.

Zoom-In, Zoom-Out

The touch of a button lets you zoom-in or zoom-out for a detailed close-up or larger overview. At the most detailed level every street is shown. The widest zoom level gives you a look at the national interstate system.

The scan button can be used to view areas of the map outside your current driving area. Scanning is useful for trip planning. The map can be scanned at any zoom level and will return to your current driving area by touching a single button.



J G A T O B

EtakMaps—a View of the Neighborhood or the Nation.

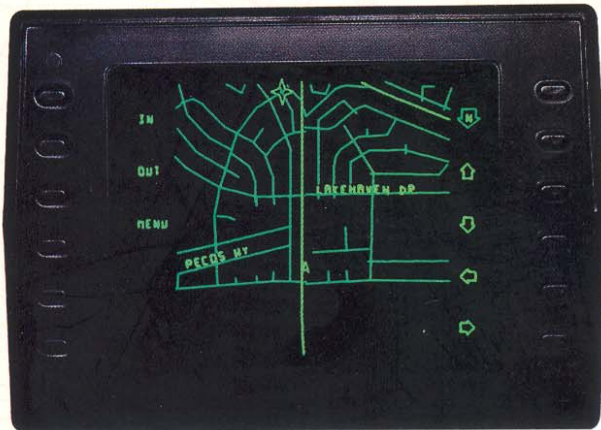
Electronically-stored maps, called EtakMaps, represent a dramatic improvement over paper maps in ease of reading and available information.

Each inexpensive EtakMap™ cassette contains every street and address for an area about twice that of ordinary paper maps, major state and regional roads, plus national interstates.

And regardless of the detail level you choose to display, EtakMaps are clearly marked and easily read from the driver's position behind the wheel.



Map Index.



Display with Destination.

Select and Display Destinations

By scrolling through the EtakMap index, you can select and display destinations, by street address, intersection or landmark—in seconds.

The destination appears as a small flashing star along with your current location and the distance between the two.

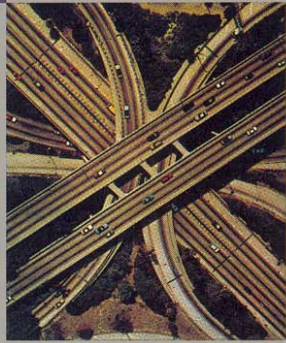
Should a zoom level be selected that does not include the destination star, a directional arrow will appear, constantly pointing to the off-screen destination.



A Tool for all Drivers. The Etak Navigator offers wide-ranging benefits for commercial and consumer applications.

Imagine—never being lost again. Frustrating driving conditions, wrong turns, missed exits, and poorly-chosen routes will practically disappear. You'll develop a whole new feeling of driving confidence.

Wherever drivers need to travel in minimum time, at minimum cost with safety and control, the Etak Navigator makes getting there easier and more dependable than ever before.



A Major Breakthrough in Road Navigation. The Etak Navigator ushers in a new era of effortless driving efficiency. Featuring an easily-mounted viewing screen that displays electronic road maps, the Navigator™ system provides a continuous and automatic pinpointing of your current location—

wherever you drive.

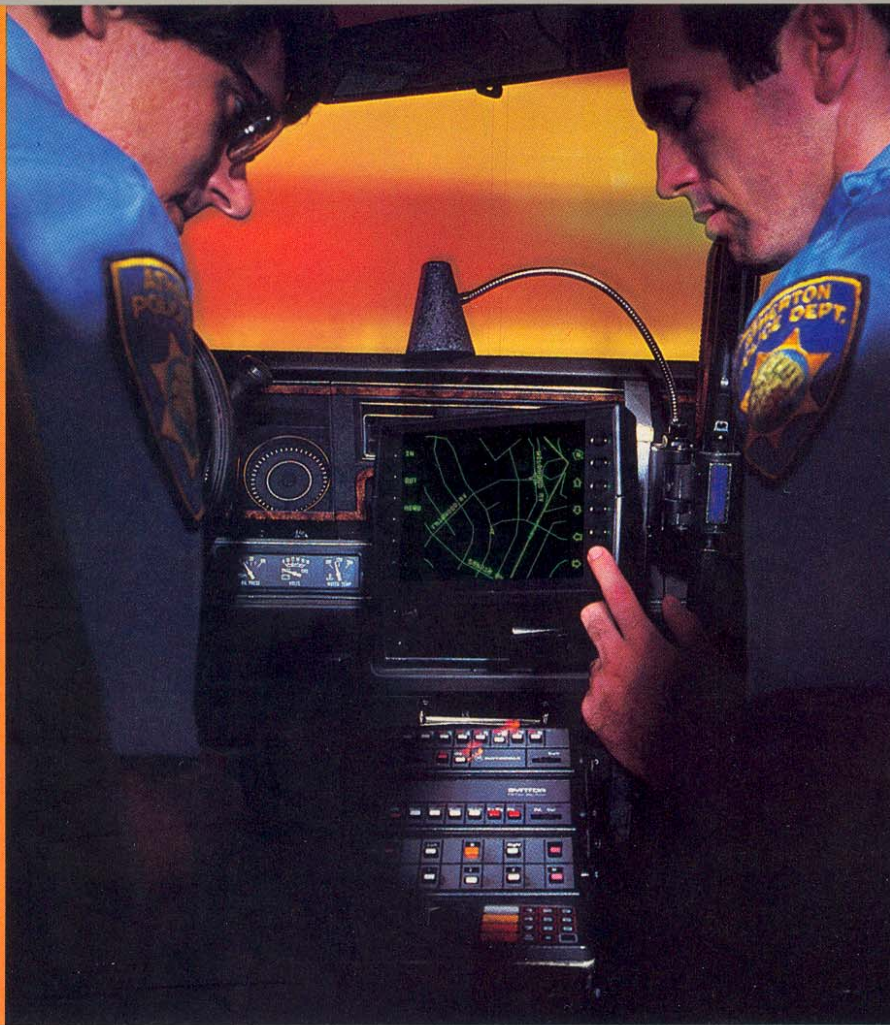
If you wish to see a destination displayed in relation to your present location, simply enter it into the system. Your destination will appear as a flashing star. Let the Navigator guide you on the shortest, easiest route.

As you drive, your position on the screen remains constant, and the map moves accordingly. Just as streets “go by” when driving, the same streets go by on the screen providing clear and consistent orientation. And, you see surrounding streets, freeways and major landmarks as your vehicle remains clearly visible in the center of the screen.

This innovative system does away with cumbersome paper maps and dependence on often-confusing verbal directions. Driv-

ing time and mileage are reduced along with frustration and anxiety.

The Navigator helps all drivers get where they are going the fastest and easiest way. No wrong turns. No fear of becoming lost—you'll never need directions again.



The Navigator Model 700 features a large 7" display screen and is ideal for business and commercial use.



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Choice of Two Models.

Model 450 offers a 4½" display with a flexible stalk for mounting.

Model 700 features a 7" display and is ideal for commercial applications.

Rugged Design, Easy Installation.

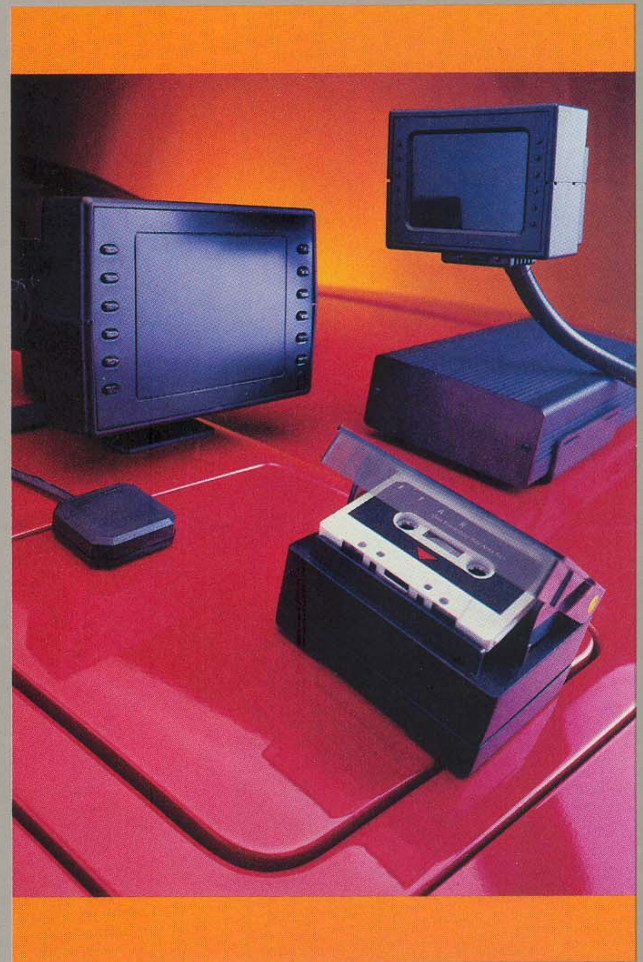
The Navigator installs quickly and easily with no modifications to your vehicle.

The electronics box can mount under a seat or in the trunk, the tape drive anywhere in the vehicle. Both display models install with simple brackets.

The Navigator has been designed to meet the most demanding vehicle operating environment. The modular design makes servicing easy.

Specifications

Power Consumption	12v, 36 watts—operating 12v, .12 watts—standby
Display	Model 700, 7 inch screen (diagonal) Model 450, 4.5 inch screen (diagonal) Vector graphic display 1024H×770V resolution Automatic brightness control Anti-glare screen
Tape Drive	5"×2¾"×3¾", 80 ips
Electronics Package	12¾"×6"×2½"
Compass	Solid state flux-gate magnetic sensor
Navigation Technique	Dead reckoning, augmented with map correlation
Average Positional Accuracy . .	Within 50 feet
Map Scale	Variable from ¼ mile to 4000 miles
Functions	Zoom, scan, destination, calibrate, relocate, north-up, heading-up



The Navigator Model 700 and Model 450 include a 7" or a 4½" display unit, a tape drive (shown with EtakMap cassette), an electronics package, and a compass.