

Earthmate[®] PN-40



GPS for Serious Outdoor Adventures

Earthmate PN-40 – Comprehensive Description

Serious Performance

- Blazing-fast, high-sensitivity 32-channel STMicroelectronics Cartesio chipset
- Dual-core processor for instantaneous map and satellite imagery redraws, even with large aerial imagery files and multiple maps layers
- 360° raster rotation sets the PN-40 apart from other common GPS handhelds. With 360° rotation road, building, and other images really are on your left or right as you look at the map and walk, bike or drive
- 3-axis electronic compass with included accelerometer performs when held in any position—while in motion or standing still
- Sensitive barometric altimeter for reliably accurate altitude readings
- WAAS-enabled for accuracy within 3 meters
- Support for high-capacity SD cards (up to 32 GB) for fast and direct map transfer from the included maps discs

Serious Maps

Included – multiple discs containing detailed topographic and street maps of the entire USA and Canada, for display on the PN-40.

Also Included: A \$40 certificate for downloading sample supplementary datasets DeLorme offers: high-resolution color aerial imagery, USGS 1:24,000 (7.5-min.) and Natural Resources Canada 1:50,000 topo maps, NOAA nautical charts, and more. Layer them with your Topo North America GPS maps for multiple geographic views of any location.

Low-Cost Subscription: Once you're convinced, subscribe to the DeLorme MapPack for only \$29.95 per year and unlimited downloads. MapPack cards are available as Earthmate PN-Series accessories. Check your reseller's retail store or website.

DigitalGlobe Satellite Imagery: Ultra high-resolution satellite and aerial imagery for display on your PN-40. Also available by subscription for only \$29.95 per year (unlimited downloads).

Seriously Tough

- The PN-40 is waterproof to the IEC 529 IPX7 standard
- Designed to function in high-humidity environments, including consistent humidity levels over 90%, and in the rain
- The PN-40 has been rigorously tested to function in high-vibration conditions such as off-road driving
- Operating temperature range for the PN-40 is -20 degrees C to +75 degrees C. The PN-40 should function in extreme cold as well as rapidly-changing temperature environments

Serious Value

- No one else offers COMPLETE U.S. and Canada routable topographic and street maps with your initial purchase
- The \$29.95 subscriptions to the DeLorme MapPack and DigitalGlobe Satellite Imagery enable unlimited supplemental map and imagery downloads

What Else Should I Know?

High-Performance Technology

Features STMicroelectronics Cartesio chipset and updated DeLorme firmware for amazing signal acquisition and retention, and blazing-fast map scrolling and redraw – even with multiple layers of imagery, topo and street maps.

Multiple Views of the Same GPS Location

On-device data layering lets you select which map or imagery type to see of your GPS location. Switch among data types to gain a comprehensive view of where you are.

Bright Color Screen

Works in bright sunlight to total darkness. Utilizes transfective screen technologies to maximize visibility under a variety of lighting conditions.

Rugged and Waterproof

Conforms to IPX7 waterproof standard and meets Mil STD 810F for impact-resistance. Rubberized housing for a solid grip. Concealed battery compartment with SD card slot. Includes two AA batteries.

Easy Exchange of Maps, Tracks, and Waypoints

Exchange routes, tracks and waypoints between the GPS and Topo North America.

Extensive On-Device Memory

500 MB of user-available internal memory available in addition to the pre-loaded world base map. Holds up to 100 routes. GPX file support for saving waypoints and tracks on device or to an SD cards with no maximum limits.