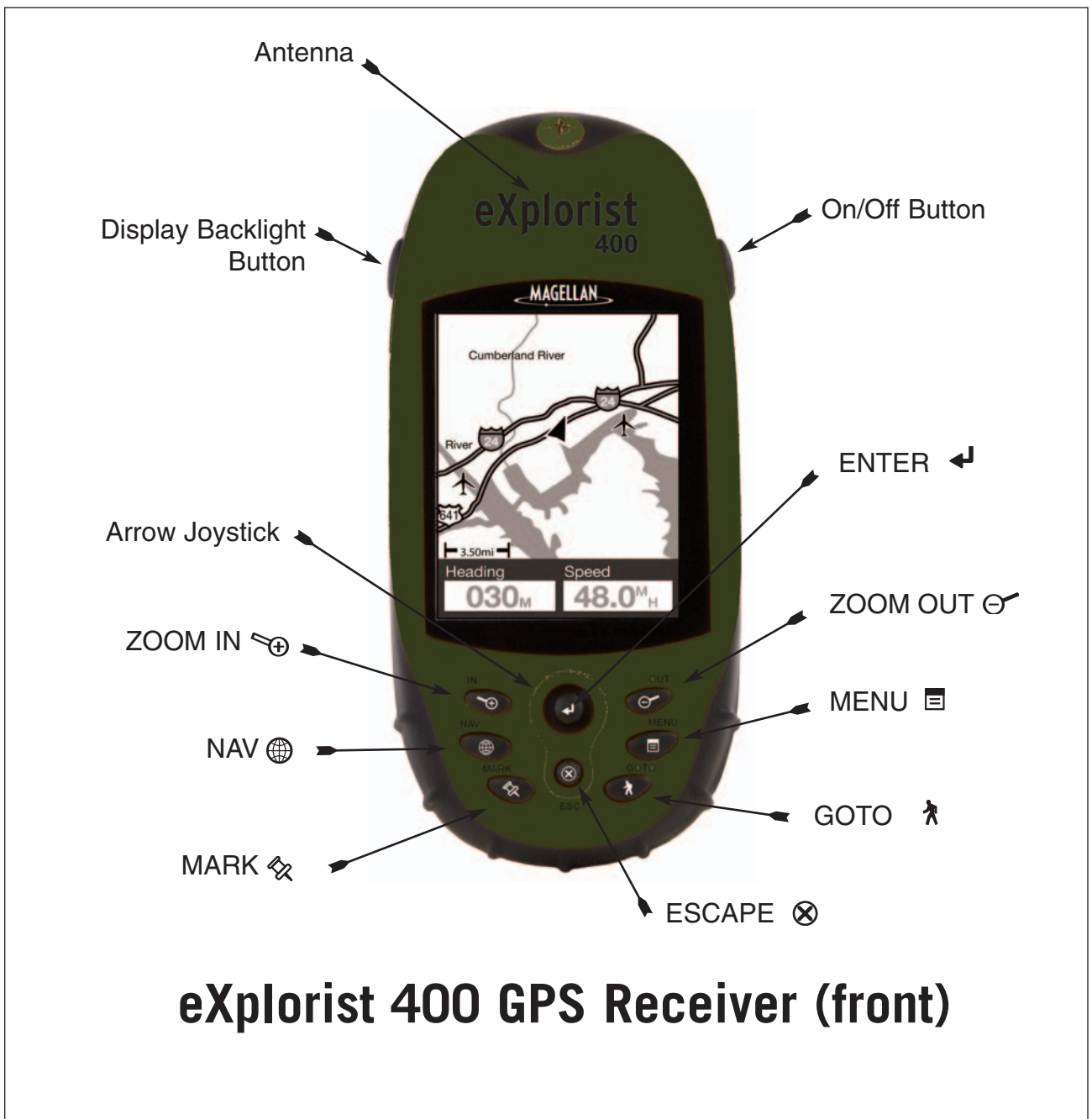










Features of the Magellan eXplorist GPS receiver:

- Built-in background map (8 MB)
- High-definition grayscale display
- Preloaded points of interest
- Rugged design, rubber-protected
- 8 MB of usable memory
- Superior tracking with 14 parallel channels
- Rechargeable Li-Ion battery
- TrueFix™ GPS technology
- 3 meter accuracy (WAAS/EGNOS)
- Multiple track logs
- Unlimited storage of data using SD cards
- Pocket-sized and waterproof to IPX-7



eXplorist 400 GPS Receiver (front)

Button Descriptions:

On/Off		Turns the eXplorist on or off.
Backlight		Turns the display backlight on. Sequences from off to low to high intensity.
ENTER		Used to access highlighted menu items or accept highlighted buttons.
ESCAPE		Cancel data inputs. Closes the accessed function and goes back to the last viewed screen. Steps backward through the navigation screens.
ZOOM IN		Used on the <i>Map</i> screen to zoom in on the map displayed. The map display can be zoomed in to 100 ft. (35.0 m). Also used to quickly step through the list of POIs when doing an alphabetical search.
ZOOM OUT		Used on the <i>Map</i> screen to zoom out on the map displayed. The map display can be zoomed out to 1700 mi (2700 km). Also used to quickly step through the list of POIs when doing an alphabetical search.
MENU		Brings up a menu with available options. Options can be selected by using the arrow joystick to highlight the option and pressing ENTER to access it.
NAV		Steps through the navigation screens. (<i>Map</i> screen > <i>Compass</i> screen > <i>Position</i> screen > <i>Satellite Status</i> screen)
MARK		Used to save your present position as a point of interest. Points of interest that you save are stored in the <i>My Points of Interest</i> portion of the database.
GOTO		Creates a one-leg route from your present position to a destination selected from the Points of Interest database or by using the cursor on the background map.
Arrow joystick		Pans the cursor on the Map screen. Moves the highlight bar to select menu options and data-entry fields.

Performance

Receiver	14 parallel-channel technology, tracks up to 14 satellites to compute and update information.	
Antenna	Patch	
Acquisition Times (optimal conditions)		
	Warm	less than 1 minute
	Cold	less than 2 minutes
	Update Rate	1 second continuous
Accuracy		
	Position	<7 meters, 95% 2D RMS w/WAAS/EGNOS <3 meters, 95% 2D RMS
	Velocity	0.1 knot RMS steady-state
Limits		
	Speed	951 MPH (1530.5 km/h)
	Altitude	60,000 ft. (18,600 meters)



Physical

Size	4.6" x 2.1" x 1.3" [h] x [w] x [d] 11.7 cm x 5.3 cm x 3.3 cm
Weight	4 ounces (110 grams) with battery installed
Display	1.8" x 1.4" [h] x [w] 4.6 cm x 3.6 cm grayscale, high-contrast LCD with backlit display
Housing	Weatherproof construction, wraparound rubber armor
Temp. Range	Operating: 14°F to 140°F (-10°C to 60°C)

Power

Source	1 rechargeable LI-ION battery.
Battery Life	Greater than 14 hours w/backlight display on low

Memory

16 MB internal memory