

# MAGELLAN

# SporTrak<sup>TM</sup>COLOR



**A Rich, Vibrant Color Screen Plus Enhanced Features in a Sporty Handheld GPS with 32 MB Built-In Maps and Memory**

## Key Features of SporTrak Color

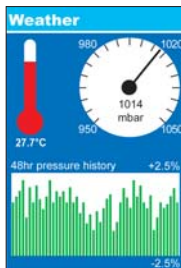
- 11 MB built-in European basemap - Includes cities, highways, airports, waterways, parks, buoys/beacons, fog signals and radar/radio.
- 21 MB built-in memory - For additional detailed map downloads.
- High resolution color display - Clearly view progress on-screen in full color. Makes maps easier to read too!
- Accuracy in all orientations - Features a 3-axis electronic compass which orients no matter how it's held, providing added confidence. The user doesn't need to hold the unit level like a compass or a 2-axis electronic compass (found in many GPS devices) to get an accurate reading. Hold it naturally. This feature is not found in handheld GPS receivers from anyone else!
- Built-in barometer for extra security - Tracks upcoming weather conditions. Never worry about getting caught unexpectedly in harsh weather.
- Easy to pack and carry - Lightweight, compact style easily fits into a pocket. Waterproof and built tough for weather challenging outings.

## Examples of SporTrak Color's Superior Navigation Screen Capabilities



### Compass Screen

- Unique to SporTrak Color and Meridian<sup>®</sup> Platinum, the 3-Axis Electronic Compass will orient no matter how it's being held.



### Barometer Screen

- SporTrak Color's Barometer screen enables the user to see the weather that's coming in vivid color.



### BlueNav Europe

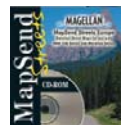
- On the map screen, users can view full color marine charts with our optional MapSend<sup>®</sup> BlueNav<sup>™</sup> CD Europe.



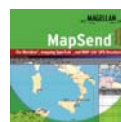
**Actual Size**  
14,2 x 5,6 cm

"Shown with optional MapSend WorldWide Basemap"

## Optional Software for SporTrak Color



MapSend Streets Europe contains highly-detailed maps that can be easily downloaded from a PC to a handheld SporTrak Color GPS receiver for a fun and simple way to navigate.



MapSend WorldWide Basemap software enables the user to create a basemap for any region of the world and upload it to a mapping Magellan<sup>®</sup> SporTrak Color GPS receiver.



# SporTrakCOLOR



## SporTrak Color Specifications

### Operational Characteristics

Position Update Rate	1 per Second
Time to First Fix	Cold < 2 Minutes Warm < 1 Minute Hot < 15 Seconds
Maximum Velocity	951 mph (1530.5 km/h)

### Physical Characteristics

Size	H 14,2 x W 5,6 x D 3 cm
Weight	192,8 grams
Display Size	5,8 x 3 cm
Display Resolution	1/8 VGA (240 x 160 pixels)
Antenna	Quadrifilar Helix
Backlit Display	Yes
Backlit Keypad	Yes
Construction	Rubber Armored Impact Resistant Plastic

### Electrical Characteristics

Batteries	2 AA
Battery Life	Up to 14 Hours
Receiver	12 Parallel Channel, WAAS/EGNOS enabled
Uploadable Memory	21 MB Built-In
User Data Backup	Indefinite - Stored in Non-volatile Flash Memory

### Position Accuracy

Horizontal Accuracy	< 7 meters, 95% 2D RMS < 3 meters, 95% 2D RMS w/WAAS/EGNOS
Vertical Accuracy	10 meters RMS
Velocity	0.1 knots RMS

### Environmental Characteristics

Waterproof	IEC-529 IPX7, Floats
Operating Temperature	14°F to 140°F/-10°C to 60°C
Altitude (operating)	Up to 60,000 ft

### Software Characteristics

Basemap	11 MB built-in basemap of cities, highways, airports, waterways, parks, fog signals, buoys/beacons, radar/radio
Coverage	Europe
Navigation Screens	9 (Map, Compass, Large Data, Status, Position 1, Position 2, Road, Speedometer, Strip Compass)
Keys	9 (Nav, Menu, Goto, Power/Light, Zoom In, Zoom Out, Esc, Arrow, Enter)
Waypoints	500
Routes	20
Track Points	2000
Topography Support	Full 3D Topo Support / with optional MapSend Topo Solutions
Alarms	Arrival, Anchor, XTE, GPS
Vertical Profiles	Tracks, Routes, Roads
Grids	Lat/Lon, UTM, OSGB, MGRS, Finnish, German, Swedish, French, Irish, Swiss, USNG, User Grid
Datums	76 Datums including 1 user-defined
Data in/out	RTCM 104(in)/ NMEA 0183 V1.5 & 2.1 (out) DGPS Ready
Languages	English, French, German, Swedish, Finnish, Spanish, Italian, Portuguese, Dutch
Special Features	Save Track to Route Satellite Status Display Built-In Help Northfinder with Sun/Moon Positions Sunrise/Sunset Calculator Best Fish & Game Calculator Horizontal Profile Address Search Tides
Ships with	
Contents Include	User Manual on CD-ROM (9 Languages), Quick Start Guide (9 Languages), PC Cable, 2AA Batteries, Wrist Strap

**SporTrak Color**  
**Part Number:**

**980616-21**

## SporTrak Color Accessories

### Part Number

980630-(01, 02, 03)  
701258  
701259  
701260  
730342  
730343  
730344  
730345  
980599  
980611  
980613-01  
980613-02  
980635-01  
980635-05  
980640

### Product Description

Belt Clip Carrying Case (Black, Green, Blue)  
Swivel Mounting Bracket  
Vehicle Mounting Bracket  
Bike Mounting Bracket  
PC Data Communications Cable  
12V External Power Cable  
External Power/Data Cable w/ Bare Wires  
External Power/Data Cable  
MapSend Streets Europe  
MapSend Topo for the United States  
MapSend Streets & Destinations in the United States  
MapSend Streets & Destinations Canada  
MapSend BlueNav CD Europe  
MapSend BlueNav CD North America  
MapSend WorldWide Basemap

### Products of Thales Navigation

Thales Navigation Consumer Products  
Z.A.C de la Fleuriaye  
B.P 433  
44474 Carquefou Cedex, France  
Tel: +33 (0) 2 28 09 38 00  
Fax: +33 (0) 2 28 09 39 39  
**www.magellangps.com**

Datasheet Part #: 830281 C

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