

Specifications : Meridian Color

Product Number	980598-18
Base Map	16 MB, built-in database of North America or Europe, including highways, major roads, parks, waterways, airports, cities marine navigation aids.
Coverage	North America or Europe
Number of Screens	9
Screens-Types	User configurable (Map, Compass, Large Data, Position, Road, Speedometer, Strip Compass)
Position Update Rate (per second)	1
Time to First Fix: Cold	<2 minutes
Time to First Fix: Warm	<1 minute or 60 seconds
Time to First Fix: Hot	<15 seconds
Maximum Velocity (mph/km/h)	951(mph)/1530(km/h)
Unit Width (inches/cm)	2.9in/7.4cm
Unit Height (inches/cm)	6.5in/16.5cm
Unit Depth (inches/cm)	1.2in/3cm
Weight (oz/gm)	8.0oz/226.8gr
Display Width (in/cm)	1.75in/4.4cm
Display Height (in/cm)	2.2in/5.6cm

Display Resolution	120 x 160
Display Resolution Color	High-Color
Antenna	Quadrifilar helix
Backlit Display	Yes
Backlit Keypad	Yes
Construction	Rubber Armored Impact Resistant Plastic
Horizontal Accuracy (meters)	<7
Vertical Accuracy (meters RMS)	10
Velocity (knots RMS)	0.1
Plotter Range Minimum (mi/km)	.01mi/0.035km
Plotter Range Maximum (mi/km)	1,700mi/2,700km
Battery Type	AA
Battery Quantity	2
Battery Life (hours)	13
Receiver (parallel channels WAAS/ EGNOS enabled)	12
Receiver WAAS/EGNOS Enabled	Yes
Uploadable Memory Form Factor	SD cards

Uploadable Memory Limit (megabytes)	128 MB
User Data Backup	Indefinite
Waterproof (IEC-529 IPX7 Standard)	Yes
Buoyancy	Floats
Emissions Certification - Immunity (EN 55022 Class B)	Yes
Emissions Certification - Susceptibility (EN 50082-1)	Yes
Operating Temp Min (F/C)	14F/-10C
Operating Temp Max (F/C)	140F/60C
Operating Altitude Max (ft/m)	60,000ft/18,288m
Waypoints	500
Routes	20
Trackpoints	2000
Grids	Lat/Lon, UTM, OSGB, MGRS, Swiss, Irish, Finnish, German, Swedish, French, USNG, User Grid
Datums	75
User-defined Datums	1
Data Input	Yes

Data Input (RTC M104 Standard)	Yes
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Data Output (NMEA 0183 V1.5 Standard)	Yes
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Data Output (NMEA 0183 V2.1 Standard)	Yes
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DGPS Ready	Yes
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Languages	English, French, German, Swedish, Finnish, Spanish, Italian, Portuguese, Dutch
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Optional accessories also sold separately

- External Antenna with an antenna cable length of 9 feet
- 3 Mounting Brackets: Available in swivel, vehicle, and bicycle configurations
- Canvas Carrying Case
- Secure Digital (SD) memory cards: Available in 16, 32 or 64 MB
- MapSend[®] Software
- Power and/or Data Cables