

V8547 Yeoman VoxGPS Navigation Unit



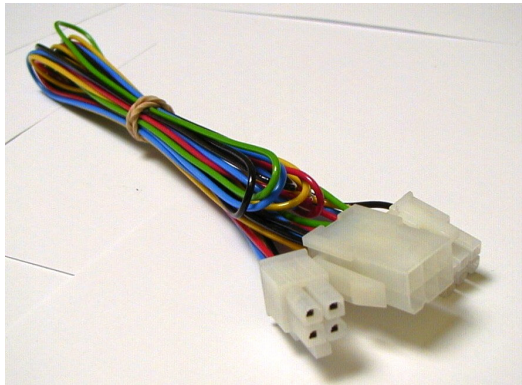
Description:

Compact 12v GPS unit for connection to laptops or PDA's. Interfaces to all standard map software with a NMEA input capability. Can also be used for data logging and tracking. Comes with additional cables that allow you to send your position over mobile phones to another unit at your base station when additional software has been installed (See notes 1,2)

Specification:

GPS unit SirfStar chipset: standard NMEA-0183 v. 2.2 data sentences:
Datum: WGS84. Sentences output:
GGA Time, position and fix type data.
GLL Latitude, longitude, UTC time of position fix and status.
GSA receiver operating mode, satellites used, and DOP values.
GSV number of GPS satellites in view, satellite ID numbers, elevation, azimuth, and SNR values.
RMC Time, date, position, course and speed data.
VTG Course and speed information relative to the ground.
Receiver Type L1 frequency 12-Channel
Max Up-date Rate 1Hz
Accuracy Position 5m CEP
Accuracy (DGPS) Position 2m CEP
Acquisition (typical): Cold Start 60 sec , Warm Start 45 sec Hot Start 2 -6sec
Signal Reacquisition 100 ms

Leads supplied:



12V in
IGN
RADIO MUTE
Microphone in/out
Speaker in/out
Serial cable

red wire: 12V, black wire: GND
blue wire: 12V for ON
yellow wire: GND for ON
electret type microphone compatible
4-8 ohm typical, 2W
plugs into mini-din 8 way J3 (nearest LEDS)
Connects to PC/laptop/pda 9 way D 19200
baud,n,8,1

Antenna supplied: SM-66 or SM76 DC 2.5 - 5.0V

Notes

- 1) We can also supply development software along with technical datasheets. See data sheet **GPS EXPLORER KIT V8518**
- 2) For added features, requires knowledge of PIC programming.
- 3) Unit has CE e1 approvals for use in vehicles.

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