

ZYF78 Full-featured Rugged Handheld GPS and GLONASS Receiver

- Full-featured with 3-axis Electronic Compass, Barometric Altimeter and Thermometer
- 2.8" display, QVGA, 240X320 pixels, 65K color sunlight-readable screen
- High-sensitivity GPS and GLONASS receiver with quad helix antenna
- Portable, Rugged and Capable of floating on the water
- Worldwide basemap preloaded, and also supports city detail, map DEM map and Raster map(Open street map, Google map)
- 4 GB of internal memory and a micro SD card slot
- Support dual battery system: Li-ion and 2AA



Product Description

ZYF78 is a high-sensitivity, WAAS, EGNOS, GAGAN, MSAS-enable GPS receiver with quad helix antenna, ZYF78 locates your position quickly and precisely and maintains its GPS location even in heavy cover and deep canyons. It is portable, rugged and capable of floating on the water. ZYF78 also supports Vector (City detail map), DEM map, and Raster map (open street map and google map etc.). ZYF78 is an ideal rugged GPS and GLONASS receiver for a large range of applications like Agriculture, Forest and Biology, Mining, Surveying, Nautical, Hydrographic studies, Engineering disciplines, Geographical (GIS) and Urban information systems, Municipalities and Public works directorates, Electricity, Electronics and so on.

Performance Parameters

Physical & Performance	
Unit dimensions, WxHxD:	6.2 x 17.2 x 3.6cm
Display resolution, WxH:	240x320 pixels, QVGA
Display size, WxH:	2.8"
Display type:	Transflective TFT, 65K colors
Weight:	197g (with Lithium battery)
Battery:	2xAA(up to 15 hours); Lithium Battery(up to 20 hours)
Waterproof:	IPX7
High-sensitivity receiver:	Yes (72 parallel channels)
Interface:	USB and NMEA 0183 compatible
Maps & Memory & GPS Performance	
Basemap:	Preload Worldwide basemap
Ability to add maps:	Yes
Built-in memory:	4GB
Accepts data cards:	Yes (microSD™ card 32G)
Waypoints/favorites/locations:	3000
Routes:	200
Track log:	400
GPS accuracy :	3-7m (GPS/GLONASS); 1-3m (GPS with SBAS)
Features	
Automatic routing:	Yes (with optional mapping for detailed roads)
Geocaching-friendly:	Yes
Custom maps compatible:	Yes
Outdoor GPS games:	Yes
Hunt/fish calendar:	Yes
Sun and moon information:	Yes
Area calculation:	Area and Perimeter Calculation
Custom POIs :	Yes
Google data compatible:	Yes
AVG:	Yes
Calculator:	Yes
Electronic altimeter, Barometric altimeter, Thermometer	Yes
Military grid reference system coordinates :	Support
PC Support Software: NAVA GPS Office (NGO)	Let you manage and export & import your waypoints, tracks and routes in multiple GPS data formats, including GPX, SHP, MIF, CSV, KML, DXF, and TXT on your PC.