

GL-770 Flyer

Overview

GL-770 features commercial grade GPS receiver to help manage your field team effectively. Its water-proof, durable all-in-one design includes audible feedback and motion sensor to give maximum battery life. GL-770 allows you to log your route by setting the interval of time/ distance/ speed. Easy to use and durable button allow field personal to record point of interest by push of a button. Through user friendly utility, it can display your track on Google Earth.


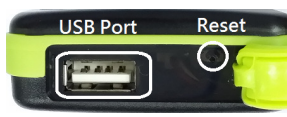








Key Features

- ⌘ Support both GPS and GLONASS
- ⌘ Support Bluetooth Smart (BT4.0) LNS service
- ⌘ Log up to 250,000 waypoints
- ⌘ More than 35 hours operation time
- ⌘ Smart log of time, distance and speed
- ⌘ Support 5Hz logging for high speed application
- ⌘ Acceleration sensor for smart power saving
- ⌘ Vibrator /beeper for POI confirmation
- ⌘ Rechargeable battery
- ⌘ IPX3 water-proof

Application

- ⌘ Record your travels
- ⌘ Manage tracks
- ⌘ Manage field team
- ⌘ Point of interest recording

 		Battery status: Green, Red Green light 1Hz blinking = Charging , Green lights On = fully charged Red light 1Hz blinking = battery <30% , Red light On= battery <10%
		Bluetooth Smart status: Blue light On = Bluetooth smart is turned on and waiting for connection Blue light 1Hz blinking = Bluetooth smart is connected
		Car mode: Blue light Led On = In car mode, device will go into sleep mode when no power supply from USB and device will wake up and start logging when there is power supply from USB.
		GPS status: Orange light: Led On = searching for satellite, Led Flashing = GPS fix & start logging
		Memory status: Red light: 3 times flashing = POI button pressed and POI recorded. 1Hz flashing = memory 80% full OFF= sleep mode Keep flashing = Erasing data
		Acceleration sensor status: Blue light: On = acceleration sensor is turned on for motion detection. Off = acceleration is turned off 1/3Hz flashing = sleep mode

Category	Parameter	Description
General	GPS Chip	SiRF star V 5e , support GPS and GLONASS
	Frequency	L1,1575.42 MHZ
Sensitivity	GPS	Acquisition:-147dBm , Tracking:-165dBm, Navigation:-160dBm
	GLONASS	Tracking:-163dBm, Navigation:-159dBm
Acquisition	Cold Start	35 sec, average
	Warm Start	30 sec, average
	Hot Start	1 sec, average
	AGPS	<15sec
Power	Battery	Rechargeable Li-Ion
	Charging time	2hrs (Typical)
	Operation Time	35hrs at continuous mode, 700hrs at sleep mode
	Power Charge	USB port Type A
Environmental	Operating	-10°C to +60°C
	Storage	-20°C to +60°C
	Charging	-10°C to +45°C
	Relative Humidity	5% to 95% non-condensing
	Waterproof	IPX3
	Crushproof	1.5 meters high free fall
Accuracy (none DGPS)	Position	Without aid: 3.0m 2D-RMS DGPS: 2.5m, 2D-RMS
	Velocity	Without aid: 0.01m/s DGPS: 0.05m/s
Dynamic	Altitude	<60,000 ft.
	Velocity	<1,000 knots
	Acceleration	4G
Interface	USB	USB type A
Protocol	LNS Output	Location and Speed: Instantaneous Speed, Total distance, latitude, Longitude, Elevation, Heading, Rolling time, UTC time Default Update rate : 1 Hz
Physical	Dimension	82x52x19mm
	Weight	<80g
	8MB memory	Up to 250,000 way points. Log GPS data by time interval / distance / speed limit. Log GPS data by push button.
Data Log	Default logged data	Date / Time/ Fix valid / Latitude / Longitude / Height/ Speed / Heading / RCR
	Maximum log rate	5Hz
Bluetooth smart	Default output data	support data, instantaneous speed, location(latitude & longitude), UTC time(date & time)
	Output rate	1Hz
Others	Sensor	Acceleration sensor for smart power saving
	Power Button	Power On/Off, Battery check
	POI Button	Point of Interest
	Vibrator	To confirm the press of POI button
	Certification	CE / FCC / MIC / BQB