

GSX2

GNSS Receiver

SPECIFICATIONS

Tracking Capability	
Number of Channels	226 channels
Tracked Signals	GPS, GLONASS, SBAS, QZSS, Galileo*, and COMPASS*
Antenna	Integrated
Positioning Accuracy	
Fast Static (L1)	H: 3mm + 0.8ppm V: 4mm + 1.0ppm
Fast Static (L1 + L2)	H: 3mm + 0.5ppm V: 5mm + 0.5ppm
Kinematic (L1, L1+L2)	H: 10mm + 1.0ppm V: 15mm + 1.0ppm
Autonomous	< 1.2m
Maximum Data Rate	20Hz
Data Management	
Memory	4GB internal memory (Firmware limit of 2GB of static data)
Communication Ports	Bluetooth, Serial, USB (Client)
Wireless Communication	
Bluetooth Modem	V.1.1; Class 1; 115,200bps
General	
Dust/Water Protection	IP67 (IEC 60529:2001)
Shock	6.56ft. (2m) pole drop
Operating Temperature	-20°C to +65°C with internal batteries; -40°C to +65°C with external power;
Display	MINTER
Size	W6 x D6 x H1.5in. (W150 x D150 x H64mm)
Weight	Approx. 1.87lb. (850g)
Power supply	
Battery	Internal
Operating Time	Up to 20 hours
External Power Connector	Yes

* Galileo and COMPASS support will be incorporated into GSX2 when these constellations have matured and are ready for commercial use.

Standard Accessories



- GSX2 main unit
- Battery charger
- Tribrach with adapter
- 10cm pole adapter
- Operation manual
- Mini USB cable
- Carrying case

SOKKIA

SOKKIA CORPORATION

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Your local Authorized Dealer is:

SOKKIA

GSX2

GNSS Receiver

Leading Edge Technology in a Rugged Design



- Integrated, Cable-free Design
- Interference-free Data Communication
- Sealed Long-life Power Supply
- Compact, Lightweight, Rugged Design

Compact. Rugged. Advanced. Affordable.

■ Versatility and Flexibility

Providing leading edge technology in a smart, rugged design, the GSX2 provides superior performance at an affordable price. The compact, integrated receiver design includes the GNSS board, sealed long-life power supply, memory storage and long-range data communication.

The GSX2 makes a great low-cost static GNSS system that can be pre-programmed and operated in the field with just one button. Use a pair of GSX2 receivers for a completely cable-free base and rover kinematic system.



At only 6 inches square, the unit is barely noticed at the top of the rover pole. Why struggle with the added weight of older technology receivers when you can have the ease of use with the GSX2.

■ Primary Features

Square "No Roll" Design

Super-Bright LEDs

Waterproof Communications and Charging Port



USB Data Port

■ Interference-free Data Communication



- The GSX2 GNSS receiver features *Bluetooth*® Class1 wireless technology for reliable data communications.
- This completely integrated receiver operates cable-free in the field, with no antennas, battery doors, or connectors to worry about.

■ Waterproof, Rugged, and Operator Friendly

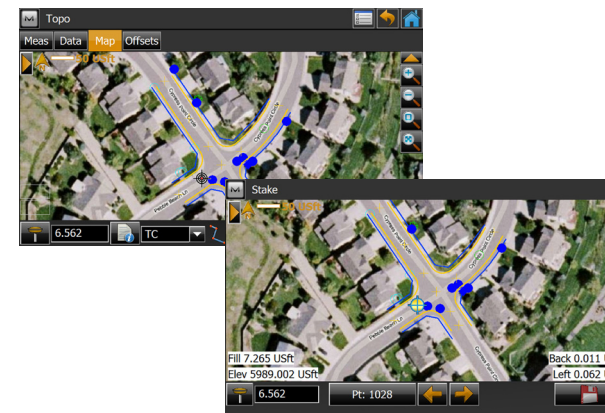
A compact, lightweight receiver built to take the most intense environmental conditions and job site punishment. The GSX2 is guaranteed to survive a 2m on-the-pole drop to concrete. The magnesium metal housing is rugged and lightweight. The mini USB port is completely waterproof.



Related Products

■ MAGNET™

A family of software solutions that streamlines the workflow for surveyors, contractors, engineers, and mapping professionals..



● Field

A modern, graphic user interface with large icons, shortcut buttons, and fast access tabs provide productive, quick work flows. The icon and text field interface has been optimized to provide both text and images indicating what data is needed on each screen. MAGNET Field not only controls the measurements of the instrument but also provides many COGO and adjustment calculations.

● Tools

MAGNET Tools provides a MAP and CAD view of your project along with sortable tables of post-processed GNSS observation and vector information. With user defined reports and customizable job configurations, MAGNET Tools can process and report data for specific projects and users. Powerful editing and data processing is at your fingertips!

