SOKKIA

MADE TO FIT YOUR WORLD.

PT. ASABA
SURVEYING DIVISION

GRX5

GNSS Receiver

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Positioning made easy

This fully integrated all-in-view constellation RTK GNSS receiver brings a new level of versatility and flexibility into your precision positioning applications. The GRX5 provides unmatched usability and versatility that's sure to enhance your productivity.

And like all Sokkia products, you can customize it to meet your needs and create your own workflows.

- Sokkia Tilt Technology up to 60 degrees
- Anti-jamming and anti-spoofing capabilities
- 448 channels covering all modernized signals (GPS, GLONASS, Galileo, BeiDou, IRNSS, QZSS, SBAS)
- Available with integrated UHF radio
- Universal USB-C connectivity and battery charging
- Fusion technology automated workflow
- Static, PPP and RTK
- IP67 rated

Sokkia Tilt Technology

The Sokkia GRX5 incorporates a revolutionary IMU which is calibration-free and immune to magnetic interference. This advanced technology compensates for mis-leveled field measurements out of plumb by as much as 60 degrees. Awkward shots on steep slopes or hard to reach spots are now a breeze with tilt technology.

Open Architecture

The GRX5 architecture is designed so that third parties can write their own applications.

All Constellation Support

Featuring 448 hardware channels, the GRX5 tracks all visible supported satellite signals simultaneously.

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Multiple Wireless Technologies

The most commonly used wireless technologies can be integrated into the GRX5 receiver. Digital UHF, Long-range Bluetooth® and Network RTK.

Maximum Versatility

Utilizing full wireless connectivity and no voice feedback, the GRX5 enables the use of both RTK and network RTK technologies. It can be operated as both a private RTK base and RTK rover using the internal digital UHF.

Stay in Control

The GRX5 includes built-in internal Bluetooth® capability that allows you to choose your field controller model and software. Whether it is a small palm-sized screen device, a larger screen handheld, or even a field laptop, the GRX5 is ready to connect.

Ready for the field

The GRX5's magnesium alloy body can handle even the toughest job site conditions. It's compact, watertight, and rugged with IP67 rated dust and water protection.

Sokkia Software

This is the simplest, most effective software suite for the geomatics and survey professional.

Sokkia Field

Welcome to the quickest and easiest way to collect and layout points in the field. Sokkia Field's user friendly interface and simple but powerful controls help you work faster and more precisely.

- Graphical interface available on Windows® and Android/iOS tablets
- Collect field measurements
- Control GNSS and robotic systems from Sokkia
- CAD in the field functionality
- Export point files to 3rd party software

GeoPro Office

Process field measurement data from a variety of sensors in the same job file.

By combining data from multiple sensors, you get a more complete view of the project than you would with separate static files from each sensor.

- Process raw data from field measurements
- Work with total station, digital level, and GNSS receiver data
- GNSS post-processing
- 3D CAD view (optional module)
- Road design tools (optional module)

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