

Sokkia GRX3 RTK GPS

The Sokkia GRX3 GNSS receiver is a powerful satellite system packed with the following features: Top-class GNSS technology built for static and kinematic lands surveying application. It features innovative 9-axis inertia measurements. It is a unit (IMU) and an ultra-compact eCompass that maintains balance even if you make a mistake in leveling up to 15 degrees. [Japanese made Sokkia GNSS receiver](#)

- Sokkia Tilt Technology
- L-band ready technology
- 226 universal tracking channels "M Integrated 400MHz UHF and SiteComm" M radio covering all modernized signals (GPS, Glonass, Galileo, BeiDou, IRNSS, SBAS).
- RTK and static investigation operation
- Fusion Positioning" Workflow Automation with M Technology
- Standard RTK and network RTK
- Equivalent to IP67

Product Details

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 GRX3 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
- L Band Ready Technology
- 226 Universal Tracking Channels" covering all modernized signals (GPS, GLONASS, Galileo, BeiDou, IRNSS, QZSS, SBAS)
- Integrated 400MHz UHF and SiteComm M Radios
- RTK and static survey operations
- Fusion Positioning' M technology automated workflow
- Standard RTK and Network RTK
- IP67 rate



Ready for the field

The GRX3's magnesium alloy body can handle even the toughest job site conditions. Its compact, watertight and rugged with IP67 rated dust and water protection.

All Constellation Support

Featuring 226 Universal Tracking Channels with Universal Tracking Technology, the GRX3 has you covered. With Programmable channels for tracking available signals, the GRX3 supports all modernized signals.

Multiple Wireless Technologies

The most commonly used wireless technologies can be integrated into the GRX3 receiver. Digital UHF, Network RTK and SiteCommM

Maximum Versatility

Utilizing full wireless connectivity and no voice feedback, the GRX3 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.

Sokkia Tilt Technology

The Sokkia GRX3 incorporates a revolutionary 9-axis inertial measurement unit (IMU) and an ultra-compact 3-axis eCompass. This advanced technology compensates for mis-leveled field measurements out of plumb by as much as 15 degrees. Awkward shots on steep slopes or hard to reach spots are now a breeze with tilt technology.

Stay in Control

The GRX3 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 GRX3 is ready to connect.



specification

GNSS Tracking	
Number of channels	226 with patented universal Tracking channel technology.
signal	
GPS signal	L1 C/A, L1C/L2C, L2P(Y), L5 (L1C if signal is available)
GLONASS	L1C/A, L1P, L2C/AL2P, L3C" (L3C if signal is available)
Galileo	E1/E5a/ESb/Alt-Boc
Hokuto/BDS	B1, B2
IRNSS	L5
SBAS	WAAS, EGNOS, MSAS, GAGAN (L1/L55) (L5 if signal is available)
L band	TopNET Global D&C Correction Service
Qzss	L1 C/A, L1C, L1-SAIF, L2C, L5
User Interface	
operation	One button operation allows you to reset the power supply, receiver, and initialize memory.
environment	

Dustproof and waterproof rating	IP67
operating temperature	-40°C to 70°C
Humidity	100%, condensed
Drop and fall	It fell from a height of 1.0m to concrete. Falls from a 2.0m pole onto concrete.
Physical	
size	150x100x150mm (width x height x depth)
Weight	<1.15kg

Packaging and shipping

1. Each package is packaged in a hard shipping case↓



2. Packed individually in paper packs

