

# STRAIGHT EDGE PRECISION

## RJ-1000 BASE/ROVER

**SIMPLE, AFFORDABLE RTK GUIDANCE.**



The new RJ-1000 Base/Rover system is specifically designed to work with Ditch Assist machine control systems. This new dual frequency system is designed to handle tough conditions without fail. The rover features an external GNSS antenna to protect the receiver from being in the most damaging areas of machines and plugs directly into Ditch Assist for power and communications. The base station can be powered by any 12v battery and uses an internal radio to communicate with the base. The RJ-1000 system comes complete with all cables, mounts and tripod necessary for work. This system is preferable over the RJ-800 for use on rotary ditchers, for custom work operators or for larger farm projects.

### SPECIFICATIONS

Base	Rover
Radio - LoRa 900 MHz (902-928 MHz)	Radio - LoRa 900 MHz (902-928 MHz)
USB-B, 2x DB9 Serial connectors	DTM12 pin connector
Correction Input RTCM 2.x/3.x, CMR, CMR+	Correction Input RTCM 2.x/3.x, CMR
GPS L1/L2, GLONASS G1/G2 BEIDOU B1/B2	Output NMEA-0183
Horizontal Accuracy 10mm +1ppm	GPS L1/L2, GLONASS G1/G2 BEIDOU B1/B3
Vertical Accuracy 14mm +1ppm	Max update rate 20 Hz

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