Trimble Data Link Radio 2.4 GHz

A BLUETOOTH TO RADIO SOLUTION FOR YOUR ROBOTIC ENABLED TOTAL STATIONS

The Trimble® Data Link Radio (TDL) 2.4 GHz is a rugged, lightweight, custom accessory designed to allow communication between Trimble robotic-enabled total stations and Bluetooth-enabled mobile devices. The TDL radio will connect via Bluetooth to a field controller and allow that controller to communicate with a Trimble total station—providing seamless integration to robotic total stations through a wider range of data collectors—without compromising range or robotic functionality.

POWER
Battery type ............................................. Field replaceable Lithium-Ion pack (rechargeable inside unit or on its own)
Battery capacity ........................................ 5200 mAh Li-Ion
Battery life .................................................. 36 hours
Charging time .............................................. 5 hours (typical, with supplied charger)

ENVIRONMENTAL
Temperature (MIL-STD-810G)
  Operation ......................................................... -20 °C to +60 °C
  Storage ......................................................... -30 °C to +70 °C
Drop shock ...................................................... MIL-STD-810G Method 516.5 Procedure IV
  1.2 m to plywood over concrete
Functional shock .......................................... MIL-STD-810 Method 516.6 Procedure I
Vibration ....................................................... MIL-STD-810G Method 514.5 Procedure I, Category 24
Humidity ....................................................... MIL-STD-810G Method 507.6 (95% non-condensing)
  Maximum storage altitude ................................ 12,192 m
  Maximum operational altitude ......................... 9,000 m
Chemical exposure ........................................ MIL-STD-810 Method 504.1 Procedure I
Salt mist ......................................................... MIL-STD-810 Method 509.5 Procedure I
Compliance ................................................... FCC, CE, RoHS

MECHANICAL
Ingress protection rating ................................ IP 54
Weight ......................................................... 405 grams
Power connector .......................................... Micro-B USB female (charging and firmware update)
External antenna connector .............................. SMB female

STANDARD ACCESSORIES
• USB cable
• International charging kit
• Antenna
• Pole clip
• Li-Ion battery

OPTIONAL ACCESSORIES
• Belt pouch/clip
• Pole clip
• External battery charger

Specifications subject to change without notice.

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PN/uni00A0022516-208 (09/15)