

Trimble Data Link Radio 2.4 GHz

Key Features

Compatible with multiple platforms:
Android, Microsoft® Windows &
Windows Mobile (WEHH)

IP54 environmental protection and
MIL-STD-810G ruggedness

Bluetooth® connectivity



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)
Altitude rating (MIL-STD-810G Method 500.5)	
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-810G Method 509.5
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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