

# SATEL Compact-4BT

Portable radio modem for rugged outdoor use



The **SATEL Compact-4BT** is an IP67 classified UHF radio modem with integrated lithium-ion battery and Bluetooth. It is designed for easy mobile use in demanding field conditions, ideal for land surveying, PrecisionAg and machine control applications.

Configured using Configuration Manager, SaTerm, or by Android app. AES-128 encryption enabled. Kit includes all parts needed for quick installation.

## Kit, p/n K-S7 Kit, includes:

- **Compact-4BT radio**
- **Data and Power Cable with Power Supply**
  - Serial or USB
- **Rubber Whip Antenna**
- **Pole Mount Bag**



## Specifications:

**Frequency Range:** 403-473 MHz

**Bandwidth:** 12.5 or 25 kHz (software selectable)

**Sensitivity/Carrier Power:** -116 dBm/.1, .2, .5, 1W

**Interface:** RS-232/USB

**Bluetooth:** BT2.1 + EDR and BLE 4.1

**Radio Data Speed:** 14400 bps @ 12.5 kHz,  
28800 bps @ 25 kHz

**Operating Voltage:** +12 ... +30 Vdc

**Modulation:** GMSK, 4FSK, 8FSK, 16FSK

**Operational Time (est.):** 6 hrs @ TX 1W (50%)

**Charging Time (estimated):** 4 hrs @ 2 A

**Dimensions:** 6.5 x 2.2 x 2.2 in (165 x 55 x 55 mm)

**Weight:** 14.8 oz (420 g)

**Connectors:** M12 circular/TNC female

# SATEL USA

To receive a quote, please contact:

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