

BT/SD Board

Product Overview

The BT/SD Board is designed to provide wireless communication ability for the TOPCON's "FC" Field Controller families to communicate with other Bluetooth devices via the class 2 of the Bluetooth V1.2 protocol. It can be easily attached to "FC" Field Controller and easy to operate through the User Interface of "FC"

Features

Wireless Features

Compact wireless data communication module designed for Makita's battery-operated tools

Low power CSR BlueCore2-Ext Chipset (Bluetooth V1.2)

Tx output: 0.5mW

Tx and Rx Operation Frequency: 2402-2480 MHz

Modulation Method: Frequency Hopping Spectrum Spread (FHSS) / GFSK

Number of Channels: 79 (Normal Mode), 79 - 20 (Adaptive Hopping Mode)

Channel Intervals / bit rate: 1 MHz / 1 Mbps

Packet type in use: DH1

Dwell time: Less than 0.18 sec.

Physical Attributes

Size: 48mm (L) x 76mm (W) x 5.5mm (D)

Weight: 0.03 Kg

Operating Temperature: -20 deg. C to +50 deg. C

Power Requirements: 0.3 W @ +3.3 VDC from "FC" Field Controller

