

MOTOROLA BLUETOOTH MODULE BT04 USER MANUAL
[Model# BT0406AJ08]

1. GENERAL:

The Bluetooth Module BT04 facilitates a wireless Bluetooth interface between a wireless handset and another Bluetooth-enabled device located in a Telematics control unit. The Bluetooth Module BT04 is internal to a Motorola Bluetooth handset should be considered a product level module.

2. ANTENNA AND MODULE INSTALLATION:

The module utilizes an internal, pc board mounted, chip antenna. The unit is designed for installation within the Bluetooth handset and located in an automobile, usually in the center console area. The device is mounted within a plastic housing of the handset and is located to minimize shadowing of the internal antenna. Due to the low power at which the unit transmits (35uW radiated measurement.), placement from an SAR perspective is not critical.

No end-user installation is involved of the Bluetooth module and is only performed by Motorola or approved contractor. Any unauthorized changes or modifications not expressly approved by Motorola could void the user's authority to operate this equipment.

3. I/O CONNECTION:

A board mounted, 16-pin flex cable is utilized to provide power and vehicle bus communications to the module. This connector will only mate with a corresponding connector in the Bluetooth wireless handset.

4. SPECIFICATIONS:

- Frequency range: 2402 MHz – 2480 MHz
- Operating current: 1.5A nominal
- Operating voltage: 13.2V nominal
- Operating temp. range: -30°C to +70°C
- Storage temp. range: -40°C to +85°C
- Output power: 35uW (Radiated Measurement)

5. Other

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.