DM210 Wireless 2.4GHz Dongle
User Manual

Document Number 722
Revision 1.1

Date: October 10, 2011

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Revision History

Rev.	Date	Description	Author
1.0	8/15/11	Release	Andrew Grove, Tom Meksavan
1.1	10/10/11	Added FCC Radiation Exposure Statement	Tom Meksavan

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1. Overview

Delta Mobile System's DM210 is a 2.4GHz wireless dongle and is designed to communicate with other devices close to 100 meters. DM210 has an integrated antenna with a maximum transmit power of 14 dBm and maximum data rate of 3 Mbps.

The DM210 is intended to be used 20 centimeters away from the person.

DM210 is not a portable device and is not designed for laptop or tablet types of computers. The intended use for DM210 is to communicate 3 to 20 to another device that acts as a "master device".

2. User Interface

- USB 2.0 full speed device
- Standard Host Controller Interface (HCI)

3. Connection Procedure

The DM210 2.4 wireless dongle will

4. Certifications

4.1. FCC Regulations

- 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 (2) this device must accept any interference received, including interference that may cause undesired operation.

- This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user‘s authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

4.2. Federal Communication Commission (FCC) Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C. This equipment should be installed and operated with minimum distance 0.5 cm between the radiator & your body.

4.3. IC Warning Statement

This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.