

MS-PCDL01 Series User Manual

1. Description

MS-PCDL01 is designed for receiving wireless data from MEET's wireless products. It fully supports Windows® 'Plug and Play' function and USB2.0 standard.

2. How To Use

Plug the MS-PCDL01 into the PC's USB socket, LED will light up for approx. 1 second, which means MS-PCDL01 is connected to Windows® software and it is ready to use.

Note: Remove the MS-PCDL01 from PC if not use it for a long time.

3. Software Support

MS-PCDL01 only works with MEET communication software. Other Windows® utilities must be compatible with MEET communication protocol.

4. Specification

Frequency : 2.401 ~ 2.479GHz (GFSK)

Channel : 79

Sensitivity: -93dbm

Power Supply : 3.3V(Typical)

* Subject to change without any notice.

* Windows® is registered by Microsoft Inc.

5. Detail About This Device

MS-PCDL01 is a digital wireless RF2.4G USB HID adapter. The RF IC is a low-power, high-integrated single chip RF transceiver using 0.18 μ m mixed-mode CMOS process optimized for ISM 2.4GHz wireless systems.

MS-PCDL01 contains receiver, transmitter, voltage-controlled oscillator(VCO) and phase-locked loop (PLL). The device is expressly designed for low power consumption. Specific expertise has been applied to save current consumption and thus to extend the battery life, which is of most importance to the portable wireless consumer applications. Power saving mode has also been implemented to further reduce the power consumption.

The receiver contains a low-noise amplifier (LNA), a high-frequency mixer, a received signal strength indicator (RSSI), a channel select filter, a limiting amplifier, a demodulator and a data slicer with clock recovery.

MS-PCDL01 have antenna in PCB. Transmission power: 0dBm (1mW) .And Transmission Distance is 0 ~ 20m.

MS-PCDL01 can also transmit data signal to other MEET's equipment which have wireless device MS-RF005.

6. FCC warning statement:

This equipment 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 radiate 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

