

Bluetooth CF Card

DC2C1BZ001

User's Manual

DRAFT

<< DESCRIPTION >>

This user's manual covers the **Sharp Bluetooth™ CF Card model DC2C1BZ001** intended for design application use with PDAs, Notebook PCs, mobile phones, digital cameras or PC peripherals.

(Source: Bluetooth V.1.1 Radio specification Part A)

Ref no. of QPN : 010-7LI_1

*QPN : Qualification Product Notice

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.

<< REMARK >>

(1) This CF card is not designed for use in Life Support Application products where malfunction of those products can be reasonably expected to result in personal injury. SHARP customers using or selling these products for use in such applications do so at their risk and agree to fully indemnify SHARP for any damages resulting from such improper use or sale.

(2) Country of origin: Japan or China.

<< NOTICE >>

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.

This transmitter complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user. In addition, this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

<< FCC WARNING >>

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

1. INSTALL

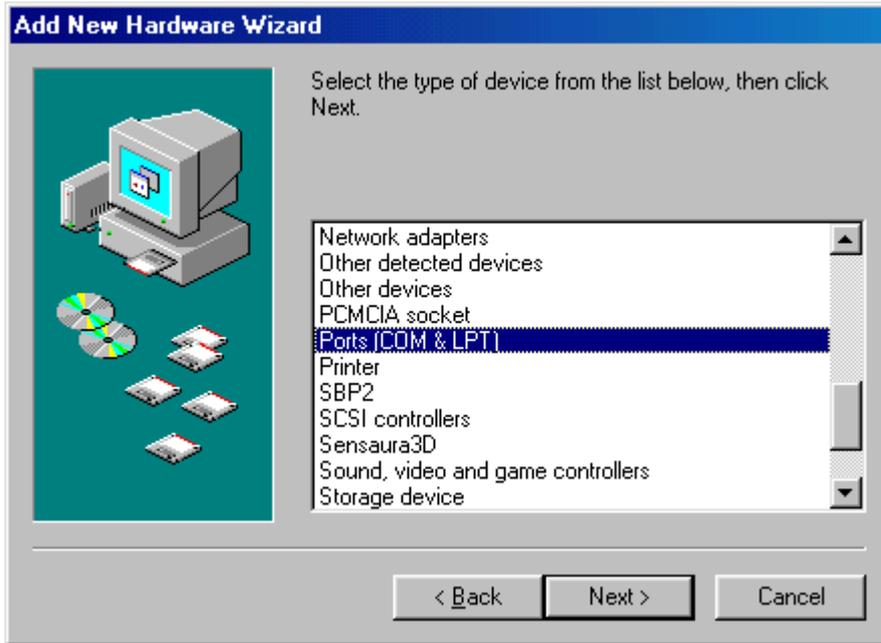
- a) Insert CF card to CF card slot or PC card slot with CF card Adapter card.
- b) PC detect CF card and pop up the window. Push Next button.



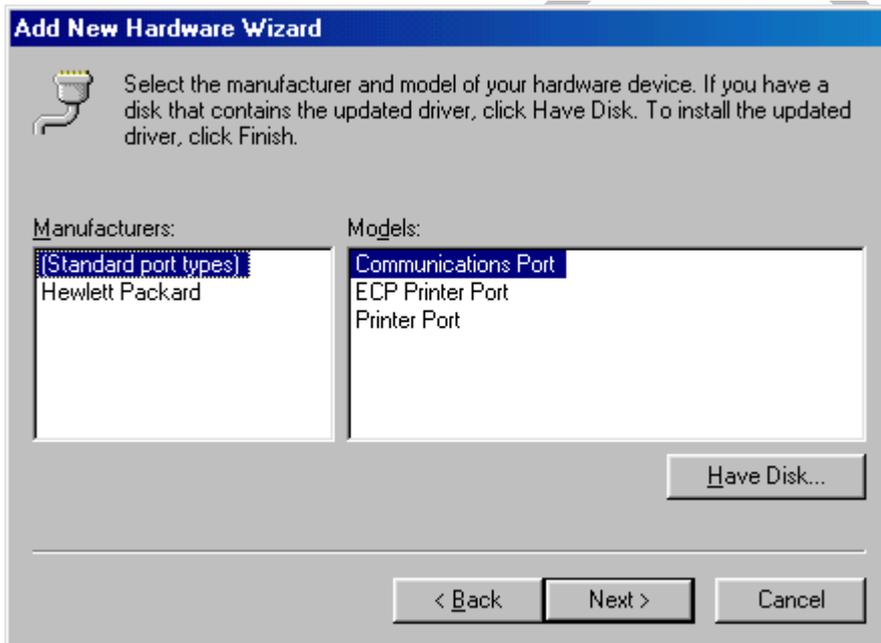
- c) Select "Display a list of all" and push Next button.



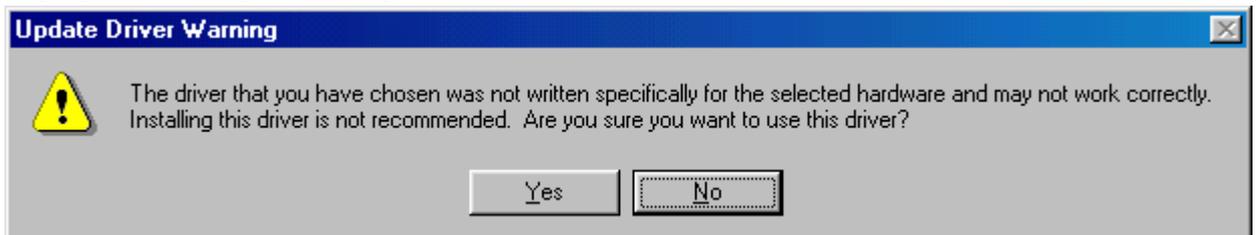
d) Select "Ports[COM & LPT]" and push Next button.



e) Select "Communication Point" and push Next button.



f) Pop up the warning window, push Yes button.



g) Push Next button.



h) Push Finish button.



2. HOW TO USE BLUETOOTH

This Bluetooth Card has under HCI protocol.

You can use the HCI command through the COM port

There is Bluetooth specification on <http://www.bluetooth.com/>

3. GENERAL SPECIFICATIONS

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|--------------------------------------|--------------------------------|
| 1-1 Bluetooth Specification | Power Class 3 |
| 1-2 Frequency range | 2402 MHz to 2480 MHz |
| 1-3 Channel system | TDMA |
| 1-4 Duplex system | Half duplex/TDD |
| 1-5 Total number of channels | 79 ch |
| 1-6 Nominal antenna impedance | 50 ohm |
| 1-7 Intermediate frequency | Zero IF |
| 1-8 Modulation system | GFSK/ BbT= 0.5 |
| (Air Interface) | Data rate: 1Mbps |
| Process gain | Frequency hopping 1600hops/sec |
| 1-9 Operating voltage | Vcc: 3.3 V+/-5% |
| 1-10 Absolute maximum supply voltage | Vcc: 4.0 V |
| (Ta=25 deg.) | |
| 1-11 Weight | 13 g/ typ. |

4. DIMENSION AND MOUNTING DETAILS

