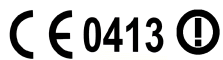


# 1 Regulations (LSE041R2 Bluetooth PC Card)

## 1.1 European Compliance



### **Limitation on Use of Wireless Technology (R&TTE 1999/5/EC)**

The use of Bluetooth equipment is not allowed/limited in some countries, due to limitations on the use of the frequency band 2400 – 2483.5 MHz. If radio frequency interference occurs, please stop using this equipment immediately.

### **EMC, Electrical Safety and Radio EC Directive Compliance**

The CE mark is affixed to this product to confirm compliance with the following European Community Directives:

- Council Directive 1999/5/EC of the European Parliament and the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.
- Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of Member States relating to electromagnetic compatibility (EMC).
- Council Directive 73/23/EEC of 19 February 1973 on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Each of the above mentioned directives amended by

- Council Directive 93/68/EEC of 22 July 1993 on the harmonization of the CE marking requirements.

A “Declaration of Conformity” in accordance with the relevant standards to confirm compliance with the above-mentioned directives has been made and is on file at National Semiconductor Sweden AB, Sundbyberg, Sweden.

## 1.2 FCC (US) Compliance

### **FCC R.F. Interference Statement**

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 equipment has been tested and found to comply with the limits for 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 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

Any changes or modifications not expressly approved by Wireless Solutions Sweden AB could void the user's authority to operate the equipment.

## 1.3 Exposure to Radio Frequency Radiation

The radiated output power of the equipment is far below the FCC radio frequency exposure limits. Nevertheless, it is advised to use the equipment in such a manner that the potential for human contact during normal operation is minimized.

## 1.4 Important Safety Information

### 1.4.1 Safety Warnings!

#### **Interference**

All wireless devices may get interference, which could affect performance.

#### **Switch off in aircraft**

Wireless devices can cause interference. Using them on aircraft is illegal.

#### **Switch off when refueling**

Do not use the wireless PC Card at a refueling point. Do not use near fuel or chemicals.

#### **Switch off near blasting**

Do not use the PC Card where blasting is in progress. Observe restrictions, and follow any regulations or rules.

#### **Switch off near medical equipment.**

Follow all regulations and rules in hospitals. Do not use the PC Card near medical equipment.

#### **Use qualified service**

Only qualified service personnel must repair equipment.

#### **Accessories**

Use only approved accessories. Do not connect incompatible products.

### **Connecting to other devices**

When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

### **Chemicals**

Do not store or use the PC Card in places where it may be exposed to chemicals or chemical vapors. Doing so will lead to fires or electric shocks.

### **Prohibited areas**

Do not use the PC Card when the use of a Bluetooth application is prohibited or when it may cause interference or danger

### **Humid or dusty places**

Do not store or use the PC Card in humid or dusty places. Doing so could lead to fires or electric shocks.

### **Do not disassemble or modify the Compact Flash in any way**

Do not disassemble or modify the PC Card in any way. Doing so without the express approval by the manufacturer will void user authority to operate the equipment and may lead to fires or electric shocks.

### **Switch off near a microwave oven in use**

Do not use the Bluetooth PC Card close to a microwave oven in use. There may be a risk that the system will be disturbed.

### **Heat, direct sunlight**

Avoid installing the PC Card near sources of heat or in direct sunlight.

### **Use only appropriate Region settings**

Use only the region setting appropriate for the area where the Bluetooth application is used at the present time. Using the PC Card in any other region or with an incorrect region setting may be illegal.

### **Connect only to SELV circuits**

The PC Card is classified as an SELV (safety extra low voltage) circuit according to the electrical safety standards EN 60950/IEC 950/UL 1950 (Safety of information technology equipment). For this classification to be maintained, equipment to which the unit is connected must also be classified as an SELV circuit.

## **1.4.2 Operating Environment**

Always obey any special regulations in force in any area and always power off your Bluetooth PC Card device whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the PC Card to another device, read it's users guide for detailed safety instructions. Do not connect incompatible products.

### **Electronic Devices**

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your Bluetooth device.

### **Hearing Aids**

Some digital wireless devices may interfere with some hearing aids.

### **Medical Devices**

Power off your Bluetooth device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### **Potentially explosive atmospheres**

Do not use your Bluetooth device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause explosions.

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Failure to observe these instructions may lead to legal action.

## **2 Life Support Policy**

NATIONAL'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE PRESIDENT OF NATIONAL SEMICONDUCTOR CORPORATION.

As used herein:

1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user.
2. A critical component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.