Zebra Technologies Corporation
475 Half Day Road, Suite 500
Lincolnshire, IL 60069 USA

Zebra Wireless Compliance Information Guide

QLn220 and QLn320

P1033984-001
March 2011

Printed on chlorine-free recycled paper.

Proprietary Statements

FCC Compliance 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.
NOTE: This equipment has been tested and found to comply with the limits or 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 or circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Exposure to Radio Frequency radiation. To conform to FCC RF exposure requirements this device shall be used in accordance with the operating conditions and instructions listed in this manual. Note that there are several radio options available with this printer. Additional regulatory information is contained in later sections devoted to each radio individually.
NOTE: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to insure compliance.
Changes or modifications to this unit not expressly approved by Zebra Technologies Corporation could void the user's authority to operate this equipment.
Canadian Compliance Statement
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.
"IC:" before the equipment certification number signifies that the Industry Canada technical specifications were met. It does not guarantee that the certified product will operate to the user's satisfaction.

WLAN Module Using 802.11b/g SDIO Radio (North America)

The following section only applies when the WLAN module (With FCC ID: 128MD-DXLAN11G) is installed in a QLn family printer (note that only one of the radio options can be installed in the printer at one time). Other than conditions specified elsewhere in this manual, only one of the radio options can be installed in the printer at one time and the antenna used for these transmitters must not be co-located or must not operate in conjunction with any other antenna.
QLn family printers have the FCC ID number label on the back of the unit.

Caution • Use of a QLn family printer with the radio module marked with FCC ID: 128MD-DXLAN11G meets the FCC requirements for radio frequency (RF) radiation exposure in the standard body worn configuration with no minimum separation. In this configuration, which applies whether the belt clip or shoulder strap is used, the face of the printer from which paper is transported is facing away from the user's body. The standard configuration must always be used when the printer is body worn.

Industry Canada (IC) Warning

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

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

Zebra 802.11b/g WLAN Radio Module

The following section only applies when the Zebra 802.11b/g WLAN radio module (With FCC ID: 128MD-DXLAN11G) is installed in a QLn family printer (note that only one of the radio options can be installed in the printer at one time). Other than conditions specified elsewhere in this manual, only one of the radio options can be installed in the printer at one time and the antenna used for these transmitters must not be co-located or must not operate in conjunction with any other antenna.
QLn models have the FCC ID number on a label on the back of the unit.

Caution • The radiated output power of this internal 802.11b/g radio is far below the FCC radio frequency exposure limits. Nevertheless, this radio must be used in such a manner that the antenna is 2.5 cm. or further from the human body. The radio and antenna are mounted internally in this printer such that when the printer is worn with the back of the printer against the body and the front of the printer (where paper exits) away from the body, then the 2.5 cm distance between the antenna and the users body will be met. Do not use the printer in an unauthorized manner.

European Regulatory Information for this Radio

AT	BE	CY	CZ	DK
EE	FI	FR	DE	GR
HU	IE	IT	LV	LT
LU	MT	NL	PL	PT
SK	SI	ES	SE	GB

Note: -Member states in the EU with restrictive use for this device are crossed out!
This device is also authorized for use in all EFTA member states (CH, IS, LI, NO)

Important Notice
This device is a portable RF printer intended for commercial and industrial use in all EU and EFTA member states.

Zebra Technologies Corporation
475 Half Day Road, Suite 500
Lincolnshire, IL 60069 USA
Tel: +1.847.634.6700 or +1.800.423.0442

NCC (Taiwan) Compliance Statement
"經型式認證合格之低功率射頻電機，非經許可，公司，商號或使用者均不得擅自變更頻率，加大功率或變更原設計之特性及功能。低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學 醫療用電波輻射性電機設備之干擾。"

" According to "Administrative Regulations on Low Power Radio Waves Radiated Devices" Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices. The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications is operated in compliance with the Telecommunications Act. The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices."

KC (Korea) Compliance Statement

For 2.4 GHz Radio device:

해당무선설비기기는 운용 중 전파혼신가능성이 있으므로
인명안전과 관련된 서비스는 할 수 없습니다

For Class B Equipment

이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서
주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

FCC & IC ID Numbers

1. Zebra Performance Radio 802.11b/g
FCC ID: 128MD-DXLAN11G
IC ID: 3798B-DXLAN11G

2. Bluetooth Radio 2.1 ZBR5.
FCC ID: 128MD-ZBR5QLN
IC ID: 3798B-ZBR5QLN

Radio Regulatory Information

Zebra Bluetooth Radio 2.1+ZBR5

Caution • Exposure to Radio Frequency Radiation. The radiated output power of this internal Bluetooth radio is far below the FCC radio frequency exposure limits. The internal Bluetooth radio operates within guidelines found in radio frequency safety standards and recommendations. Do not use the printer in an unauthorized manner.

Note • The following section only applies when the 2.1+ZBR5 (FCC ID: 128MD-ZBR5QLN) Bluetooth Radio is installed in a QLn family printer. Unless specified elsewhere in this manual, the antenna used for this transmitter must not be co-located or must not operate in conjunction with any other antenna.

European Regulatory Information for this Radio

This device is intended for use in all EU and EFTA member states.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of compliance with the R&TTE Directive 1999/5/EC:

- EN55022
  European Immunity Standard
- EN 60950-1
  Safety of Information Technology Equipment
- EN 300 328
  Technical requirements for spread-spectrum radio equipment
- EN 301 489

EMC requirements for spread-spectrum radio equipment.
This device is a 2.4 GHz wireless LAN transceiver, intended for indoor home and office use in all EU and EFTA member states.

Important Notice
This device is a portable RF printer intended for commercial and industrial use in all EU and EFTA member states.

WLAN Module Using 802.11b/g SDIO Radio (Asia & EU Countries)

The following section only applies when the CF (Compact Flash) WLAN module (With FCC ID: 128MD-DXLAN11G) is installed in a QLn family printer. Other than conditions specified elsewhere in this manual, only one of the radio options can be installed in the printer at one time and the antenna used for these transmitters must not be co-located or must not operate in conjunction with any other antenna.
QLn models have the FCC ID number on a label on the back of the unit.

Caution • Use of a QLn family printer with the radio module marked with FCC ID: 128MD-DXLAN11G meets the FCC requirements for radio frequency (RF) radiation exposure in the standard body worn configuration with no minimum separation. In this configuration, which applies whether the belt clip or shoulder strap is used, the face of the printer from which paper is transported is facing away from the user's body. The standard configuration must always be used when the printer is body worn.

European Regulatory Information for this Radio

AT	BE	CY	CZ	DK
EE	FI	FR	DE	GR
HU	IE	IT	LV	LT
LU	MT	NL	PL	PT
SK	SI	ES	SE	GB

Note: -Member states in the EU with restrictive use for this device are crossed out!
This device is also authorized for use in all EFTA member states (CH, IS, LI, NO)

Important Notice
This device is a portable RF printer intended for commercial and industrial use in all EU and EFTA member states.

Over ▶