



# Datalogic GBT4200 Gryphon REGULATORY ADDENDUM User Manual

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## Datalogic GBT4200 Gryphon REGULATORY ADDENDUM



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## REGULATORY INFORMATION

All models are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Any changes or modifications to equipment, not expressly approved by Datalogic could void the user's authority to operate the equipment.

### Statement of Agency Compliance

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.

### FCC Class B Compliance Statement

The user is cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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 or television technician for help.

### FCC RF Radiation Exposure Statement



### **CAUTION: Exposure to Radio-Frequency Radiation**

To comply with FCC RF exposure compliance requirements, for mobile configurations, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

#### **Canada Notice**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).  
Operation is subject to the following 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.
3. The RF exposure (Nerve Stimulation) compliance distance is 10 cm.



### **CAUTION: Do not attempt to open or otherwise service any components in the optics cavity.**

#### **Customs Union**

The CU conformity certification has been achieved; this allows the Product to bear the Eurasian mark of conformity.



#### **Frequency Band Used**

2400 – 2483,5 MHz

**Maximum output power**

< 20 dBm

#### **Power Supply**

This device is intended to be connected to a UL Listed/CSA Certified computer which supplies power directly to the reader or else be supplied by UL Listed/CSA Certified Power Unit marked "Class 2" or LPS power source rated 5-14V minimum 900mA, which supplies power directly to the Base/Charger via the power connector of the Base itself.

#### **Device Labeling**

Sample labels are shown here to illustrate their location only. Please view the labels on your product for actual details, as they may vary from those depicted.

#### **Scanner Regulatory Label**



#### Base Regulatory Label



#### Battery Safety

To install, charge and/or perform any other action on the battery, follow the instructions in this manual.



**WARNING:** Do not discharge the battery using any device except for the scanner. When the battery is used in devices other than the designated product, it may damage the battery or reduce its life expectancy. If the device causes an abnormal current to flow, it may cause the battery to become hot, explode or ignite and cause serious injury.

Lithium-ion battery packs may get hot, explode or ignite and cause serious injury if exposed to abusive conditions. Be sure to follow the safety warnings listed on the following page.

**WARNING:**

Fire or explosion hazard if battery is replaced with an incorrect model.

**WARNING:**

- Do not place the battery pack in fire or heat.
- Do not connect the positive terminal and negative terminal of the battery pack to each other with any metal object (such as wire).
- Do not carry or store the battery pack together with metal objects.
- Do not pierce the battery pack with nails, strike it with a hammer, step on it or otherwise subject it to strong impacts or shocks.
- Do not solder directly onto the battery pack.
- Do not expose the battery pack to liquids, or allow the battery to get wet.
- Do not apply voltages to the battery pack contacts.

**WARNING:**

In the event the battery pack leaks and the fluid gets into your eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

**CAUTION:**

Always charge the battery at 32° 104°F (0° 40°C) temperature range.

**CAUTION:**

Use only the authorized power supplies, battery pack, chargers, and docks supplied by your Datalogic reseller. The use of any other power supplies can damage the device and void your warranty. Do not disassemble or modify the battery. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode or ignite.

**CAUTION:**

Do not place the battery in or near fire, on stoves or other high temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, explode or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.

**CAUTION:**

Do not place the battery in microwave ovens, high-pressure containers or on induction cookware. Immediately discontinue use of the battery if, while using, charging or storing the battery, the battery emits an unusual smell, feels hot, changes color or shape, or appears abnormal in any other way.

Do not replace the battery pack when the device is turned on.  
Do not remove or damage the battery pack's label.  
Do not use the battery pack if it is damaged in any part.  
Battery pack usage by children should be supervised

As with other battery types, Lithium-Ion (LI) batteries will lose capacity over time. Capacity deterioration is noticeable after one year of service whether the battery is in use or not. It is difficult to precisely predict the finite life of a LI battery, but cell manufacturers rate them at 500 charge cycles. In other words, the batteries should be expected to take 500 full discharge/charge cycles before needing replacement. This number is higher if partial discharging/recharging is adhered to rather than full/ deep discharging.



**CAUTION:**

Storage of batteries for a long time at fully charged status or at fully discharged status should be avoided.



**CAUTION:**

Only in case of long storage, to avoid deep discharge of the battery it is recommended to partially recharge the battery every three months to keep the charge status at a medium level. As a reference, run a fast recharge for 20 minutes every three months on unused products to avoid any performance deterioration of the cell.

The useful life of LI batteries depends on usage and number of charges, etc., after which they should be removed from service, especially in mission critical applications. Do not continue to use a battery showing excessive loss of capacity, it should be properly recycled / disposed of and replaced.

Collect and recycle waste batteries separately from the device to comply with European Directive 2006/66/EC, 2011/65/EU, 2002/96/EC, 2012/19/EU and subsequent modifications, US and China regulatory and other laws and regulations about the environment.



11009-20-04858

*Apparatus*

**Gryphon GBT42XX ; Cordless Barcode Reader WLC4190 ; Cordless Base station/Charger and**

all its models/Manufacturer

**Datalogic S.r.l. Via S. Vitalino 13, 40012 Lippo di Calderara (BO) – Italy**

This declaration of conformity is issued under the sole responsibility of the manufacturer

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

**2014/53/EU RED Directive 2011/65/EU, 2015/863/EU RoHS Directive**

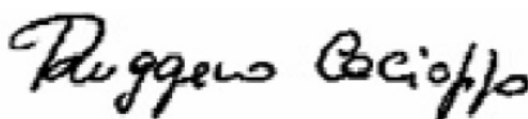
References to the relevant harmonised standards:

<b>ETSI EN 301 489-1 V2.1.1 FEBRUARY 2017</b>	ELECTROMAGNETIC COMPATIBILITY (EMC) STANDARD FOR RADIO EQUIPMENT AND SERVICES; PART 1: COMMON TECHNICAL REQUIREMENTS; HARMONISED STANDARD COVERING THE ESSENTIAL REQUIREMENTS OF ARTICLE 3.1(B) OF DIRECTIVE 2014/53/EU AND THE ESSENTIAL REQUIREMENTS OF ARTICLE 6 OF DIRECTIVE 2014/30/EU
<b>ETSI EN 301 489-17 V3.1.1, NOVEMBER 2016</b>	ELECTROMAGNETIC COMPATIBILITY (EMC) STANDARD FOR RADIO EQUIPMENT AND SERVICES; PART 17: SPECIFIC CONDITIONS FOR BROADBAND DATA TRANSMISSION SYSTEMS; HARMONISED STANDARD COVERING THE ESSENTIAL REQUIREMENTS OF ARTICLE 3.1(B) OF DIRECTIVE 2014/53/EU
<b>ETSI EN 301 489-3 V2.1.1, MARCH 2017</b>	SHORT RANGE DEVICES (SRD) OPERATING IN THE FREQUENCY RANGE 25 MHZ TO 1 000 MHZ; PART 2: HARMONISED STANDARD COVERING THE ESSENTIAL REQUIREMENTS OF ARTICLE 3.2 OF DIRECTIVE 2014/53/EU FOR NON SPECIFIC RADIO EQUIPMENT
<b>ETSI EN 300 328 V2.2.2, JULY 2019</b>	WIDEBAND TRANSMISSION SYSTEMS; DATA TRANSMISSION EQUIPMENT OPERATING IN THE 2,4 GHZ BAND; HARMONISED STANDARD FOR ACCESS TO RADIO SPECTRUM
<b>ETSI EN 303 417 V1.1.1, SEPTEMBER 2017</b>	WIRELESS POWER TRANSMISSION SYSTEMS, USING TECHNOLOGIES OTHER THAN RADIO FREQUENCY BEAM IN THE 19 – 21 KHZ, 59 – 61 KHZ, 79 – 90 KHZ, 100 – 300 KHZ, 6 765 – 6 795 KHZ RANGES ; HARMONISED STANDARD COVERING THE ESSENTIAL REQUIREMENTS OF ARTICLE 3.2 OF DIRECTIVE 2014/53/EU
<b>EN 62311:2008</b>	ASSESSMENT OF ELECTRONIC AND ELECTRICAL EQUIPMENT RELATED TO HUMAN EXPOSURE RESTRICTIONS FOR ELECTROMAGNETIC FIELDS (0 HZ – 300 GHZ)
<b>EN IEC 62368-1:2020+A11:2020</b>	AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT PART 1: SAFETY REQUIREMENTS

<b>EN 50581, SEPTEMBER 2012</b>	TECHNICAL DOCUMENTATION FOR THE ASSESSMENT OF ELECTRICAL AND ELECTRONIC PRODUCTS WITH RESPECT TO THE RESTRICTION OF HAZARDOUS SUBSTANCES
<b>EN55024:2010 + A1:2015</b>	INFORMATION TECHNOLOGY EQUIPMENT – IMMUNITY CHARACTERISTICS – LIMITS AND METHODS OF MEASUREMENT
<b>EN55032:2015</b>	ELECTROMAGNETIC COMPATIBILITY OF MULTIMEDIA EQUIPMENT – EMISSION REQUIREMENTS

**NOTIFIED BODY:**  
**AMERICAN CERTIFICATION BODY, INC. (ACB) 1588**  
**ATCB025605**

Lippo di Calderara,  
September 25th, 2020



Ruggero Cacioppo  
Product Quality Leader

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## Patents

See [www.patents.datalogic.com](http://www.patents.datalogic.com) for patent list.

This product is covered by one or more of the following patents:

Design patents: EP004032241, USD849747, ZL201830016932.4

Utility patents: EP1128314B1, EP1804089B1, EP1825417B1, EP1942442B1, EP2315156B1, EP2521068B1, EP2616988B1, JP5192390B2, US6517003, US6808114, US6997385, US7387246, US7721966, US8113430, US8245926, US8561906, US9122939, ZL200680050007.8, ZL201180044793.1

## WEEE STATEMENT



### Waste Electrical and Electronic Equipment (WEEE) Statement

For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at [www.datalogic.com](http://www.datalogic.com).

Lippo di Calderara, September 25th, 2020

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***This document is an addendum to the Quick Reference Guide (QRG) for this product. See the QRG for additional product information.***

[www.datalogic.com](http://www.datalogic.com)

Ruggero Cacioppo Product Quality Leader



## Documents / Resources



**[Datalogic GBT4200 Gryphon REGULATORY ADDENDUM](#)** [pdf] User Manual  
GBT4200 Gryphon REGULATORY ADDENDUM, Gryphon REGULATORY ADDENDUM, REGULATORY ADDENDUM

## References

-  [Datalogic | Automatic Data Capture and Process Automation - Datalogic](#)
-  [Patents - Datalogic](#)

Manuals+.