✪DATALOGIC™

PowerScan™ BT8300 Family
Industrial Handheld
Bar Code Reader with
Bluetooth® Wireless Technology

Quick Reference Guide

Table of Contents

PowerScan™ BT8300 Reader

Using the PowerScan™ BT8300

The PowerScan™ BT8300 family of readers can be used with either the PowerScan BC 8030-BT base station or a Bluetooth-enabled PC to build a Cordless Reading System for the collection, decoding and transmission of bar coded data.

PowerScan™ BT8300 laser readers automatically scan bar codes at a distance. Simply aim and pull the trigger.

Scan Line Position

Code scanning is performed along the scan line emitted from the reading window. This line must cross the entire code. The best reading angles are indicated in the figure below:
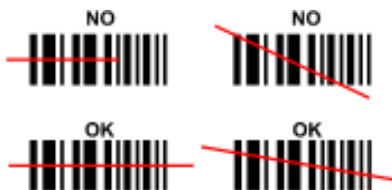
Reading Angle

Successful scanning is obtained by tilting the reader with respect to the bar code to avoid direct reflections that impair the reading performance, see the figure below.
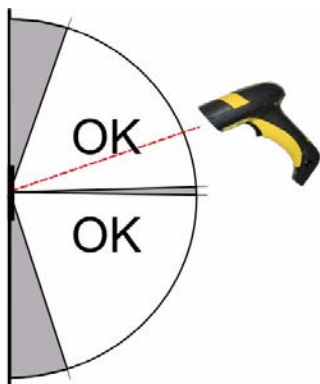
Aiming System

PowerScan™ BT8300 provides an aiming system. If enabled, a partial trigger press produces a red spot, which should be aimed over the code center to get the best reading performance, see (1) in the figure above. By completely pressing the trigger the scan line appears to start the code scanning, see (2).

After setting up the reader, you can enable or disable the aiming system by reading the codes below:

Disable Aiming System (Default)

Enable Aiming System

Installing the Battery Pack

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

To charge the Battery Pack, See "Charging the Batteries" on page 5.

Datalogic recommends annual replacement of rechargeable battery packs to ensure maximum performance.

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 below:

- **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.**

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° – 113°F (0° - 45°C) temperature range.

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.

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.

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 types of batteries, 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,

The typical manufacturer advertised useful life of LI batteries is one to three years, depending 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 that is showing excessive loss of capacity, it should be properly recycled / disposed of and replaced. For most applications, batteries should be replaced after one year of service to maintain customer satisfaction and minimize safety concerns.

Collect and recycle waste batteries separately from the device in comply with European Directive 2006/66/EC, 2002/95/EC, 2002/96/EC and subsequent modifications, US and China regulatory and others laws and regulations about the environment.

Charging the Batteries

Once the BC 8030-BT/C-8000 is powered, you can charge the reader's batteries. Place the PowerScan™ BT8300 into the BC 8030-BT cradle or the C-8000 battery charger. The Reader LED on the cradle/battery charger turns red.

The battery is completely charged when the Reader LED on the cradle/battery charger turns green.

Figure 1. Changing the Batteries

⚠️ **WARNING**

Do not incinerate, disassemble, short terminals or expose to high temperature. Risk of fire, explosion. Use specified charger only. Risk of explosion if the battery is replaced by an incorrect type. Dispose of the batteries as required by the relevant laws in force.

Setup

Restore PowerScan BT 8300 Default

Before starting configuration and every time you want to restore factory settings, read the label below. Please note that the default mode on PowerScan BT8300 is Handheld - Cradle communication:

Restore PowerScan BT 8300 Default

Date and Time Setup

Scan the following bar codes in sequence to set the date and time for the PowerScan BT8300.

Enter Configuration

1.

Set Date

2.

+

3. Six digits for Day, Month and Year (DDMMYY)

Set Time

4.

+

5. Four digits for Hours and Minutes (HHMM)

Exit and Save Configuration

6.

Connecting the PowerScan BT8300

Overview

PowerScan™ BT8300/BC 8030-BT Configuration

1. Connect a BC 8030-BT cradle to the Host. For installation and connection information see the BC 8030-BT Quick Reference Guide.

2. Charge the PowerScan BT8300 battery using a BC 8030-BT, the CHR-PM80 or BC-P080 chargers as described in this Quick Reference Guide. A full charge takes 4 hours if using an external power supply; while it takes up to 10 hours if supplying power through the USB port.

3. Configure the reader as described in this Quick Reference -
Linking the PowerScan™ BT8300 to the BC 8030-BT Cradle on page 8.

4. Configure the BC 8030-BT cradle. See BC 8030-BT Configuration in the BC 8030-BT Quick Reference.

- OR -

PowerScan™ BT8300/Bluetooth-Enabled PC Configuration

1. Install any drivers provided with the Bluetooth adapter.

2. Charge the PowerScan™ BT8300 battery using a BC-8030-BT, the CHR-PM80 or the MC-P080 chargers as described in this Quick Reference Guide. A full charge takes 4 hours if using an external power supply; while it takes up to 10 hours if supplying power through the USB port.

3. Configure the reader as described in this Quick Reference -
Linking the PowerScan BT8300 to a Bluetooth-Enabled PC on page 11.

Before You Begin

In order to use the connection procedures below, the handheld and base station must be in an UNPAIRED state. If the reader is connected to a device, you must follow the procedure below to UNPAIR the Base Station and the handheld before attempting to link to a new device. If the handheld is not already connected to another device, then you can skip this step and go straight to the Linking instructions that begin on the next page.

Unpairing the Reader

To unpair the PowerScan BT8300 reader from a BC 8030-BT base station, press and hold the button on the BC 8030-BT (>8 seconds), then read the Unpair bar code below with each PowerScan BT8300 which you want to unpair from the cradle.

Unpair

You can Unpair the PowerScan BT8300 reader from a Bluetooth-Enabled PC to make it available for pairing with another PC. Read the bar code above to disconnect the reader from its PC

Please note that in order to connect different scanners to a Base that is already connected to the maximum four scanners, you must follow the procedure above.

Linking the PowerScan™ BT8300 to the BC 8030-BT Cradle

The PowerScan BT 8300 reader can be connected with the PowerScan BC 8030-BT cradle in either of three ways.

After the BC-8030-BT cradle is powered on and connected to the Host, configure the Power Scan BT8300 by reading the following bar codes in the given sequence as described in each section.

Remember: The mandatory condition for establishing a new connection between a BT reader and a BT cradle is that they share the same security configuration. The connection timeout is 30 seconds. Four ascending beeps from the reader indicate a successful link, otherwise there are four descending tones.

Link by Contact

Read the bar codes in sequence as shown in the steps below:

Enter Configuration

1.

Handheld - Cradle

2.

Link by Contact

3.

Exit and Save Configuration

4.

5. Firmly position the reader onto the cradle. The BC 8030-BT cradle will emit a beep and the yellow LED will blink while the cradle is trying to establish the connection.

   Four ascending beeps will be emitted, signaling that the BC 8030-BT cradle has been successfully connected to the PowerScan BT8300, and the yellow LED on the cradle will stop blinking.

6. To connect another PowerScan PBT8300 to the BC 8030-BT cradle, repeat the sequence from steps 1 through 5. One Cradle can connect with a maximum of four readers.

7. Upon completing the connection between the reader and cradle you must set up the correct interface for your system. Refer to the BC 8030-BT Base Station Charger QRG for information and programming labels, and scan the appropriate bar code to select your system's interface type.

END of procedure. YOUR READER IS NOW READY TO READ CODES.

Link by Inquiry

Enter Configuration

1.

Handheld - Cradle

2.

Exit and Save Configuration

3.

4.   To connect another PowerScan PBT8300 to the BC 8030-BT cradle, repeat in the sequence from steps 1 through 3 before continuing. One Cradle can connect with a maximum of four readers.

5.   Quickly press the button (<8 seconds and release) on the BC 8030-BT cradle. The yellow LED on the cradle will blink and it will search for any PowerScan BT 8300 readers in radio range. After finishing, the cradle will emit a beep and begin to link with PowerScan BT8300 readers found.

6.   The green LED on each PowerScan BT8300 reader will blink when the BC 8030-BT cradle tries to link with it. To confirm the connection with the cradle, press the trigger on the reader within 10 seconds, before the timeout expires.

7.   Four ascending beeps will be emitted, signaling that the BC 8030-BT cradle has been successfully connected to the PowerScan BT8300, and the green LED on the reader will stop blinking.

8.   Upon completing the connection between the reader and cradle you must set up the correct interface for your system. Refer to the BC 8030-BT Base Station Charger QRG for information and programming labels, and scan the appropriate bar code to select your system's interface type.

END of procedure. YOUR READER IS NOW READY TO READ CODES.

Link by Label

You can create a label that includes the appropriate command and the cradle MAC address. Please refer to the Product Reference Guide (PRG), or contact Technical Support for more information.

Linking the PowerScan BT8300 to a Bluetooth-Enabled PC

The PowerScan BT8300 reader can optionally be linked to a Bluetooth-enabled host with the serial port profile (SPP) or human interface device (HID) as a virtual keyboard.

NOTE

Depending on the driver used by your device, specific actions may be required the first time a connection is made between the PowerScan PBT8300 and a generic Bluetooth peripheral. For further information, download "Initial Bluetooth Connection Guide," available on the Datalogic website in the PowerScan BT section.

Linking to a PC in Serial Port Profile (Slave) Mode

To link a PowerScan BT8300 reader in Serial Port Profile (Slave) Mode to a Bluetooth-enabled host, read the following codes in the given sequence.

Enter Configuration

1.

Serial Port Profile (Slave)

2.

Exit and Save Configuration

3.

4. Use the HOST computer's Bluetooth manager to "Add Bluetooth Device Wizard" and select "PowerScan BT8300." When prompted for a passkey, enter the default of "1234" or whatever you have already assigned to your scanner. A window will notify you of Incoming Port and Outcoming Port when the PowerScan BT8300 is successful added to the PC.

5. Open the Outcoming Port using your application program; for test purposes you can verify the communication using the Hyperterminal tool in Windows.

6. Four ascending beeps will be emitted, signaling that the PowerScan BT8300 has been successfully connected to the Bluetooth-enabled PC.

END of procedure. YOUR READER IS NOW READY TO READ CODES.

Linking to a PC in Serial Port Profile (Master) Mode

To link a PowerScan BT8300 reader in Serial Port Profile (Master) Mode to a Bluetooth-enabled host, follow the instructions below and read the bar codes in the given sequence.

1. Select the "COM Ports" tab on the Window's Bluetooth Manager and add the Incoming Port. You will receive a notification that the Incoming Port is added successfully.

2. Open the Incoming Port using your application program; for test purposes you can verify the communication using the Hyperterminal tool in Windows.

<div align="center">

Enter Configuration

1.

</div>

<div align="center">

Serial Port Profile (Master)

2.

</div>

<div align="center">

Host Address

3.

</div>

<div align="center">

+

4. 12 digits for the Host Bluetooth adapter

</div>

<div align="center">

Exit and Save Configuration

5.

</div>

6. When prompted for a passkey, enter the default of "1234" or whatever you have already assigned to your scanner.

7. Four ascending beeps will be emitted, signaling that the PowerScan BT8300 has been successfully connected to the Bluetooth-enabled PC and the Green LED on the reader will stop blinking.

END of procedure. YOUR READER IS NOW READY TO READ CODES.

Linking to a PC in HID

To link a PowerScan BT8300 reader in HID to a Bluetooth-enabled PC, please read the following bar codes in the given sequence:

Enter Configuration

1.

HID Profile

2.

Exit and Save Configuration

3.

4. Use the host computer's Bluetooth Manager to "Add Bluetooth Device Wizard" and select "PowerScan BT8300." In the next window, enter the PIN code if you are using Security Mode 2 or Security Mode 3, or choose "Don't use passkey" if you set Security Mode 1.

> **NOTE**
>
> **The default Security Mode in HID mode is Authentication and Encryption Disable.**

5. Four ascending beeps will be emitted, signaling that the PowerScan BT8300 has been successfully connected to the Bluetooth-enabled PC.

END of procedure. YOUR READER IS NOW READY TO READ CODES.

Variable PIN Code

Some Bluetooth drivers on the Host (such as WIDCOMM and BlueSoleil 8) require a Variable PIN Code. When attempting connection, the application presents a window that includes a PIN Code which is to be input using the PowerScan BT8300. Please read the bar code "Variable PIN Code" and restart the sequence from step 4 above.

Variable PIN Code

When you hear the beep indicating the reader is waiting for an alphanumeric entry, enter the variable PIN Code one of two ways:

Keypad (PBT8300 16-key DK only): Type the PIN Code on the scanner keypad, then tap **Enter** (←).

Scanning: Read the bar code corresponding with the require PIN Code and ending with Exit and Save configuration label. Use the labels in the HEX/ NUMERIC KEYPAD section at the back of this manual for alphanumeric entry.

PowerScan BT8300 HID Configuration

HID Country Codes

*Country Code = U.S

Country Code = Italy

Country Code = France

Country Code = Germany

Country Code = Britain

Country Code = Sweden

Country Code = Spain

*Default value

HID Country Codes (cont.)

Country Code = Belgium

Country Code = Japanese 106-key

Country Code = Poland

Country Code = Hungary

Country Code = Croatia

Country Code = Romania

Country Code = Czech Republic

Country Code = Slovakia

HID Country Codes (cont.)

Country Code = Denmark

Country Code = Norway

Country Code = Portugal

Country Code = Switzerland

Caps Lock State

This option specifies the format in which the reader sends character data.

*Caps Lock State = Caps Lock OFF

Caps Lock State = Caps Lock ON

Caps Lock Auto-Recognition (IBM AT Compatible Only)

*Enable

Disable

Alt Mode

*Disable

Enable

*Default value

PowerScan™ BT8300 Default Configuration

DATA FORMAT

Code identifier disabled, Field adjustment disabled, Code length not transmitted, Character replacement disabled

CODE SELECTION

Enabled Codes

- EAN 8/EAN 13 / UPC A/UPC E without ADD ON
  Check digit transmitted, no conversions
- Interleaved 2/5
  Check digit control and transmission, variable length code; 4-99 characters
- Standard Code 39
  No check digit control, variable length code; 1-99 characters
- Code 128
  variable length code; 1-99 characters

Disabled Codes

EAN 128, ISBT128, Code 93, Codabar, pharmaceutical codes, MSI, Code 11, Code 16K, Code 49, GS1 DataBar™ (GS1 DataBar includes the following symbologies: GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Expanded and GS1 DataBar Limited).

RADIO PARAMETERS

Security Mode = 1 (Handheld - Cradle role and HID role) = 2 (Serial Port Profile Master and Serial Port Profile Slave); Default PIN code = 1234; Default Friendly Name = POWERSCAN BT8300 + SERIAL_NUMBER; Default power class = 1; Default role = Reader communicates with Base; Poweroff timeout = 4 hours; Autoconnect enable, Autoreconnect enable, Batch Mode disable.

OPERATIVE MODE (DK Models only)

Simple Data Input Mode

FUNCTION KEYS DEFAULT (DK Models only)

- F1- backlight (label: "**Lgt**")
- F2- insert a dot in the edit field (label: "**[.]**")
- F3- backspace (label: "←")
- F4- clear the display (label: "**CLR**")

Technical Features

Electrical Features		
Battery Type	2150 Li-Ion battery pack	
Time of recharge	max. 4 hours with external power supply max. 10 hours with Host power	
Operating autonomy (continuous reading)	50,000 reads (typical)	
Display	LCD 4 lines x 16 chars Programmable LED backlight	
Indicators	Good Read LED **green**; Good Read Spot **green**; Beeper	
Laser Features	BT8300	BT8300-AR
Power (max) in mW	0.9 mW	1.3 mW
Light Source	VLD in the range between 630~680 nm	
Scan Rate	35 ± 5 scans/sec	
Reading Field Width (typical)	see reading diagram	
Max. Resolution	0.076 mm (3 mils)	0.19 mm (7.5 mils)
PCS minimum (Datalogic Test Chart)	15%	25%
Scan Angle	42°	13.5° ± 0.7
Laser Safety Class	2 (EN 60825-1 / CDRH)	
Bluetooth Features		
Protocol	Bluetooth 2.0; Class 1 or Class 2 configurable; SPP (Serial Port Profile) or HID (Human Interface Device) profile	
Radio Frequency	2.40 to 2.48 GHz	
Environmental Features		
Working Temperature	-20° to +50 °C / -4 to +122 °F	
Storage Temperature	-20° to +70 °C / -4 to +158 °F	
Humidity	90% non condensing	
Drop resistance (on concrete)	2 m	
Protection Class	IP64 (with display); IP65 (without display)	
Mechanical Features		
Weight (with batteries)	about 400 g (14.10 oz)	
Dimensions	212 x 109 x 71 mm (8.34 x 4.29 x 2.79 in)	
Material	Polycarbonate molded with rubber	
Keyboard	BT8300: no keyboard or display BT8300-D: 3 key keypad and display BT8300-DK: 16 key keypad and display	

Reading Distance

PowerScan™ BT8300

mil	Typical reading distance with good quality codes
5	2.1 - 13.3 cm / 0.8 - 5.2 in
7,5	3.5 - 24.2 cm / 1.4 - 9.5 in
10	2.9 - 42.8 cm / 1.1 - 16.8 in
13	2.3 - 55.1 cm / 0.9 - 21.7 in
20	6.3 - 78.5 cm / 2.5 - 30.9 in
40	2.5 - 97.8 cm / 1.0 - 38.5 in

PowerScan™ BT8300 AR

mil	Typical reading distance with good quality codes
7,5	18 - 50 cm / 7.0 - 19.7 in
10	18 - 85 cm / 7.0 - 33.5 in
15	15 - 165 cm / 5.9 - 65.0 in
20	12 - 210 cm / 4.7 - 82,7 in
40	18 - 375 cm / 7.0 - 147.6 in
55	25 - 485 cm / 9.8in - 15.9 ft
100 (refl. Paper)	1.5 - 12.5 m / 4.9 - 41.0 ft

Warranty

Datalogic warranties this product against defects in workmanship and materials, for a period of 3 years from the date of shipment, provided that the product is operated under normal and proper conditions.

Datalogic Scanning Limited Factory Warranty

Warranty Coverage

Datalogic Scanning ("Datalogic") hardware products are warranted against defects in material and workmanship under normal and proper use. The liability of Datalogic under this warranty is limited to furnishing the labor and parts necessary to remedy any defect covered by this warranty and restore the product to its normal operating condition. Repair or replacement of product during the warranty does not extend the original warranty term. Products are sold on the basis of specifications applicable at the time of manufacture and Datalogic has no obligation to modify or update products once sold.

If Datalogic determines that a product has defects in material or workmanship, Datalogic shall, at its sole option repair or replace the product without additional charge for parts and labor, or credit or refund the defective products duly returned to Datalogic. To perform repairs, Datalogic may use new or reconditioned parts, components, subassemblies or products that have been tested as meeting applicable specifications for equivalent new material and products. Customer will allow Datalogic to scrap all parts removed from the repaired product. The warranty period shall extend from the date of shipment from Datalogic for the duration published by Datalogic for the product at the time of purchase (Warranty period). Datalogic warrants repaired hardware devices against defects in workmanship and materials on the repaired assembly for a 90 day period starting from the date of shipment of the repaired product from Datalogic or until the expiration of the original warranty period, whichever is longer. Datalogic does not guarantee, and it is not responsible for, the maintenance of, damage to, or loss of configurations, data, and applications on the repaired units and at its sole discretion can return the units in the "factory default" configuration or with any software or firmware update available at the time of the repair (other than the firmware or software installed during the manufacture of the product). Customer accepts responsibility to maintain a back up copy of its software and data.

Warranty Claims Process

In order to obtain service under the Factory Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the applicable Warranty period and obtain from Datalogic a return authorization number (RMA) for return of the product to a designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any

other locations.   Failure to follow the applicable RMA policy, may result in a processing fee. Customer shall be responsible for return shipment expenses for products which Datalogic, at its sole discretion, determines are not defective or eligible for warranty repair.

Warranty Exclusions

The Datalogic Factory Warranty shall not apply to:

(i)   any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;

(ii)   any claimed defect, failure or damage which Datalogic determines was caused by faulty operations, improper use, abuse, misuse, wear and tear, negligence, improper storage or use of parts or accessories not approved or supplied by Datalogic;

(iii)   any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;

(iv)   any claimed defect or damage caused by the failure to provide proper maintenance, including but not limited to cleaning the upper window in accordance with product manual;

(v)   any defect or damage caused by natural or man-made disaster such as but not limited to fire, water damage, floods, other natural disasters, vandalism or abusive events that would cause internal and external component damage or destruction of the whole unit, consumable items;

(vi)   any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;

(vii)   the replacement of upper window/cartridge due to scratching, stains or other degradation and/or

(viii) any consumable or equivalent (e.g., cables, power supply, batteries, keypads, touch screen, triggers etc.).

No Assignment

Customer may not assign or otherwise transfer its rights or obligations under this warranty except to a purchaser or transferee of product. No attempted assignment or transfer in violation of this provision shall be valid or binding upon Datalogic.

DATALOGIC'S LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. DATALOGIC SHALL NOT BE LIABLE FOR ANY DAMAGES SUSTAINED BY CUSTOMER ARISING FROM DELAYS IN THE REPLACEMENT OR REPAIR OF PRODUCTS UNDER THE ABOVE. THE REMEDY SET FORTH IN THIS WARRANTY STATEMENT IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR WARRANTY CLAIMS. UNDER NO CIRCUMSTANCES WILL DATALOGIC BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOST PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL IN-DIRECT, SPECIAL OR CONTINGENT DAMAGES REGARDLESS OF WHETHER DATALOGIC HAD ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

Risk of Loss

Customer shall bear risk of loss or damage for product in transit to Datalogic. Datalogic shall assume risk of loss or damage for product in Datalogic's possession. In the absence of specific written instructions for the return of product to Customer, Datalogic will select the carrier, but Datalogic shall not thereby assume any liability in connection with the return shipment.

Service and Support

Datalogic provides several services as well as technical support through its website. Log on to www.scanning.datalogic.com and click on the links indicated for further information including:

- **PRODUCTS**

    Search through the links to arrive at your product page where you can download specific Manuals and Software & Utilities including:

  - Datalogic Aladdin™, a multi-platform utility program that allows device configuration using a PC. It provides RS-232 and USB-COM interface configuration, as well as configuration bar code printing.

- **SERVICE & SUPPORT**

  - Technical Support - Product documentation and programming guides and Technical Support Department in the world

  - Service Programs - Warranty Extensions and Maintenance Agreements

  - Repair Services - Flat Rate Repairs and Return Material Authorization (RMA) Repairs.

  - Downloads – Manuals & Documentation, Data Sheets, Product Catalogues, etc.

- **CONTACT US**

    Information Request Form and Sales & Service Network

Compliance
This device must be opened by qualified personnel only.
The batteries must be removed before opening the device.

FCC Compliance

Modifications or changes to this equipment without the expressed written approval of Datalogic could void the authority to use the 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 which may cause undesired operation.

FCC ID U4F0015.

Radio Compliance

Contact the competent authority responsible for the management of radio frequency devices of your country to verify any possible restrictions or licenses required.

Refer to the web site http://europa.eu.int/comm/enterprise/rtte/spectr.htm for further information.

CE ①

Laser Safety Compliance

The laser scanner conforms to the applicable requirements of both CDRH 21 CFR 1040 and EN60825-1 at the date of manufacture.

The laser light is visible to the human eye and is emitted from the output window (1).

Laser warning and classification label (2).

La utilización de procedimientos o regulaciones diferentes de aquellas descritas en la documentación puede causar una exposición peligrosa a la luz láser visible.

CAUTION

The laser scanner utilizes a low-power laser diode. Although staring directly at the laser beam momentarily causes no known biological damage, avoid staring at the beam as one would with any very strong light source, such as the sun. Avoid that the laser beam hits the eye of an observer, even through reflective surfaces such as mirrors, etc.

The following information is shown on the laser scanner device class label:

|			
ITALIANO	LUCE LASER	DEUTSCH	LASERSTRAHLUNG
Classe 2:	NON FISSARE IL RAGGIO APPARECCHIO LASER DI CLASSE 2	Klasse 2:	NICHT IN DEN STRAHL PRODUKT DER LASERKLASSE 2
FRANÇAIS	RAYON LASER	ESPAÑOL	RAYO LÁSER
Classe 2:	EVITER DE REGARDER LE RAYON APPAREIL LASER DE CLASSE 2	Clase 2:	NO MIRAR FIJO EL RAYO APARATO LÁSERDE CLASE 2

LED CLASS

Class 1 LED product.

This product conforms to EN60825-1:2001.

IC (Industry Canada)

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

WEEE Compliance
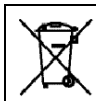
Waste Electrical and Electronic Equipment (WEEE) Statement

English

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

Italian

Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.scanning.datalogic.com.

French

Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site Internet www.scanning.datalogic.com.

German

Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.scanning.datalogic.com.

Spanish

Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.scanning.datalogic.com.

Portuguese

Para informações sobre a disposição de Sucatagem de Equipamentos Eléctricos e Eletrônicos (WEEE - Waste Electrical and Electronic Equipment), consultar o site web www.scanning.datalogic.com.

Chinese

有关处理废弃电气电子设备（WEEE）的信息，请参考 Datalogic 公司的网站：
http://www.scanning.datalogic.com/。

Japanese

廃電気電子機器（ＷＥＥＥ）の処理についての関連事項は Datalogic のサイト
www.scanning.datalogic.com, をご参照下さい。

Hex/Numeric Table

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Hex/ Numeric Table (continued)

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Exit and Save Configuration

NOTES

NOTES

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959 Terry Street
Eugene, OR 97402

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PowerScan BT83xx; Cordless Bar Code Reader

e tutti i suoi modelli
and all its models
et tous ses modèles
und seine Modelle
y todos sus modelos

sono conformi alla Direttiva del Consiglio Europeo sottoelencata:
are in conformity with the requirements of the European Council Directive listed below:
sont conformes aux spécifications de la Directive de l'Union Européenne ci-dessous:
der nachstehenden angeführten Direktive des Europäischen Rats entsprechen:
cumple con los requisitos de la Directiva del Consejo Europeo, según la lista siguiente:

1999/5/EEC R&TTE

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:
This declaration is based upon compliance of the products to the following standards:
Cette déclaration repose sur la conformité des produits aux normes suivantes:
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:
Esta declaración se basa en el cumplimiento de los productos con las siguientes normas:

ETSI EN 301 489-3 v1.4.1, August 2002:	ElectroMagnetic Compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz
ETSI EN 300 220-3 v1.1.1, September 2000:	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW; Part 3: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive
EN 60950-1, December 2001:	INFORMATION TECHNOLOGY EQUIPMENT — SAFETY — Part 1: General requirements

December 14th, 2007

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