✸DATALOGIC

PowerScan™ M8300 Readers
Industrial Handheld Laser Bar Code Reader
with Datalogic's STAR Cordless System™

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PowerScan™ PM8300-DK 16-Key Reader

Using the PowerScan™ PM8300-DK

The PowerScan™ PM8300-DK series readers can be used with either an BC-80X0 cradle or Stargate™ radio base station to build a Cordless Reading System for the collection, decoding and transmission of barcoded data.

PowerScan™ PM8300-DK laser readers automatically scan barcodes 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:
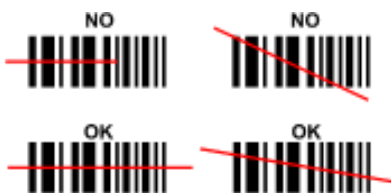
Reading Angle

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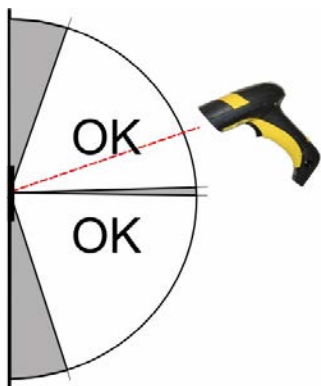
Aiming System

PowerScan™ PM8300-DK 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.

NOTE

To charge the Battery Pack, See "Charging the Batteries" on page 7.

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, 2011/65/EU, 2002/96/EC and 2012/19/EU, and subsequent modifications, US and China regulatory and others laws and regulations about the environment.

Charging the Batteries

Once the BC-80X0/C-8000 is powered, you can charge the reader's batteries.

Place the PowerScan™ PM8300-DK into the BC-80X0 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.

To change the batteries, unscrew the retaining screw and extract the battery pack from the reader handle. Then, insert the new battery pack into the reader handle and tighten the screw. (See the following figures).

Figure 1. Changing the Batteries
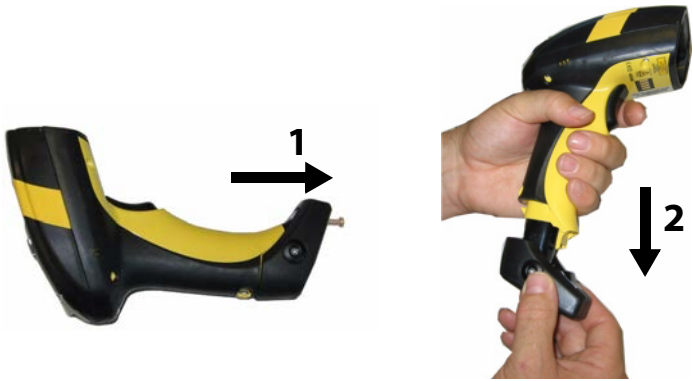
Do not incinerate, disassemble, short terminals or expose to high temperature. Risk of fire, explosion. Use specified charger only. Risk of explosion if the battery is replaced by an incorrect type. Dispose of the batteries as required by the relevant laws in force.

WARNING

Setup

PowerScan™ PM8300-DK/BC-80X0 Point-to Point Configuration

1. Connect a BC-80X0 cradle to the Host. For installation and connection information see the BC-80X0 Quick Reference Manual.

2. Charge the PowerScan™ PM8300-DK battery using an BC-80X0 or the C-8000 charger as described in this Quick Reference manual. 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 - PowerScan™ PM8300-DK/BC-80X0 Point-to-Point Setup.

4. Configure the BC-80X0 cradle. See BC-80X0 Configuration in the BC-80X0 Quick Reference.

or

PowerScan™ PM8300-DK/BC-80X0 Stand Alone Configuration

1. Connect an BC-80X0 cradle to the Host. For installation and connection information see the BC-80X0 Quick Reference Manual.

2. Charge the PowerScan™ PPM8300-DK battery using an BC-80X0 or the C-8000 charger as described in this Quick Reference manual. 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 - PowerScan™ PM8300-DK/BC-80X0 Stand Alone Setup.

4. Configure the BC-80X0 cradle. See BC-80X0 Configuration in the BC-80X0 Quick Reference.

or

PowerScan™ PM8300-DK/STAR-System™ Configuration

1. Charge the PowerScan™ PM8300-DK battery using an BC-8000 or the C-8000 charger as described in this Quick Reference manual. 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.

2. Configure the reader as described in this Quick Reference PowerScan™ PM8300-DK/STAR-System™ Setup.

PowerScan™ PM8300-DK Configuration

PowerScan™ PM8300-DK/BC-80X0 Point-to-Point Setup

A rapid configuration procedure has been devised for point-to-point applications where a <u>single</u> reader is associated exclusively with its own BC-80X0 base station and where it is not necessary to set the Date and Time parameters.

A special pre-printed bind-address label provided in the BC-80X0 base station package can be used to bind the PowerScan™ PM8300-DK reader to the base station with the address coded on the label. The address is also written numerically on the label to be easily recognized. Valid addresses are in the range from 0000 to 1999. Make sure that all cradles used in the same area have different addresses.

To rapidly configure your point-to-point application:

1.   Apply the bind-address label onto the BC-80X0 base station as indicated in the BC-80X0 Quick Reference Manual.

2.   When the BC-80X0 cradle is connected and powered, read the Bind-Address label to pair the PowerScan™ PM8300-DK to the BC-80X0 cradle.
     The green LED on the PowerScan™ PM8300-DK will blink: the reader is ready to be positioned onto the cradle.

3.   Firmly position the reader onto the cradle within 10 seconds, a beep will be emitted, signaling that the BC-80X0 cradle has been paired to the PowerScan™ PM8300-DK, and the green LED on the reader will go off.

Green LED

If it ever becomes necessary to change the reader, just read the bind-address label applied to the cradle and position the new reader onto the cradle.

Do not use multiple readers with this configuration method.

4.   Configure the BC-80X0 cradle, refer to the "BC-80X0 Quick Reference".

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

PowerScan™ PM8300-DK/BC-80X0 Stand Alone Setup

When the BC-80X0 cradle is connected and powered, configure the PowerScan™ PM8300-DK by reading the following codes in the given sequence and follow the instructions..

NOTE

For the numeric code selection of steps 3, 4, and 5 use the table at the end of this Quick Reference manual.

1.

Restore PowerScan™ PM8300-DK Default

2.

Enter Configuration

3.

Set Date

+

six digits for Day, Month and Year (DDMMYY).

4.

Set Time

+

four digits for Hours and Minutes (HHMM).

5.

Set Radio Address

+

four digits for the PowerScan™ PM8300-DK Address
(from 0000 to 1999).

All readers used in the same area must have different addresses.

6.   Exit and Save Configuration

7.   Read the **Bind** code to pair the PowerScan™ PM8300-DK to the BC-80X0 cradle.
      The reader is dedicated to the cradle. Any previously **bound** reader will be
      excluded.

      To connect several readers to the same cradle see the following section "Using
      Multiple Readers with Same Cradle".

                                        Bind

      The green LED on the PowerScan™ PM8300-DK will blink: the reader is ready to
      be positioned onto the cradle.

8.   Firmly position the reader onto the cradle within 10 seconds, a beep will be
      emitted, signaling that the BC-80X0 cradle has been paired to the PowerScan™
      PM8300-DK, and the green LED on the reader will go off.

Green LED

9.   Configure the BC-80X0 cradle, refer to the "BC-80X0 Quick Reference".

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

Using Multiple Readers with Same Cradle

If you want to use several readers associated with the same cradle, you must first Bind the cradle with one of the readers (see previously described configuration procedure).

<u>Successive readers</u> can be associated with the same cradle by following the configuration procedure substituting the Bind command with Join.

7.   Join

The green LED on the PowerScan™ PM8300-DK will blink: the reader is ready to be positioned onto the cradle. **Complete step 8.**

END of procedure.

All readers associated with the same cradle must have different addresses.

CAUTION

PowerScan™ PM8300-DK/STAR-MODEM™ Stand Alone Setup

To configure a PowerScan™ PM8300-DK reader to communicate with STAR-Modem™ in Stand Alone Mode, follow the "PowerScan™ PM8300-DK/BC-80X0 Stand Alone Setup" procedure substituting steps 6 and 7 with those below:

6.   STAR-Modem™ Address

Read the code above <u>and the four-digit address</u> of the STAR-Modem™.

7.   Exit and Save Configuration

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

PowerScan™ PM8300-DK/STAR-SYSTEM™ Setup

The following procedure allows configuring a PowerScan™ PM8300-DK reader to communicate with various STAR-System™ devices such as Stargate™ RF base stations:

1.
Restore PowerScan™ PM8300-DK Default

2.
Enter Configuration

3.
Set Date

+

six digits for Day, Month and Year (DDMMYY).

4.
Set Time

+

four digits for Hours and Minutes (HHMM).

5. Set the connection according to the length of the codes to be read:

Code Length ≤240 Characters

Code Length >240 Characters
(not for systems with BC-80X0 as Master)

6. Set Radio Address

+

four digits from the Numeric Table for the PowerScan™ PM8300-DK Address (from 0000 to 1999).

All readers used in the same area must have different addresses.

7. Set First STAR-System™ Address

+

four digits from the Numeric Table in the range 0000 to 1999

8. Set Last STAR-System™ Address

+

four digits from the Numeric Table in the range 0000 to 1999

NOTE

Whenever the system is composed of a single base station, the first and last base station addresses (steps 7 and 8) must have the same value.

9. Exit and Save Configuration

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

Selecting the Operative Mode

The PowerScan PM8300-DK has two basic operative modes.

Simple Data Input Mode

In Simple Data Input Mode, data entered manually on the keypad is transmitted to the host once the enter key is pressed. The data can be transmitted in one of three ways:

1. With the same formatting of the read barcode;

2. With a specifically defined formatting;

3. Without additional information.

Enable Simple Data Input Mode (Default)

Quantity-Code Mode

When the scanner is in Quantity-code Mode, the operator is prompted to enter data for quantity (QTY), and then to read the barcode label. The data input by the operator is then appended to the barcode label and it is transmitted in a single string with configurable header, terminators and separator.

The order can be defined (i.e. header-qty-separator-code-terminator OR header-code-separator-qty-terminator).

If no quantity is entered and a barcode is read the scanner can be set to either:

1. Transmit as described above, with default quantity equal to 1;

2. Transmit barcode alone without any additional formatting;

3. Discard barcode label and generate an error beep.

Enable Quantity-Code Mode

PowerScan™ PM8300-DK 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

radio protocol timeout = 2 seconds, power-off timeout = 4 hours, transmission mode = one-way, beeper control for radio response = normal, single store disabled, batch mode disabled, find me enabled, radio RX timeout = disable

OPERATIVE MODE

Simple Data Input Mode

FUNCTION KEYS DEFAULT

- 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)	60,000 reads (typical)	
Display	LCD 4 lines x 16 chars Programmable LED backlight	
Indicators	Good Read LED **green** Good Read Spot **green** Beeper	
Laser Features	M8300-DK	M8300-DKAR
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 tables	
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)	
Radio Features	European Models	USA Models
Radio Frequency	433.92 MHz	910 MHz
Bit rate	19200 baud	36800 baud
Range (in open air)	50 m	30 m
System Configuration	BC-80X0	STARGATE™
Max. number of devices per base station	32	255
Max. number of devices in the same reading area	2000	
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	
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	16-key keypad with programmable LED Backlight	

Reading Tables

PowerScan™ M8300

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™ M8300 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 / 9.8 in - 15.9 ft
100 (refl. Paper)	1.5 - 12.5 m / 4.9 - 41.0 ft

Datalogic ADC Limited Factory Warranty

Warranty Coverage

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 ADC ("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.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 barcode 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.

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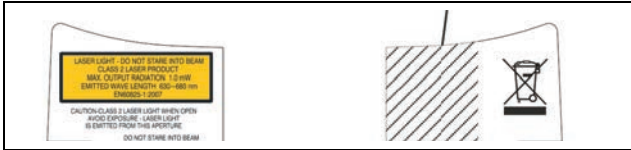
ITALIANO	LUCE LASER	DEUTSCH	LASERSTRAHLUNG
Classe 2:	NON FISSARE IL RAGGIO APPARECCHIO LASER DI CLASSE 2	Klasse 2:	NICHT IN DEN STRAHL PRODUKT DER LASERKLASSE 2
FRANÇAIS	RAYON LASER	ESPAÑOL	RAYO LÁSER
Classe 2:	EVITER DE REGARDER LE RAYON APPAREIL LASER DE CLASSE 2	Clase 2:	NO MIRAR FIJO EL RAYO APARATO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

POWER SUPPLY

	Características de la fuente de alimentación eléctrica.	
Atencíon	**Entrada:**	100 - 240 VCA min 400 mA 50-60 Hz
	Salida:	12VDC, máx 1500mA (-)Negativo al centro
Utilice en su red solo fuentes certificadas en Argentina.		
El uso de fuentes de alimentación no compatibles puede resultar en riesgo de incendio o de choque eléctrico para el usuario.		

China RoHS Table of Restricted Elements (Scanner)

PART	部件名称	Lead (Pb) 铅	Mercury (Hg) 汞	Cadmium (Cd) 镉	Hexavalent Chromium (CrVI) 六价铬	Polybrominated biphenyls (PBB) 多溴联苯	Polybrominated diphenyl ethers (PBDE) 多溴二苯醚
				有毒有害物质或元素			
Printed Circuit Board Assembly	电路板组件	X	O	O	O	O	O
Assy, Optics Block	光学组件	X	O	O	O	O	O
Assy, Module	光学组件	X	O	O	O	O	O

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》 (SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中，至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》 (SJ/T 11363-2006) 规定的限量

China RoHS Table of Restricted Elements (Base)

PART	部件名称	Lead (Pb) 铅	Mercury (Hg) 汞	Cadmium (Cd) 镉	Hexavalent Chromium (Cr(VI)) 六价铬	Polybrominated biphenyls (PBB) 多溴联苯	Polybrominated diphenyl ethers (PBDE) 多溴二苯醚
				有毒有害物质或元素			
Printed Circuit Board Assembly	电路板组件	X	O	O	O	O	O
Assy, Module	光学组件	X	O	O	O	O	O

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中，至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量

Cofetel Mexico Statement

Cofetel Mexico Update

Este producto es usable en México.

Certificado Nr. RCPDAST08-0269 (COFETEL).

Brazilian Certification Statements

PM8300DK+DK-RB

Agência Nacional de Telecomunicações
1859-09-4727

(0 1) 0 7 8 9 8 9 1 6 3 4 5 7 0 3

Modelo M8300 DK

Agência Nacional de Telecomunicações
1859-09-4727

(0 1) 0 7 8 9 8 9 1 6 3 4 5 7 1 0

Modelo M8300 DK-RB

"Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."

PM8300-DKAR433 & DKAR-RB

Agência Nacional de Telecomunicações
1859-09-4727

(01)07898916345727

Modelo M8300 DKAR

Agência Nacional de Telecomunicações
1859-09-4727

(01)07898916345734

Modelo M8300 DKAR-RB

"Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."

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.datalogic.com.

Italian

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

French

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

German

Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.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.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.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.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.datalogic.com, をご参照下さい。

Numeric Table

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◆DATALOGIC

DECLARATION OF CONFORMITY

CE 13

**Datalogic ADC Srl, Via S. Vitalino, 13
Lippo di Calderara di Reno (BO) 40012 Italy**

EC-054
Rev.: 4
Pag.: 1 di 1

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva di Datalogic ADC Srl per:
This Declaration of Conformity is issued under the sole responsibility of Datalogic ADC Srl for:
Cette déclaration de conformité est établie sous la seule responsabilité de Datalogic Srl pour:
Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Datalogic ADC Srl erteilt für:
Esta declaración de conformidad se expide bajo la exclusiva responsabilidad de Datalogic ADC Srl para:

PowerScan M83xx ; Cordless Barcode Reader
PowerScan M85xx ; Cordless Barcode Reader

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

sono conformi alle Direttive del Consiglio Europeo sottoelencate:
are in conformity with the requirements of the European Council Directives listed below:
sont conformes aux spécifications des Directives de l'Union Européenne ci-dessous:
den nachstehenden angeführten Direktiven des Europäischen Rats:
cumple con los requisitos de las Directivas del Consejo Europeo, según la lista siguiente:

1999/5/EC - R&TTE Directive
2011/65/EU - RoHS Directive

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 9KHZ AND 40GHZ
EN 301 489-1 V1.8.1, APRIL 2008 :	ELECTROMAGNETIC COMPATIBILITY AND RADIO SPECTRUM MATTERS (ERM); ELECTROMAGNETIC COMPATIBILITY (EMC) STANDARD FOR RADIO EQUIPMENT AND SERVICES; PART 1: COMMON TECHNICAL REQUIREMENTS
ETSI EN 300 220-2 V2.1.2, JUNE 2007 :	ELECTROMAGNETIC COMPATIBILITY AND RADIO SPECTRUM MATTERS (ERM); SHORT RANGE DEVICES (SRD); RADIO EQUIPMENT TO BE USED IN THE 25MHZ TO 1000MHZ FREQUENCY RANGE WITH POWER LEVELS RANGING UP TO 500MW; PART 2: HARMONIZED EN COVERING ESSENTIAL REQUIREMENTS UNDER ARTICLE 3.2 OF THE R&TTE DIRECTIVE
EN 60950-1, APRIL 2006 + A11:2009+A1:2010 + A12:2011:	INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1 : GENERAL REQUIREMENTS
EN 50581, SEPTEMBER 2012 :	TECHNICAL DOCUMENTATION FOR THE ASSESSMENT OF ELECTRICAL AND ELECTRONIC PRODUCTS WITH RESPECT TO THE RESTRICTION OF HAZARDOUS SUBSTANCES

Lippo di Calderara, March 29th , 2013

RUGGERO CACIOPPO
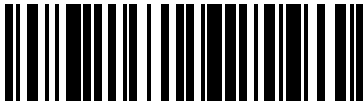*QUALITY & RELIABILITY MANAGER - EUROPE*

Ruggero Cacioppo

DATALOGIC

www.datalogic.com

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Telephone: (1) 541-683-5700 **|** Fax: (1) 541-345-7140

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