

**Datalogic ADC S.r.l.**  
 Via S. Vitalino, 13  
 40012 Lippo di Calderara di Reno  
 Bologna - Italy  
 Telephone: (+39) 051-3147011  
 Fax: (+39) 051-3147205

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#### Disclaimer

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#### Patents

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

## SERVICE AND SUPPORT

Datalogic provides several services as well as technical support through its website. Log on to [www.datalogic.com](http://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 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



## CHR-DBT60 Base Charger for RIDA™ Products

### Quick Reference Guide



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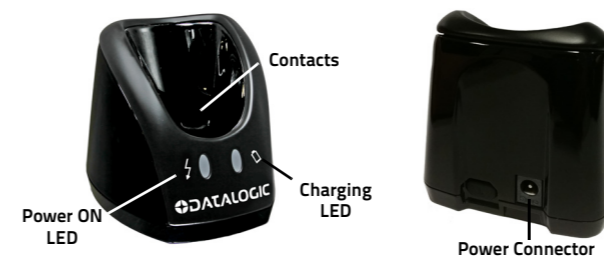
[www.datalogic.com](http://www.datalogic.com)

## DESCRIPTION



**Read this manual carefully before performing any type of connection.**  
**Connections should always be made with power off!**  
**The user is responsible for any damages caused by incorrect use of the equipment or by inobservance of the indication supplied in this manual.**

The CHR-DBT60 is a base charger designed to be paired with the RIDA portable barcode scanner. The base charger allow the recharge of RIDA internal battery simple inserting the product in the base. The base charger need to be powered by an external power supply.



## LED INDICATORS

LED	COLOR	STATUS
Power ON	Yellow	ON = Base charger is powered.
Charging	Green	ON = Power on contacts for charging the inserted device.



**When the device is inserted into the base, the battery charging is managed by the device. The charging led on the device indicates the charging stages.**  
**Refer to the device QRG for details regarding the battery charging and management.**

## TECHNICAL FEATURES

Electrical Features	
Supply voltage	5 VDC ±10%
Power consumption (without reader inserted)	max. 20mA
Power consumption (with reader inserted)	max. 500 mA
Environmental Features	
Working temperature	0° to +50 °C / +32° to +122 °F
Storage temperature	-20° to +70 °C / -4° to +158 °F
Humidity	Operating: 5% to 90% relative humidity, non-condensing
Protection class	IP40
Drop specification	The base withstands 18 drops from 90 cm to concrete
ESD level	4 KV contact / 8 KV air
Regulatory	
Electrical Safety	UL 60950, CSA C22.2 No. 60950, IEC 60950
EMI/RFI	North America (FCC) Part 15 Class B, Canada (IC) ICES-003 Class B, Europe CE, Australia, RCM, Russia EAC
Mechanical Features	
Size	71 x 67x 70 mm / 2.8 x 2.64 x 2.76 in
Weight	95 gr / 3.35 oz

## SYSTEM CONNECTIONS

Apply power to the CHR-DBT60 by connecting an LPS power supply unit to the connector on the rear panel of the base charger. Check carefully the polarity, the CHR-DBT60 require a negative polarity coaxial power connector.



## DEVICE INSERTION/REMOVAL

For correct insertion into the base charger, insert the DBT6400 device from the top of the base and push it gently down.



To remove the DBT6400 device from the base charger, simply pull it upwards. For an intensive use and frequent device insertion and removal is suggested to fix the base to the desk with the adhesive provided.

## ERGONOMIC RECOMMENDATIONS



**In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.**

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

## CLEANING

Exterior surfaces exposed to spills, smudges or debris require periodic cleaning to ensure best performance during charging. Contacts on the scanner and the base should also be cleaned as needed to ensure a good connection. Be sure to unplug the reader and power off the base charger before cleaning. Use a soft, dry cloth to clean the product. An antistatic cloth is preferable but you can also use a cotton cloth. Avoid wool, synthetic cloths or other materials that can cause electrostatic discharges. If the product is very soiled, clean it with a soft cloth moistened with a diluted nonaggressive cleaning solution or diluted ethyl alcohol.



**Do not use abrasive or aggressive cleansing agents or abrasive pads to clean scan windows, contacts or plastics.**  
**Do not spray or pour liquids directly onto the unit.**

## 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.

### Customs Union

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



## 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 5V±10% minimum 1000mA for DBT6400 or rated 5.2V, which supplies power directly to the reader via the power connector of the cable.

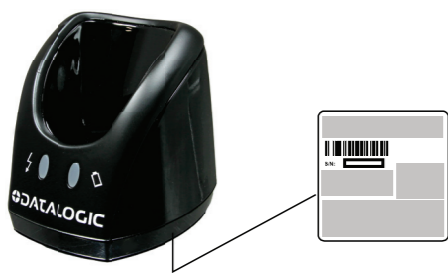
### Argentina Power Supply Statement

 <b>Atención</b>	<b>Características de la fuente de alimentación eléctrica.</b>
	<b>Entrada:</b> 100 - 240 Vca min 600 mA, 50/60 HZ  <b>Salida:</b> 5VDC, 1000mA (-)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.	

## Charger Labeling

Label is shown here to illustrate its location only. Please view the label on your product for actual details.

### Charger Label



## WEEE STATEMENT



### English

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).

### Italian

Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web [www.datalogic.com](http://www.datalogic.com).

### French

Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet [www.datalogic.com](http://www.datalogic.com).

### German

Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite [www.datalogic.com](http://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](http://www.datalogic.com).

### Portuguese

Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE - Waste Electrical and Electronic Equipment), consultar o site web [www.datalogic.com](http://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 [www.datalogic.com](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](http://www.datalogic.com) をご参照下さい。

## CHINA ROHS TABLE OF RESTRICTED ELEMENTS (BASE)

PART	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Printed Circuit Board Assembly	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
Assy. Module	X	O	O	O	O	O
部件名称: 电路板组件 光学组件 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的含量均低于中华人民共和国信息产业部颁布的《电子信息产品中有害物质含量的限量要求》(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的含量高于中华人民共和国信息产业部颁布的《电子信息产品中有害物质含量的限量要求》(SJ/T 11363-2006) 规定的限量。						

## 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:

- any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;
- 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;
- any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;
- 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;
- 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;
- any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;
- the replacement of upper window / cartridge due to scratching, stains or other degradation and/or
- 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 NON-INFRINGEMENT. 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.

## DATALOGIC DECLARATION OF CONFORMITY



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

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:

### CHR-DBT60; CHARGER ONLY BASE

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:

2014/30/EU - EMC Directive  
2011/65/EU - RoHS Directive

Basate sulle legislazioni degli Stati membri in relazione alla compatibilità elettromagnetica ed alla sicurezza dei prodotti.

On the approximation of the laws of Member States relating to electromagnetic compatibility and product safety.

Basée sur la législation des Etats membres relative à la compatibilité électromagnétique et à la sécurité des produits.

Über die Annäherung der Gesetze der Mitgliedsstaaten in bezug auf elektromagnetische Verträglichkeit und Produktsicherheit entsprechen.

Basado en la aproximación de las leyes de los Países Miembros respecto a la compatibilidad electromagnética y las Medidas de seguridad relativas al producto.

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:

EN 55022 (CLASS B ITE), DECEMBER 2010, Ec: OCTOBER 2011: LIMITS AND METHODS OF MEASUREMENTS OF RADIO DISTURBANCE - CHARACTERISTICS OF INFORMATION TECHNOLOGY EQUIPMENT

EN 55024, NOVEMBER 2010: INFORMATION TECHNOLOGY EQUIPMENT - IMMUNITY CHARACTERISTICS - LIMITS AND METHODS OF MEASUREMENT

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,

Ruggero Cacioppo

*Ruggero Cacioppo*