

 **DATALOGIC**

Magellan™ 8300/8400



Quick Reference Guide

Datalogic ADC, Inc.
959 Terry Street
Eugene, OR 97402
USA
Telephone: (541) 683-5700
Fax: (541) 345-7140

©2006-2013 Datalogic ADC, Inc.

An Unpublished Work - All rights reserved. No part of the contents of this documentation or the procedures described therein may be reproduced or transmitted in any form or by any means without prior written permission of Datalogic ADC, Inc. or its subsidiaries or affiliates ("Datalogic" or "Datalogic ADC"). Owners of Datalogic products are hereby granted a non-exclusive, revocable license to reproduce and transmit this documentation for the purchaser's own internal business purposes. Purchaser shall not remove or alter any proprietary notices, including copyright notices, contained in this documentation and shall ensure that all notices appear on any reproductions of the documentation.

Should future revisions of this manual be published, you can acquire printed versions by contacting your Datalogic representative. Electronic versions may either be downloadable from the Datalogic website (www.datalogic.com) or provided on appropriate media. If you visit our website and would like to make comments or suggestions about this or other Datalogic publications, please let us know via the "Contact Datalogic" page.

Disclaimer

Datalogic has taken reasonable measures to provide information in this manual that is complete and accurate, however, Datalogic reserves the right to change any specification at any time without prior notice.

Datalogic and the Datalogic logo are registered trademarks of Datalogic S.p.A. in many countries, including the U.S.A. and the E.U. All other brand and product names may be trademarks of their respective owners.

Magellan is a registered trademark of Datalogic ADC, Inc. in many countries, including the U.S.A. and All-Weights, First-Strike and SurroundScan are registered trademarks of Datalogic ADC, Inc. in the U.S.A. OmegaTek, Produce Rail, Productivity Index Reporting and SmartSentry are all trademarks of Datalogic ADC, Inc.

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

4603262 • 4639606 • 4652750 • 4672215 • 4699447 • 4709369 • 4749879 • 4786798 • 4792666 • 4794240 • 4798943 • 4799164 • 4820911 • 4845349 • 4861972 • 4861973 • 4866257 • 4868836 • 4879456 • 4939355 • 4939356 • 4943127 • 4963719 • 4971176 • 4971177 • 4991692 • 5001406 • 5015831 • 5019697 • 5019698 • 5086879 • 51115120 • 51444118 • 5146463 • 5179270 • 5198649 • 5200597 • 5202784 • 5208449 • 5210397 • 5212371 • 5212372 • 5214270 • 5229590 • 5231293 • 5232185 • 5233169 • 5235168 • 5237161 • 5237162 • 5239165 • 5247161 • 5256864 • 5258604 • 5258699 • 5260554 • 5274219 • 5296689 • 5298728 • 5311000 • 5327451 • 5329103 • 5330370 • 5347113 • 5347121 • 5371361 • 5382783 • 5386105 • 5389917 • 5410108 • 5420410 • 5422472 • 5426507 • 5438187 • 5440110 • 5440111 • 5446271 • 5446749 • 5448050 • 5463211 • 5475206 • 5475207 • 5479011 • 5481098 • 5491328 • 5493108 • 5504350 • 5508505 • 5512740 • 5541397 • 5552593 • 5557095 • 5563402 • 5565668 • 5576531 • 5581707 • 5594231 • 5594441 • 5598070 • 5602376 • 5608201 • 5608399 • 5612529 • 5629510 • 5635699 • 5641958 • 5646391 • 5661435 • 5664231 • 5666045 • 5671374 • 5675138 • 5682028 • 5686716 • 5696370 • 5703347 • 5705802 • 5714750 • 5717194 • 5723852 • 5750976 • 5767502 • 5770847 • 5786581 • 5786585 • 5787103 • 5789732 • 5796222 • 5804809 • 5814803 • 5814804 • 5821721 • 5822343 • 5825009 • 5834708 • 5834750 • 5837983 • 5837988 • 5852286 • 5864129 • 5869827 • 5874722 • 5883370 • 5905249 • 5907147 • 5923023 • 5925868 • 5929421 • 5945670 • 5959284 • 5962838 • 5979769 • 6000619 • 6006991 • 6012639 • 6016135 • 6024284 • 6041374 • 6042012 • 6045044 • 6047889 • 6047894 • 6056198 • 6065676 • 6069696 • 6073849 • 6073851 • 6094288 • 6112993 • 6129279 • 6129282 • 6134039 • 6142376 • 6152368 • 6152372 • 6155488 • 6166375 • 6169614 • 6173894 • 6176429 • 6188500 • 6189784 • 6213397 • 6223986 • 6230975 • 6230976 • 6244510 • 6259545 • 6260763 • 6266175 • 6273336 • 6276605 • 6279829 • 6290134 • 6290135 • 6293467 • 6303927 • 6311895 • 6318634 • 6328216 • 6332576 • 6332577 • 6343741 • 6454168 • 6478224 • 6568598 • 6578765 • 6705527 • 6857567 • 6974084 • 6991169 • 7051940 • 7170414 • 7172123 • 7201322 • 7204422 • 7215493 • 7224540 • 7234641 • 7243850 • 7374092 • 7407096 • 7490770 • 7495564 • 7506816 • 7527198 • 7527207 • 7537166 • 7562817 • 601 26 118.6 • AU703547 • D312631 • D313590 • D320011 • D320012 • D323492 • D330707 • D330708 • D349109 • D350127 • D350735 • D351149 • D351150 • D352936 • D352937 • D352938 • D352939 • D358588 • D361565 • D372234 • D374630 • D374869 • D375493 • D376357 • D377345 • D377346 • D377347 • D377348 • D388075 • D446524 • D606544 • EP0256296 • EP0260155 • EP0260156 • EP0295936 • EP0325469 • EP0349770 • EP0368254 • EP0442215 • EP0498366 • EP0531645 • EP0663643 • EP0698251 • EP01330772 • EP870761 • GB2252333 • GB2284086 • GB2301691 • GB2304954 • GB2307093 • GB2308267 • GB2308678 • GB2319103 • GB2333163 • GB2343079 • GB2344486 • GB2345568 • GB2354340 • ISR107546 • ISR118507 • ISR118508 • JP1962823 • JP1971216 • JP2513442 • JP2732459 • JP2829331 • JP2953593 • JP2964278 • MEX185552 • MEX187245 • RE37166 • RE40071

Additional patents pending

DATALOGIC ADC, INC. MAGELLAN™ END USER LICENSE AGREEMENT

Notice to End User: The Datalogic Product you have acquired contains embedded Software, which is integral to the product's operation. This Software is being provided to you under license, subject to the terms and conditions of this Agreement. If you use the Datalogic Product, you will be deemed to have accepted the terms and conditions of this Agreement. If you do not intend to be bound to the terms of this Agreement, Datalogic is not willing to license the Software to you, you may not use the Datalogic Product or the Software, and you must contact the party from whom you acquired the Datalogic Product for instructions.

This End User Software License Agreement ("Agreement") is a legally binding agreement governing the licensing of the Software and Documentation by Datalogic Holdings, Inc. and its subsidiaries and affiliates ("Datalogic") to the entity or person who has purchased or otherwise acquired a Datalogic Product ("End User"). For purposes of this Agreement, any software that is associated with a separate end-user license agreement is licensed to you under the terms of that license agreement. Datalogic and End User hereby agree as follows:

1. Definitions.

- 1.1 "Documentation" means materials such as user's guides, program reference guides, quick reference guides, manuals, or similar materials associated with or related to the Datalogic Product, whether in printed, "online", or other form.
- 1.2 "Proprietary Information" means: (a) source code, object code, software, documentation, and any related internal design, system design, data base design, algorithms, technology, technical data or information, implementation techniques, and trade secrets related to the Software, (b) any other trade secrets marked appropriately or identified as proprietary or confidential, and (c) any information that End User, under the circumstances, should recognize as confidential. Proprietary Information does not include any information that the receiving party can establish was (1) in the public domain, (2) already in the receiving party's possession or rightfully known prior to receipt, (3) rightfully learned from a third party not in violation of any other's proprietary rights, or (4) independently developed without access to Proprietary Information.
- 1.3 "Datalogic Product" means the Datalogic Magellan™ 800i, Magellan™ 1000i series, Magellan™ 1100i series, Magellan™ 1400i series, Magellan™ 2200VS series, Magellan™ 2300HS series, Magellan™ 3200VSi series, Magellan™ 3300HSi series, Magellan™ 8100 series, Magellan™ 8200 series, Magellan™ 8300 series, Magellan™ 8400 series, Magellan™ 8500 series, Magellan™ 9500 series, Magellan™ 9800i series and/or Magellan SL™ series scanner and/or scanner/scale product, including all embedded Software in and all Documentation related to such product, which has been purchased or otherwise acquired by End User, whether obtained directly or indirectly from Datalogic.
- 1.4 "Software" means any software or computer programs of Datalogic or its third party licensors in machine readable form which is embedded in the Datalogic Product, whether obtained directly or indirectly from Datalogic, including any replacement, update, upgrade, enhancement or modification.

2. Scope Of License Granted.

- 2.1 Datalogic grants to End User a non-exclusive, non-transferable, perpetual license to use the Software, solely on the Datalogic Product in which it is embedded ("designated Datalogic Product"), in machine-readable form only, solely for End User's internal business purposes. This Agreement does not convey ownership of the Software to End User. Title to the Software shall be and remain with Datalogic or the third party from whom Datalogic has obtained a licensed right. As used in this Agreement, the term "purchase" or its equivalents when applied to the Software shall mean "acquire under license." End User is not entitled to receipt or use of the source code to any Software.
- 2.2 End User shall not copy, modify, decompile, disassemble, reverse engineer, or otherwise reproduce or remanufacture the Software, whether modified or unmodified, nor sell, assign, sublicense, distribute, lend, rent, give, or otherwise transfer the Software to any other person or organization, for purposes other than as expressly provided in this Agreement, without Datalogic's prior written consent.

3. Transfers, Support.

- 3.1 Any copying, installing, reproduction, remanufacture, reverse engineering, electronic transfer, or other use of the Software on other than the designated Datalogic Product will be a material breach of this Agreement. However, Datalogic may elect not to terminate this Agreement or the granted licenses, but instead may elect to notify End User that End User is deemed to have ordered and accepted a license for each breaching use. End User shall pay Datalogic the applicable list price for such licenses as of the date of such breach.
- 3.2 End User shall not sell, assign, sublicense, distribute, lend, rent, give, or otherwise transfer the Datalogic Product to any third party unless such third party agrees with Datalogic in writing to be bound by the terms and conditions of this Agreement. Any such transfer of the Datalogic Product absent such agreement shall be null and void.
- 3.3 End User may obtain support for Software from Datalogic at Datalogic's standard support fees and under Datalogic's standard support terms and conditions in effect at the time the support is requested.

4. Intellectual Property.

End User acknowledges that the Software constitutes valuable trade secrets of Datalogic or Datalogic's third party licensors and that the Software is protected by intellectual property laws and treaties. The license set forth in this Agreement does not transfer to End User any ownership of Datalogic's or its third party licensors' copyrights, patents, trademarks, service marks, trade secrets, or other intellectual property rights and End User shall have no right to commence any legal actions to obtain such rights. End User shall not remove, modify, or take any other action that would obscure any copyright, trademark, patent marking, or other intellectual property notices contained in or on the Datalogic Product.

5. Proprietary Information.

- 5.1 End User acknowledges that Proprietary Information is the confidential, proprietary, and trade secret property of Datalogic and Datalogic's third party licensors and End User acquires no right or interest in any Proprietary Information.
- 5.2 End User shall not disclose, provide, or otherwise make available the Proprietary Information of Datalogic or its third party licensors to any person other than End User's authorized employees or agents who are under confidentiality agreement, and End User shall not use the Proprietary Information other than in conjunction with use of the Datalogic Product exclusively for End User's internal business purposes. End User shall take steps to protect the Proprietary Information no less securely than if it were End User's own intellectual property.
- 5.3 The provisions of this Proprietary Information Section shall survive and continue for five (5) years after the termination of this Agreement.

6. Limited Warranty.

- 6.1 Datalogic warrants that, under normal use and operation, the Datalogic Product will conform substantially to the applicable Documentation for the period specified in the Documentation. During this period, for all reproducible nonconformities for which Datalogic has been given written notice, Datalogic will use commercially reasonable efforts to remedy nonconformities verified by Datalogic. End User agrees to supply Datalogic with all reasonably requested information and assistance necessary to help Datalogic in remedying such nonconformities. For all defects reported to Datalogic within the warranty period, Datalogic's liability is limited to providing End User with one copy of corrections or responding to End User's problem reports according to Datalogic's standard assistance practices. Datalogic does not warrant that the product will meet End User's requirements or that use of the product will be uninterrupted or error free, or that Datalogic's remedial efforts will correct any nonconformance. This limited warranty does not cover any product that has been subjected to damage or abuse, whether intentionally, accidentally, or by neglect, or to unauthorized repair or unauthorized installation, and shall be void if End User modifies the product, uses the product in any manner other than as established in the Documentation, or if End User breaches any of

the provisions of this Agreement.

- 6.2 EXCEPT AS PROVIDED IN THIS AGREEMENT, THE DATALOGIC PRODUCT IS PROVIDED "AS IS" AND DATALOGIC MAKES NO WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, WRITTEN OR ORAL, WITH RESPECT TO THE PRODUCT, AND SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

7. Infringement.

- 7.1 Datalogic will defend End User against any claim in a lawsuit that the Datalogic Product furnished hereunder infringe a United States patent or copyright of a third party and Datalogic will pay any damages finally awarded against End User by a court of competent jurisdiction that are attributable to such claim or will pay End User's part of any settlement that is attributable to such claim, provided, that 1) End User notifies Datalogic promptly in writing of the claim, 2) Datalogic controls the defense or settlement of the claim, and 3) End User cooperates fully with Datalogic in such defense or settlement. All notices of a claim should be sent to Datalogic Holdings, Inc., Legal Department, 959 Terry Street, Eugene, OR 97402.
- 7.2 In the defense or settlement of any such claim, Datalogic may, at its option, 1) procure for End User the right to continue using the Datalogic Product, 2) modify the Datalogic Product so that it becomes non-infringing, 3) replace the Datalogic Product with an equivalent product not subject to such claim, or 4) provide End User an opportunity to return the Datalogic Product and receive a refund of the purchase price paid, less a reasonable allowance for use.
- 7.3 Datalogic shall have no liability to End User for claims of infringement based upon 1) the use of any Datalogic Product in combination with any product which Datalogic has not either furnished or authorized for use with such Datalogic Product 2) the use of any Datalogic Product designed, manufactured, or modified to the specifications of End User, or 3) End User's modification of the Datalogic Product without written authorization from Datalogic.
- 7.4 THE FOREGOING STATES DATALOGIC'S COMPLETE AND ENTIRE OBLIGATION CONCERNING CLAIMS OF PATENT, COPYRIGHT, OR OTHER INTELLECTUAL PROPERTY INFRINGEMENT, CANCELS AND SUPERSEDES ANY PRIOR AGREEMENTS, WHETHER ORAL OR WRITTEN, BETWEEN THE PARTIES CONCERNING SUCH CLAIMS, AND WILL NOT BE MODIFIED OR AMENDED BY ANY PAST, CONTEMPORANEOUS, OR FUTURE AGREEMENTS OR DEALINGS BETWEEN THE PARTIES, WHETHER ORAL OR WRITTEN, EXCEPT AS SET FORTH IN A FUTURE WRITING SIGNED BY BOTH PARTIES.

8. Limitation Of Liability.

EXCEPT AS PROVIDED IN SECTION 7, DATALOGIC SHALL NOT BE LIABLE FOR ANY CLAIMS AGAINST END USER BY ANY OTHER PARTY. IN NO EVENT SHALL DATALOGIC'S LIABILITY FOR DAMAGES, IF ANY, WHETHER BASED UPON CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, STRICT LIABILITY, WARRANTY, OR ANY OTHER BASIS, EXCEED THE PRICE OR FEE PAID BY END USER FOR THE DATALOGIC PRODUCT. UNDER NO CIRCUMSTANCES SHALL DATALOGIC BE LIABLE TO END USER OR ANY THIRD PARTY FOR LOST PROFITS, LOST DATA, INTERRUPTION OF BUSINESS OR SERVICE, OR FOR ANY OTHER SPECIAL, CONSEQUENTIAL, CONTINGENT, INDIRECT, INCIDENTAL, PUNITIVE, EXEMPLARY, OR OTHER SIMILAR DAMAGES, EVEN IF DATALOGIC HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

9. Government Restricted Rights: International Use.

- 9.1 Use, duplication, or disclosure of the Software by the U.S. Government is subject to the restrictions for computer software developed at private expense as set forth in the U.S. Federal Acquisition Regulations at FAR 52.227-14(g), or 52.227-19 or in the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013(c)(1)(ii), whichever is applicable.
- 9.2 If End User is using the Datalogic Product outside of the United States, End User must comply with the applicable local laws of the country in which the Datalogic Product is used, with U.S. export control laws, and with the English language version of this Agreement. The provisions of the "United Nations Convention on International Sale of Goods" shall not apply to this Agreement.

10. Termination.

- 10.1 Either party may terminate this Agreement or any license granted under this Agreement at any time upon written notice if the other party breaches any provision of this Agreement.
- 10.2 Upon termination of this Agreement, End User immediately shall cease using any non-embedded software and shall return to Datalogic or destroy all non-embedded software covered by this Agreement, and shall furnish Datalogic with a certificate of compliance with this provision signed by an officer or authorized representative of End User. For embedded software, End User agrees to sign a waiver prepared by Datalogic concerning further use of the embedded Software. End User's resumed or continued use of the embedded Software after termination shall constitute End User's agreement to be bound by the terms and conditions of this Agreement for such use.

11. General Provisions.

- 11.1 **Entire Agreement; Amendment.** This document contains the entire agreement between the parties relating to the licensing of the Software and supercedes all prior or contemporaneous agreements, written or oral, between the parties concerning the licensing of the Software. This Agreement may not be changed, amended, or modified except by written document signed by Datalogic.
- 11.2 **Notice.** All notices required or authorized under this Agreement shall be given in writing, and shall be effective when received, with evidence of receipt. Notices to Datalogic shall be sent to the attention of Contract Administration, Datalogic Holdings, Inc., 959 Terry Street, Eugene, OR 97402, or such other address as may be specified by Datalogic in writing.
- 11.3 **Waiver.** A party's failure to enforce any of the terms and conditions of this Agreement shall not prevent the party's later enforcement of such terms and conditions.
- 11.4 **Governing Law; Venue.** This Agreement and the rights of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Oregon U.S.A., without regard to the rules governing conflicts of law. The state or federal courts of the State of Oregon located in either Multnomah or Lane counties shall have exclusive jurisdiction over all matters regarding this Agreement, except that Datalogic shall have the right, at its absolute discretion, to initiate proceedings in the courts of any other state, country, or territory in which End User resides, or in which any of End User's assets are located.
- 11.5 **Attorneys' Fees.** In the event an action is brought to enforce the terms and conditions of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees, both at trial and on appeal.

- END -

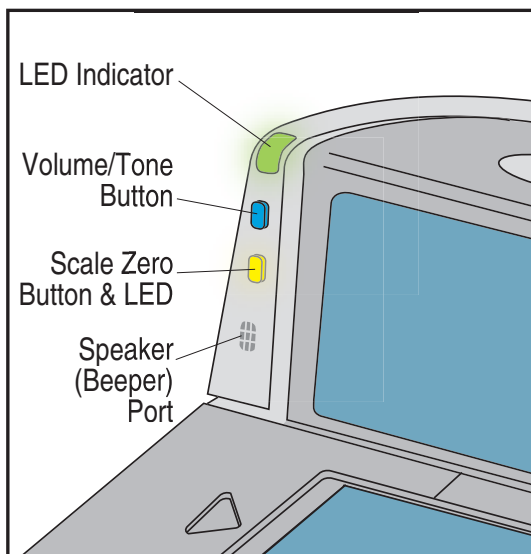
Quick Reference

The object of this manual is to provide general operational information for the user. For more product details, including installation, set-up, programming and advanced user information, reference the Product Reference Guide (PRG), which is available for viewing and download from the website listed on the back cover of this manual.

Controls and Indicators

The control panel consists of an indicator LED and two push buttons as shown in [Figure 1](#). The bottom-most button also serves as an indicator LED for scale functions (scale models ONLY). The unit also includes a speaker (beeper) which can be configured to sound indications of scanning and weighing activities. Refer to [LED and Beeper Indications](#) for more information about the functions of the push buttons and indicators.

Figure 1. Controls and Indicators



Power Supply

The scanner may require either a Listed Class 2 or Listed LPS power source which supplies power directly to the unit. It is sometimes possible for a scanner to receive power directly from the terminal (P.O.T.). See the current product data sheet for more information about P.O.T.

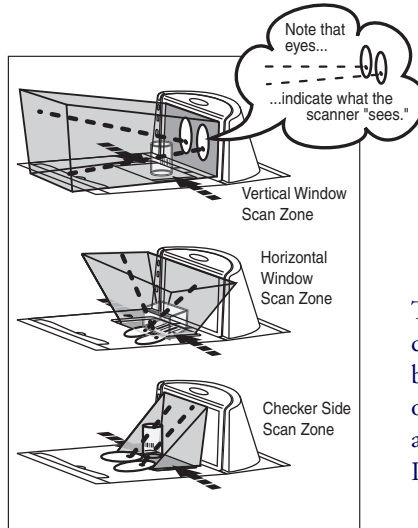
Scanning Items

Push or slide items through the 360° scan zone (shown here) in either a left-to-right or right-to-left motion. The scanner has the ability to “see” a bar code located on any side (left, right, front, back or bottom) of a product, so there’s rarely a need to reorient an item in order to scan it.

For best scanning results...

- Move items through the scan zone in their natural orientation. It’s not necessary to reorient the bar code toward either the horizontal or vertical scan window.
- Sliding or pushing items rather than picking them up will avoid the gripping, twisting and rotating movements that can cause repetitive motion injuries to hands and wrists. The strain of lifting potentially thousands of pounds per day can also be relieved using this technique.

Figure 2. Identifying the Scan Zone



This figure is only an approximate depiction of scan zone coverage based on a medium-length model of the scanner. For more details about the scan zone, refer to the Product Reference Guide (PRG).

 Atención	Características de la fuente de alimentación eléctrica.
	Entrada: 100 - 240 Vca 600mA 50/60 Hz Salida: +12 VDC 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.	

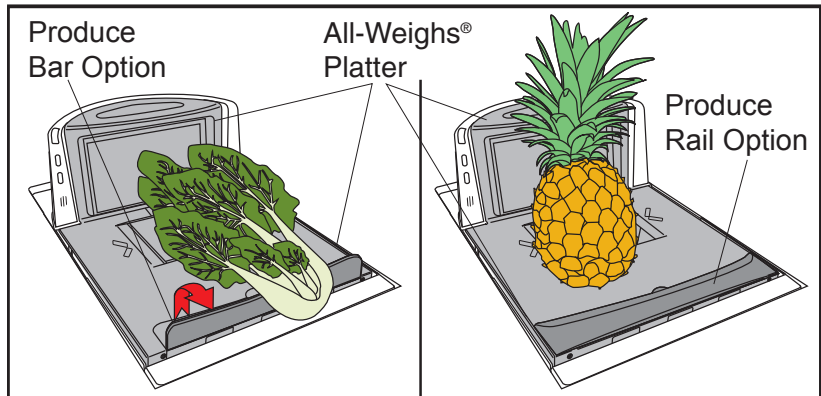
With the 360° scan pattern and advanced FirstStrike® decoding software, the Magellan® 8300/8400 can read most hard-to-read codes quickly and without excess orientation.

Weighing Items Using the All-Weighs® Platter

Items to be weighed can be placed anywhere on the L-shaped All-Weighs® platter (weigh platter) surface. Oversized items can even be accurately weighed while leaned against the center of its vertical section as shown.

The optional, raised Produce Bar or Produce Rail™ features conveniently ensure that items do not rest on the counter or other non-weighing surfaces. With weighed items in place, enter PLU (Price Look-Up) data as described in the POS instructions for your system. Weight data will be displayed on the Remote Scale Display and/or the host display.

Figure 3. Weighing Items with the All-Weighs® Platter











LED and Beeper Indications

LED Indicators

The scanner LED (top-most) indicates scanner status, and the scale button/LED (scale models ONLY) is used to show scale status. See [Table 1](#) for a listing of LED indications.

Table 1. Scanner and Scale Indications

LED INDICATION	DURATION	COMMENT
Scale at Zero ^a	Scale (Yellow) LED on steady 	The scale is at rest and reads zero weight. The scale is ready to weigh.
Scanner Active ^a (Normal Mode)	Scanner (Green) LED on steady and dim 	The scanner is ready for operation. Scanning is immediately available.
Good Read Indication ^a	Scanner (Green) LED - bright flash 	Indicates a bar code has been read and decoded.
Program Mode Indication	Scanner (Green) LED - Continuous flashing 1 second on, 1 second off 	Indicates the scanner is in Label Programming Mode. Cycle power to exit Programming Mode.
Sleep Mode Indication	Scanner (Green) LED flashes 10 mS on, 1990 mS off 	The scanner motor and/or laser have automatically switched off and the unit has entered Sleep Mode due to extended inactivity.
Host Disabled	Scanner (Green) LED 100 mS on, 900 mS off 	Host has disabled scanning.
Field Replaceable Unit (FRU) Warning (Error Mode)	Audible low error tone 1 second Green and Yellow LEDs flash alternately 	Serves notice that a fatal FRU failure has been detected. Consult the Product Reference Guide for more details. If a low tone is heard, but continuous flashing is not observed, the scanner can still function in a limited capacity. Call systems support for service in either case.
FRU Indication	Scanner (Green) LED flashes a coded sequence in concert with the speaker. 	Occurs ONLY upon Volume/Tone button push following an FRU warning indication. Enables service technicians to identify FRU failures.

a. Certain functions of the Green and Yellow LEDs are selectable to be enabled or disabled. Your scanner may not be programmed to display all indications.

Volume/Tone Push Button

The Volume/Tone Push Button also performs multiple functions depending upon the duration of time it is pressed:

Table 2. Volume/Tone Push Button Functions

PRESS DURATION	FUNCTION	COMMENT
Momentary (when scanner is in Sleep Mode)	Wakes scanner from Sleep Mode	Alternatively, the scanner can be awakened by: <ul style="list-style-type: none"> - Moving an object through the scan zone. - A weight change on the scale. - Scanning with an attached auxiliary scanner.
Momentary (when scanner is in Normal Operating Mode)	Increments volume	Press the push button momentarily to increase speaker volume. When the loudest volume is reached, a repeated press of the push button cycles volume back to the lowest setting, then volume increases on subsequent press(es). Four volume levels are available.
Hold, then release when the beeper sounds	Increments tone	Press the push button for approximately 2 seconds, then release. Each time this is done, the beeper will sound at one of three tones. Stop when the desired tone (high, medium or low) is sounded.
4 Seconds	Scanner Diagnostics Mode ^a	This mode allows system support personnel to troubleshoot problems with the scanner. Generally diagnostics are initiated after noting a Field Replaceable Unit (FRU) Warning (see Table 1). Cycle power to exit Scanner Diagnostics Mode.
8 Seconds	Resets Scanner ^b	Only system support personnel should perform a reset.

- a. By standard default, this function is normally disabled to prevent accidental activation by users.
- b. Users should not perform scanner resets except under the direction of trained systems support personnel.

Scale Zero Push Button

The Scale Zero Push Button is used for two functions as described in Table 3. This button has no function on “scanner-only” models.

Table 3. Scale Zero Push Button Functions

PRESS DURATION	FUNCTION	COMMENT
Momentary	Zero Scale	When programmed to do so, the yellow Scale LED should be lit when no weight is on the scale, indicating scale at zero. If it is not, press the switch to zero the scale. The unit will sound a “click” upon pressing the button.
Momentary (when the scale’s primary indication shows an under zero condition)	Scale power cycle	When programmed to do so, and when certain conditions are met, pressing this button will initiate a scale power cycle. When the scale zero button is pushed and the weight on the scale is close to zero, the scale will zero normally like the zero scale function above. Otherwise, the scale will go through a power cycle. If the scale is able to find zero after the power cycle, the scale will perform normally. Otherwise, the scale’s primary indication will display a non-weight indication.
4 Seconds	Scale Diagnostics Mode ^a	This mode allows system support personnel to troubleshoot problems with the scale. Cycle power to exit Scale Diagnostics Mode.

a. Diagnostics Mode is meant for use by trained systems support personnel. Users should not need to initiate this function under normal circumstances.

EAS-Enabled Systems



NOTE

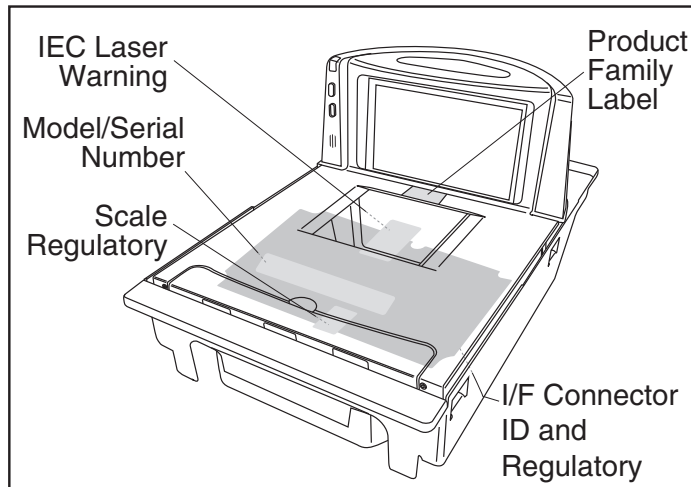
Electronic Article Surveillance (EAS) systems are aftermarket options, and are installed by either Sensormatic[®] or Checkpoint[®] technicians at your site depending upon which EAS product package is purchased to use with your scanner.

Once the system is activated, EAS security tags are automatically deactivated by passing items over the EAS antenna located beneath the scanner’s platter.

Product Labeling

The location of scanner and scanner/scale labeling is shown in [Figure 4](#).

Figure 4. Labeling



Labels are located under the platter, inside the unit and on its Bottom Cover.



NOTE

Labels are shown here to illustrate their general location only. Please view the labels on your product for actual details.

Compliance Statement

This device complies with Part 15 rules. Operation is subject to the following 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.

This Class B digital apparatus complies with Canadian ICES -003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

LASER Class

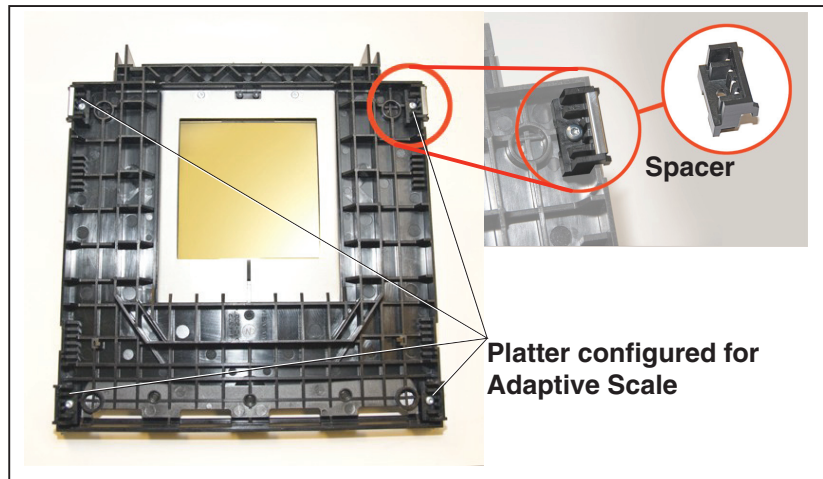
CLASS 1 LASER PRODUCT APPARECCHIO LASER CLASSE 1
LASER KLASSE 1 APPAREIL A LASER DE CLASSE 1
EN/IEC 60825-1:2007 Emitted wavelength 650nm, 3.1µW avg.

Adaptive Scale Platter Option

Some Platters have been shipped with installed spacers on their undersides at all four corners. These specially-configured Platters are provided for customers wishing to add an adaptive scale to their unit at a later date. Until such time as the adaptive scale is installed, the four spacers should be left in place to ensure that the Platter rests evenly at its correct height when positioned on the scanner.

To remove the spacers, loosen and remove the single screw for each as shown below.

Figure 5. Removing the Platter Adapter Mounts



Appendix A. Regulatory Statements

WEEE Statement



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 Elétricos 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 www.datalogic.com/。

Japanese

廃電気電子機器 (W E E E) 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。

PART	部件名称	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
		有毒有害物质或元素					
		铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
Cable	电缆	X	0	0	0	0	0
Assembly, VLDM	半导体激光组件	X	0	0	0	0	0
Flange Mount	直角支架	X	0	0	0	0	0
Shelf Mount	安装支架	X	0	0	0	0	0
Common Kit: 8300/8400	8300/8400通用组件	X	0	0	0	0	0
Assembly, Optics Mount	光学支架组件	X	0	0	0	0	0
PCB Assembly, Interface	接口电路板组件	X	0	0	0	0	0
Assembly, Remote Display	显示器组件	X	0	0	0	0	0
Power Off Terminal Assembly	终端断电组件	X	0	0	0	0	0

0: 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工业和信息化部所颁布的《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工业和信息化部所颁布的《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

EFUP determined by "Look-up Method" (scanner). 环保使用期限取决于“查表法”(扫描仪)

China RoHS Scanner/Scale

PART	部件名称	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
		铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
Cable	电缆	X	O	O	O	O	O
Assembly, VLDM	半导体激光组件	X	O	O	O	O	O
Flange Mount	直角支架	X	O	O	O	O	O
Shelf Mount	安装支架	X	O	O	O	O	O
Scale Assembly	电子称组件	X	O	O	O	O	O
Assembly, Spider	电子秤支架组件	X	O	O	O	O	O
Common Kit, 8300/8400	8300/8400通用组件	X	O	O	O	O	O
Assembly, Optics Mount	光学支架组件	X	O	O	O	O	O
PCB Assembly, Interface	接口电路板组件	X	O	O	O	O	O
Assembly, Remote Display	显示器组件	X	O	O	O	O	O
Power Off Terminal Assembly	终端断电组件	X	O	O	O	O	O

0: 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

EFUP determined by "Look-up Method" (scanner). 环保使用期限取决于“查表法”(扫描仪)

NOTES

Appendix B.— Warranty

Datalogic warrants to Customer that Datalogic's products will be free from defects in materials and workmanship for a period of 1 year from product shipment.

Datalogic ADC Limited Factory Warranty

Warranty Coverage

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.

EC DECLARATION OF CONFORMITY



Non-Automatic Weighing Instrument

This Declaration of Conformity is issued under the sole responsibility of Datalogic ADC, Inc. and hereby declares that the apparatus specified below and as referenced in the EC Type Approval Certificate has been tested and found compliant to the following European Council Directives and harmonized Standards:

Equipment Type:	Barcode Scanning and Weighing Equipment	
Class		
Apparatus	830x / 840x, 830xb/840xb	
EC Type Approval Certificate:	T7276	
Year in which "CE" marking was first affixed:	09	
Manufactured by:		
Datalogic ADC, Inc 959 Terry St. Eugene, Oregon USA Tel 01-541 -683-5700	Datalogic Slovakia, s.r.o. Prilohy 588/47, 919 26 Zavar, Slovak Republic Tel: 421 33 590 8970	Datalogic Scanning Vietnam LLC Lot 1-4b Saigon High Tech Park, Dist. 9 Ho Chi Minh City, Vietnam Tel 84-8-3730-8481
Placed into EU Service:	May 2007 under the Datalogic logo. Updated March 2013.	
Council Directives:	Non-Automatic Weighing Instruments 2009/23/EC EMC 2004/1108/EC Low Voltage 2006/95/EC RoHS 2011/65/EU (8 June 2011)	
Standards:	EN 45501:1994 EN 55022:2007 CISPR 22:2006 ANINZS CISPR22:2006 EN 55024: 1998/200112003 EN 60950-1 :2006+ All :2009 +A1:2010+ A12:2011 EN/IEC 60825-1 :2007 EN 61000-3-2:2006 EN 61000-3-3:1994+A2:2005 EN 61000-4-3:1998 EN 61000-4-6: 1998, +A1 :2001 +A2:2003 EN 50581 :2012	Specification for NA WI Generic Emissions Generic Emissions Generic Emissions Generic Immunity - ITE (Includes EN61000-4-2 (ESD) 4-4 (EFT), 4-5(surge) 4-11 (VD)) Safety of information Technology Equipment Safety of Laser Products Harmonic Current (power supply) Voltage Fluctuation/Flicker (power supply) Radiated RF Immunity (Susceptibility) Conducted RF Immunity Technical Documentation for the Assessment of EEE w .r. t. RoHS



A technical construction file for this apparatus is retained at the above USA address

Brad West

March 19, 2013
Brad West Vice President - Global Supply Chain Operations
Datalogic ADC, Inc.

The EU Declaration of Conformity is covering only the scanner/scale. The connection of this apparatus to Point of Sale (POS) system is subject to legal W&M requirements, required additional verification & tests where the system will be used. These tests can be done only by NA WI manufacturer, certified partner or notified body listed by the country.

The manufacturer of the POS and the owner of the complete scale/POS system must ensure there is a declaration of conformity for the complete system. Any modification to the system which affects metrological parameters must be covered by a new declaration of conformity and is not the responsibility of Data logic ADC, Inc.

Scanner/Scale defined with gravity zone can be used only into this predefined zone. If the seal of the system are missing or broken, the instrument does not conform and should be put out of service.



www.datalogic.com

© 2006-2013 Datalogic ADC, Inc. ■ All rights reserved. ■
Datalogic and the Datalogic logo are registered trademarks of
Datalogic S.p.A. in many countries, including the U.S.A. and the E.U.

Datalogic ADC, Inc.

959 Terry Street | Eugene | OR 97402 | USA
Telephone: (1) 541-683-5700 | Fax: (1) 541-345-7140



820032614 (Rev. J)

June/2013