



# Magellan™ 800i

On Counter Presentation  
Omnidirectional Bar Code Reader



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Quick Reference Guide



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**Patents**

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

**See the Regulatory Addendum included with your product for additional regulatory, safety and legal information.**

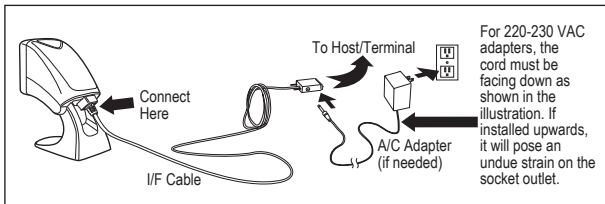
## Quick Reference

Use the Quick Reference Guide (QRG) to find easy connection, scanning and troubleshooting instructions. For more details, including programming information, reference the Product Reference Guide (PRG), which is available for download, viewing and printing from the Datalogic website listed on the back cover of this manual.

## Installation

Route the interface cable from the terminal or host. Plug the AC adapter (if one is used) into a wall outlet and the interface (I/F) cable, then route and attach the I/F cable to the scanner. Verify operation by presenting known-good bar codes to the scanner. The unit should beep<sup>1</sup> and/or flash its good read LED and send the bar code data to the host or terminal. If not, refer to [Troubleshooting on page 5](#) of this guide.

Scanner installation is complete.



1. Beeper and LED behavior is selectable and may have been disabled by a previous user.

The Magellan 800i utilizes illumix™ intelligent illumination technology to optimize light levels for a variety of bar code scanner functions including automatic reading of bar codes from printed surfaces, mobile devices and image capture in variable contrast environments.

## Mounting the Scanner (Optional)

The scanner can be permanently attached to a wall or countertop as follows:

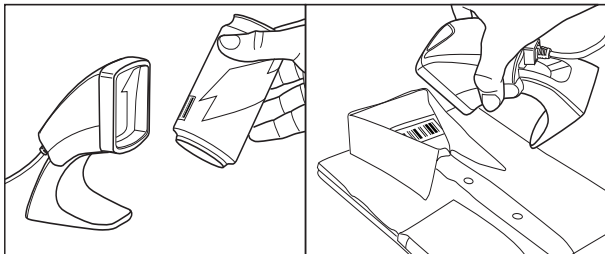
1. After identifying an optimal position for the scanner, cut out and securely hold the screw hole template (located on the inside back cover) in the desired position matching the scanner's footprint.
2. Mark the center of both screw locations using a pencil or marker and remove the template.
3. If necessary, drill pilot holes in the marked positions, then thread two pan head<sup>1</sup>, self-tapping screws in place, leaving their heads protruding approximately 1/8" (3mm) above the counter or wall surface.
4. Align the larger ends of the keyholes located on the scanner's bottom with the protruding screw heads, then push down and rotate clockwise to lock the scanner in position.

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1. The screw heads must fit inside the larger end of the keyholes on the bottom of the scanner.

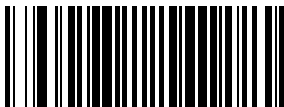
## How to Scan

Items can be presented to the scanner while it is resting on the counter, or the scanner can be lifted and aimed at the bar code.



## Cell Phone Mode

Cell phone mode is when the scanner is enabled to read barcodes on a cell phone display. To enable this feature, scan the START/END bar code, then scan the ENABLE AUTO CELL PHONE MODE bar code, then scan the START/END bar code a second time to exit Programming Mode.



START/END



DISABLE AUTO CELL PHONE MODE



ENABLE AUTO CELL PHONE MODE

## Troubleshooting

If the scanner is not operating properly, the following checks should be performed:

1. If the scanner uses an external power supply and the external power supply has failed, the scanner will not operate. Exchange the power supply with a known good power supply and retest operation.
2. Verify the interface cable is securely attached to the host. Consult your technical support personnel or refer to your host system manual to verify the proper connection for the scanner.
3. Verify that the interface cable is securely attached to the scanner.
4. Check that the bar codes are of sufficient quality to be recognized by the scanner. Wrinkled, smudged, or torn labels can cause the scanner to not read at all. Scan known-good labels of an active symbology<sup>1</sup> to check the scanner's read operation.
5. Ensure that the scanner's interface type is compatible with the host terminal by consulting your POS system manual and/or the Product Reference Guide.

If the scanner still does not function properly, contact your local supplier or Datalogic Customer Support Services.

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1. Reading of the various bar code symbologies can be independently enabled or disabled in the scanner.

## Warranty

Datalogic warrants to Customer that this product will be free from defects in materials and workmanship for a period of 3 years from product shipment.

## Datalogic Scanning Limited Factory Warranty

### Warranty Coverage

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

If Datalogic determines that a product has defects in material or workmanship, Datalogic shall, at its sole option repair or replace the product without additional charge for parts and labor, or credit or refund the defective products duly returned to Datalogic. To perform repairs, Datalogic may use new or reconditioned parts, components, subassemblies or products that have been tested as meeting applicable specifications for equivalent new material and products. Customer will allow Datalogic to scrap all parts removed from the repaired product. The warranty period shall extend from the date of shipment from Datalogic for the duration published by Datalogic for the product at the time of purchase (Warranty period). Datalogic warrants repaired hardware devices against defects in workmanship and materials on the repaired assembly for a 90 day period starting from the date of shipment of the repaired product from Datalogic or until the expiration of the original warranty period, whichever is longer. Datalogic does not guarantee, and it is



not responsible for, the maintenance of, damage to, or loss of configurations, data, and applications on the repaired units and at its sole discretion can return the units in the "factory default" configuration or with any software or firmware update available at the time of the repair (other than the firmware or software installed during the manufacture of the product). Customer accepts responsibility to maintain a back up copy of its software and data.

## Warranty Claims Process

In order to obtain service under the Factory Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the applicable Warranty period and obtain from Datalogic a return authorization number (RMA) for return of the product to a designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations. Failure to follow the applicable RMA policy, may result in a processing fee. Customer shall be responsible for return shipment expenses for products which Datalogic, at its sole discretion, determines are not defective or eligible for warranty repair.

## Warranty Exclusions

The Datalogic Factory Warranty shall not apply to:

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

- (ii) any claimed defect, failure or damage which Datalogic determines was caused by faulty operations, improper use, abuse, misuse, wear and tear, negligence, improper storage or use of parts or accessories not approved or supplied by Datalogic;
- (iii) any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;
- (iv) any claimed defect or damage caused by the failure to provide proper maintenance, including but not limited to cleaning the upper window in accordance with product manual;
- (v) any defect or damage caused by natural or man-made disaster such as but not limited to fire, water damage, floods, other natural disasters, vandalism or abusive events that would cause internal and external component damage or destruction of the whole unit, consumable items;
- (vi) any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;
- (vii) the replacement of upper window/cartridge due to scratching, stains or other degradation and/or
- (viii) any consumable or equivalent (e.g., cables, power supply, batteries, key-pads, 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

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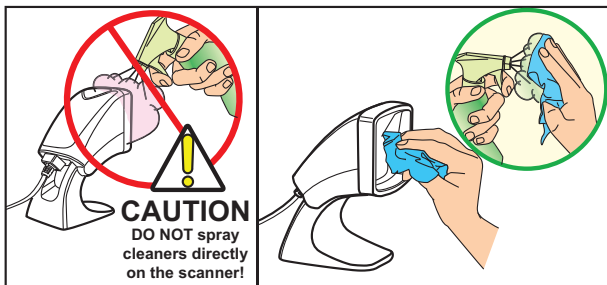
## **Risk of Loss**

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.

## Cleaning

Exterior surfaces and scan windows exposed to spills, smudges or debris accumulation require periodic cleaning to assure best performance during scanning. Use a clean, lint-free cloth or paper towel dampened with a nonabrasive, mild, water-based window cleaner to wipe away stains, smudges, fingerprints, spills, etc. from the scan window and exterior surfaces (Figure 1).

**Figure 1. Cleaning the Scanner**



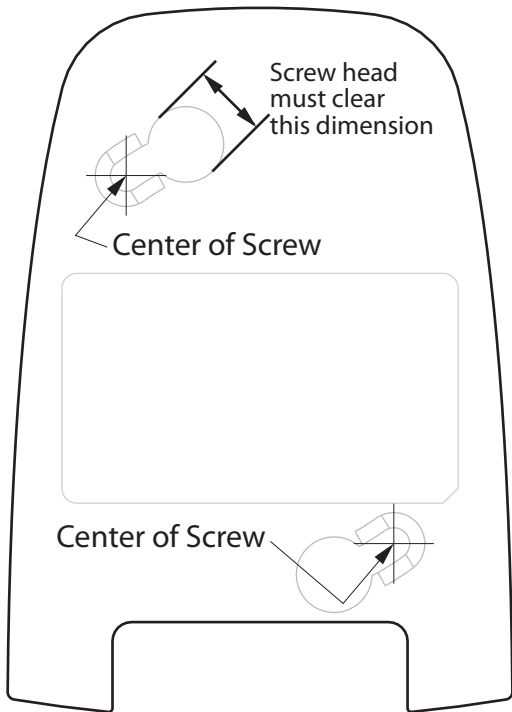
**DO NOT** use abrasive cleaning agents or abrasive pads to clean this product. Harsh chemicals, disinfectants, and cleansers can cause damage which will adversely affect scanning performance.

**CAUTION**

# NOTES

# NOTES

**Figure 2. Screw Hole Template**



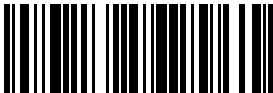


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