

## Datalogic GM4500

# Datalogic Gryphon GM4500 Wireless Barcode Scanner Kit

## USER MANUAL

### Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Datalogic Gryphon GM4500 Wireless Barcode Scanner Kit. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

### Package Contents

Verify that all items are present in your package:

- Datalogic Gryphon GM4500 Wireless Barcode Scanner (GM4500-BK-433K1)
- Wireless Charging Base (WLC4090-BK-433)
- USB Cable (90A052258)
- Lithium Ion Battery (pre-installed or separate)

### Product Overview

The Datalogic Gryphon GM4500 is a high-performance wireless barcode scanner designed for various applications. Below is an illustration of the scanner's main components.



*Image: Datalogic Gryphon GM4500 Wireless Barcode Scanner. This image shows the black handheld scanner with its scan window emitting light, and a blue trigger button on the handle. The base of the handle features a wireless charging indicator.*

### Key Components:

- **Scan Window:** Area where barcodes are read.
- **Trigger Button:** Activates the scanning beam.
- **Indicator Lights:** Provide feedback on status (e.g., battery, scan success).
- **Wireless Charging Contacts:** Located at the base of the scanner for charging with the WLC4090-BK-433 base.
- **Wireless Charging Base:** Connects to the host system via USB and charges the scanner.

### Setup

#### 1. Charge the Scanner:

- Connect the USB cable to the Wireless Charging Base (WLC4090-BK-433) and then to a

powered USB port on your computer or a USB power adapter.

- Place the Gryphon GM4500 scanner onto the charging base. Ensure the charging contacts align.
- The scanner's indicator light will show charging status. Allow sufficient time for a full charge before first use.

## 2. **Connect the Base to Host System:**

The charging base also acts as the communication interface. Once connected via USB, your operating system should automatically detect and install the necessary drivers. If not, refer to Datalogic's official website for driver downloads.

## 3. **Pairing the Scanner with the Base:**

The scanner and base are typically pre-paired. If pairing is lost or you are setting up a new scanner/base combination:

- Ensure the base is powered and connected to the host system.
- Refer to the Datalogic Gryphon GM4500 Quick Reference Guide (usually included or available online) for specific pairing barcode sequences. Scan the designated pairing barcode with the scanner.
- A successful pairing will be indicated by an audible beep and/or a specific LED pattern on both the scanner and the base.

# Operating Instructions

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## 1. **Scanning a Barcode:**

- Point the scan window of the Gryphon GM4500 at the barcode you wish to read.
- Press and hold the trigger button. A red aiming beam or illumination pattern will appear.
- Position the scanner so the aiming beam covers the entire barcode.
- Once the barcode is successfully read, the scanner will emit a short beep and/or an indicator light will flash green. The data will be transmitted to your host system.

## 2. **Reading Difficult Barcodes:**

For poorly printed, damaged, or reflective barcodes, try adjusting the distance and angle of the scanner. Sometimes, scanning from a slight angle can improve readability.

## 3. **Battery Level Indication:**

The scanner typically has an LED indicator that changes color or flashes to indicate the battery charge level. Refer to the full product manual for specific LED patterns and their meanings.

# Maintenance

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## • **Cleaning the Scanner:**

Regularly clean the scan window and the exterior of the scanner. Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaning solution. Do not use harsh chemicals or abrasive materials, as these can damage the device.

## • **Battery Care:**

To prolong battery life, avoid exposing the scanner to extreme temperatures. Charge the battery regularly and avoid completely draining it whenever possible. If the scanner will be stored for an extended period, ensure it has a partial charge (around 50%) and store it in a cool, dry place.

## • **Storage:**

When not in use, store the scanner on its charging base or in a safe location to prevent accidental drops or damage.

## Troubleshooting

Problem	Possible Cause	Solution
Scanner does not turn on or respond.	Low or depleted battery.	Place the scanner on the charging base and allow it to charge for at least 30 minutes.
Scanner does not read barcodes.	<ul style="list-style-type: none"><li>Barcode is damaged or poorly printed.</li><li>Scanner is not paired with the base.</li><li>Incorrect symbology enabled.</li><li>Scan window is dirty.</li></ul>	<ul style="list-style-type: none"><li>Try scanning a different, known-good barcode.</li><li>Re-pair the scanner with the base (refer to Setup section).</li><li>Consult the full product manual for enabling/disabling barcode symbologies.</li><li>Clean the scan window.</li></ul>
Data is not transmitted to the host system.	<ul style="list-style-type: none"><li>Base is not properly connected to the host.</li><li>Scanner is out of range or not paired.</li><li>Host system driver issue.</li></ul>	<ul style="list-style-type: none"><li>Verify USB cable connection to the base and host.</li><li>Ensure scanner is within range of the base and properly paired.</li><li>Restart the host system. Check Datalogic's website for updated drivers.</li></ul>

## Specifications

Feature	Detail
Model Number	GM4500-BK-433K1
Connectivity Technology	Wireless (433 MHz), USB Cable (for base)
Power Source	Battery Powered (1 Lithium Ion battery included)
Item Weight	8.6 ounces
Product Dimensions	5.12 x 5.12 x 7.87 inches
Manufacturer	Datalogic
First Available Date	February 5, 2019

## Warranty and Support

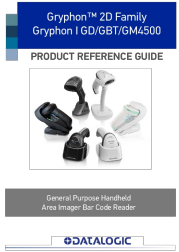




For detailed warranty information, please refer to the warranty card included with your product or visit the official Datalogic website. For technical support, driver downloads, or further assistance, please contact

Datalogic customer service directly.

**Manufacturer:** Datalogic

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

## Related Documents - GM4500

	<p><a href="#">Datalogic Gryphon™ 2D Family GD/GBT/GM4500 Product Reference Guide</a></p> <p>This Product Reference Guide provides detailed information on Datalogic's Gryphon™ 2D family of handheld area imager barcode readers, including models GD4500, GBT4500, and GM4500. It covers setup, configuration, features, and technical specifications for these advanced data collection devices.</p>
	<p><a href="#">Datalogic Gryphon GM4102 Cordless Linear Imaging Scanner - Specifications and Features</a></p> <p>Comprehensive details on the Datalogic Gryphon GM4102 cordless linear imaging barcode scanner, covering its productivity features, technical specifications, industry applications, and accessories. Ideal for retail, light industrial, and warehouse environments.</p>
	<p><a href="#">Datalogic Custom Prefix and Suffix Instructions for Barcode Scanners</a></p> <p>Instructions for programming custom prefixes and suffixes for Datalogic barcode scanners, including Gryphon, PowerScan, and QuickScan models. Details ASCII character mapping and HEX value codes.</p>
	<p><a href="#">Datalogic Beeper Volume Programming Guide</a></p> <p>Scan sheet for Datalogic scanners to control beeper volume (Off, Low, Medium, High) and disable the beeper. Compatible with Gryphon, Quickscan, and Powerscan models.</p>
	<p><a href="#">Datalogic Gryphon I GD4500 Product Reference Guide</a></p> <p>Comprehensive guide to the Datalogic Gryphon I GD4500 handheld area imager barcode reader, covering setup, configuration, features, and technical specifications.</p>

<div><div>Technical Support</div><div>DATALOGIC</div></div> <div><div>Page 1 of 1</div><div>Page 1</div></div>	<div><a href="#">Datalogic Scan Mode Options: Programming Guide</a></div> <div>Learn about Datalogic scan mode options for Gryphon, Quickscan, PowerScan, and Touch series scanners. Includes default, always on, and stand modes with programming codes.</div>
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