

alacrity 5582673784

Alacrity 1D CCD Bluetooth Barcode Scanner User Manual

Model: 5582673784

INTRODUCTION

The Alacrity 1D CCD Bluetooth Barcode Scanner is a versatile and portable device designed for efficient barcode scanning. It offers multiple connectivity options, including Bluetooth, 2.4G wireless, and USB wired modes, ensuring broad compatibility with various operating systems and devices such as Windows, Mac OS, iOS, and Android. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your barcode scanner.

PRODUCT OVERVIEW

Key Features

- **3-in-1 Connectivity:** Supports Bluetooth, 2.4G Wireless, and USB 2.0 Wired connections for flexible use.
- **Super Decoding Ability:** Capable of scanning common 1D barcodes from printed materials and screens, including blurring or incomplete codes. Supported 1D codes include UPC/EAN, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar, Industry25, Matrix25.
- **Long Standby Time:** Equipped with a 1000 mAh built-in battery, offering approximately 30 days of standby time or 3-5 days of frequent use on a full charge.
- **Multiple Configuration Options:** Customizable settings such as automatic sensing, hiding barcode characters, adding prefixes or suffixes, and volume adjustment.

Components

Familiarize yourself with the main components of your Alacrity barcode scanner:



Image: Product analysis diagram highlighting the scan window, indicator light, switch key, scanning switch, hand strap, and battery.

- **Scan Window:** Area where barcodes are read.
- **Indicator Light:** Provides status feedback (e.g., power, connection, charging).
- **Switch Key:** Used to power on/off the device (press for 3 seconds to turn off).
- **Scanning Switch:** Trigger button to initiate a scan.
- **Hand Strap:** For secure handling and portability.
- **Battery:** Rechargeable power source.

SETUP

Package Contents

Before starting, ensure all items are present in the package:



Image: Product packaging contents including the scanner, USB cable, hand strap, user manual, and Bluetooth receiver.

- Alacrity Barcode Scanner
- Micro USB Cable
- 2.4G Wireless USB Receiver (Dongle)
- Hand Strap
- User Manual (this document)
- Battery (pre-installed or separate)

Initial Charging

It is recommended to fully charge the scanner before first use. Connect the scanner to a USB power source (e.g., computer USB port, USB wall adapter) using the provided Micro USB cable. The indicator light will show charging status.

OPERATING MODES

The Alacrity barcode scanner supports three primary operating modes:



Image: Wired and wireless connection modes. Wired via USB to PC. Wireless via 2.4G receiver to PC or Bluetooth to mobile devices.

1. USB Wired Mode

1. Connect the scanner to your computer using the provided USB cable.
2. The scanner will be recognized as a standard input device (keyboard emulation).
3. No additional drivers are typically required.

2. 2.4G Wireless Mode

1. Insert the 2.4G wireless USB receiver into an available USB port on your computer.
2. Turn on the barcode scanner. It should automatically pair with the receiver.
3. The wireless transmission distance is approximately 150m (492ft) in open space and 30m (98ft) indoors.

3. Bluetooth Mode

1. Turn on the barcode scanner.
2. Enable Bluetooth on your host device (smartphone, tablet, laptop).
3. Search for available Bluetooth devices and select the Alacrity scanner (device name may vary, refer to the manual for specific pairing instructions if needed).
4. Once paired, the scanner will function as a Bluetooth keyboard.
5. The Bluetooth transmission distance is approximately 50m (164ft) in open space and 15m (49ft) indoors.

Scanning Barcodes

To scan a barcode:

1. Ensure the scanner is powered on and connected to your device in the desired mode.
2. Point the scan window at the barcode.
3. Press the scanning switch. A successful scan is usually indicated by a beep or vibration.
4. The scanned data will appear in the active text field on your connected device.



Image: The barcode scanner actively scanning a barcode from a smartphone screen, demonstrating its screen scanning capability.

The scanner can capture barcodes from both printed labels and digital screens.

CHARGING AND BATTERY

The Alacrity barcode scanner is equipped with a 1000 mAh Lithium Ion battery. To charge the device, connect it to a USB power source using the provided Micro USB cable. The indicator lights will show the charging status. A full charge can provide over a month of standby time or 72 hours of continuous use, typically 3-5 days in frequent use.



Image: Illustration of the scanner's built-in 1000 mAh battery, emphasizing its long standby and continuous usage times.

CONFIGURATION OPTIONS

The scanner offers various customizable settings to suit different operational needs. These configurations are typically set by scanning specific barcodes found in the comprehensive user manual that accompanies the product. Available options include:

- **Automatic Sensing:** Configure the scanner to automatically detect and scan barcodes without pressing the trigger.
- **Hiding Barcode Characters:** Adjust settings to hide certain characters from the scanned output.
- **Adding Prefix or Suffix:** Append custom characters before or after the scanned barcode data.
- **Volume Adjustment:** Control the sound level of the scanner's feedback (e.g., beep on successful scan).

Refer to the physical user manual for the specific configuration barcodes and detailed instructions on how to apply these settings.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your barcode scanner.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the scanner's exterior, especially the scan window. Avoid abrasive cleaners or solvents.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to about 50% and recharge every few months.
- **Physical Protection:** While the scanner is designed to be durable, avoid dropping it or subjecting it to strong impacts.

TROUBLESHOOTING

If you encounter issues with your Alacrity barcode scanner, refer to the following common problems and solutions:

- **Scanner not powering on:**
 - Ensure the battery is charged. Connect the scanner to a power source and allow it to charge for at least 30 minutes.
 - Press and hold the switch key for a few seconds to ensure it's properly activated.
- **Scanner not connecting to device:**
 - **USB Wired:** Ensure the USB cable is securely connected to both the scanner and the computer. Try a different USB port.
 - **2.4G Wireless:** Ensure the USB receiver is properly inserted into the computer. Verify the scanner is in 2.4G mode (if applicable, check manual for mode switching).
 - **Bluetooth:** Ensure Bluetooth is enabled on your host device and the scanner is in pairing mode. Remove any previous pairings and attempt to re-pair.
- **Scanner not reading barcodes:**
 - Ensure the barcode is clear, undamaged, and not excessively reflective.
 - Adjust the distance and angle between the scanner and the barcode.
 - Check if the barcode type is supported by the scanner (refer to specifications).
 - Clean the scan window if it appears dirty or smudged.
- **Scanned data is incorrect or incomplete:**
 - Ensure the cursor is in the correct text field on your host device.
 - Check scanner configuration settings (e.g., prefix/suffix, character hiding) using the physical manual.
- **Scanner powers off when bumped (potential loose battery):**
 - Carefully open the battery compartment (if accessible) and ensure the battery is securely seated. If the issue persists, contact support.

- **Android keyboard becomes unusable after Bluetooth connection:**
 - This can occur as the scanner acts as a keyboard. Disconnect the scanner via Bluetooth settings on your Android device when you need to use the on-screen keyboard.

SPECIFICATIONS

Feature	Detail
Brand	Alacrity
Model Number	5582673784
Connectivity Technology	Bluetooth, 2.4G Wireless, USB Wired
Scan Rate	500 fps
Compatible Devices	Desktop, Laptop, Smartphone, Tablet
Operating Systems	Windows, Mac OS, iOS, Android
Power Source	Battery Powered, Corded Electric
Battery Type	Lithium Ion
Battery Capacity	1000 mAh
Wireless Range (2.4G)	150m (492ft) open space, 30m (98ft) indoor
Bluetooth Range	50m (164ft) open space, 15m (49ft) indoor
Supported 1D Barcodes	UPC/EAN, Code39, Interleaved 2 of 5, Code93, Code 128, Codabar, Industry25, Matrix25 etc.
Item Dimensions (L x W x H)	9.8 x 4.5 x 2 cm (3.8 x 1.8 x 0.8 inches)
Item Weight	181 g



Image: Product size diagram indicating the scanner's length, width, and thickness.

WARRANTY AND SUPPORT

Alacrity Technology, established in 2009, is a professional manufacturer specializing in barcode scanners. For warranty information, technical support, or any inquiries regarding your Alacrity 1D CCD Bluetooth Barcode Scanner, please contact the manufacturer directly through their official channels. Details for contacting support are typically provided in the product packaging or on the manufacturer's website.

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