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HDWR HD5800

HDWR HD5800 Wireless 1D/2D QR Barcode Scanner User Manual

Model: HD5800 | Brand: HDWR

1. INTRODUCTION

Thank you for choosing the HDWR HD5800 Wireless 1D/2D QR Barcode Scanner. This device is designed for efficient and versatile barcode scanning, capable of reading both 1D and 2D codes from various surfaces, including paper labels and digital screens. Its wireless 2.4G communication and integrated docking station provide flexibility and convenience for various business environments.



Figure 1: HDWR HD5800 scanner in its docking station.

2. PACKAGE CONTENTS

Please check the package for the following items:

- HDWR HD5800 Barcode Scanner
- Docking Station
- USB Cable
- User Manual (this document)

3. SETUP GUIDE

1. **Connect the Docking Station:** Plug the USB cable into the docking station and connect the other end to an available USB port on your computer. The computer should automatically detect the device and install necessary drivers.
2. **Charge the Scanner:** Place the HD5800 scanner into the docking station. Ensure it is seated correctly. The scanner will begin charging. A full charge typically takes approximately 4 hours.
3. **Power On:** The scanner usually powers on automatically when removed from the docking station or when the trigger is pressed after charging.
4. **Pairing (Initial Setup):** For first-time use, the scanner and docking station are typically pre-paired. If pairing is required, scan the pairing barcode provided in the quick start guide (not included in this manual, refer to physical documentation).



Figure 2: Connecting the docking station via USB cable.

4. OPERATING INSTRUCTIONS

4.1 Basic Scanning

1. Hold the scanner with the scanning window facing the barcode.
2. Press and hold the trigger button. A red aiming beam will appear.
3. Center the aiming beam over the barcode.
4. Once the barcode is successfully read, the scanner will emit a beep and the indicator light will flash. The data will be transmitted to your connected device.



Figure 3: Scanning a barcode with the HD5800.

4.2 Scanning from Phone Screens

The HD5800 is capable of scanning barcodes directly from digital displays, such as phone screens. Ensure the screen brightness is adequate and avoid glare for optimal performance.

4.3 Using the Docking Station for Automatic Scanning

When the scanner is placed in the docking station, it can be configured for automatic scanning. This allows for hands-free operation, where the scanner will automatically detect and read barcodes presented within its field of view without needing to press the trigger.

4.4 Memory Mode

The device features an integrated memory mode, allowing it to store up to 100,000 scanned codes. This is useful when operating out of range of the docking station or computer. To transfer stored data, reconnect the scanner to the docking station or computer and follow the data transfer instructions in the programming guide.

4.5 Advanced Programming (Prefix and Suffix)

The HD5800 offers advanced programming options. You can define custom characters to be added before

(prefix) or after (suffix) the scanned barcode data. This functionality also allows for the assignment of function keys. Refer to the detailed programming guide for specific barcode configurations to customize these settings.

OPTIONS DE PROGRAMMATION

Un grand avantage de l'équipement est ses **options de programmation avancées** permettant de définir n'importe quel caractère avant ou après le code-barres, ainsi que de définir les touches fonctionnelles comme **préfixe ou suffixe**.



Figure 4: Programming options for the HD5800.

5. KEY FEATURES OVERVIEW

- **Memory Mode:** Integrated memory allows storage of up to 100,000 scanned codes for later transfer to a computer.
- **Advanced Programming:** Offers extensive customization for adding prefixes or suffixes to barcode data and defining function keys.
- **2.4G Radio Communication:** Enables wireless operation with a range of up to 100 meters in open spaces, providing freedom of movement.
- **Docking Station:** The included stand provides stable support for the scanner, facilitates automatic scanning, and serves as a charging station.
- **Versatile Code Reading:** Capable of reading both 1D and 2D barcodes (e.g., QR codes) from paper labels and phone screens.

LES AVANTAGES DU HD5800



Avec le récepteur USB, il est possible d'effectuer des opérations sans fil jusqu'à une portée de 100 mètres.



La batterie puissante de 2000 mAh vous permet d'utiliser l'appareil pendant plusieurs jours et le temps de charge n'est que de 4 heures.



L'appareil est équipé d'une mémoire intégrée, permettant de stocker jusqu'à 100 000 codes lus pour une transmission ultérieure vers un ordinateur.



Figure 5: Advantages of the HDWR HD5800.

6. MAINTENANCE

6.1 Cleaning

To maintain optimal performance, regularly clean the scanning window and the exterior of the scanner. Use a soft, dry, lint-free cloth. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials.

6.2 Battery Care

The scanner is powered by an integrated Lithium-ion battery. To prolong battery life, avoid fully discharging the battery frequently. Store the scanner in a cool, dry place when not in use for extended periods. The maximum storage temperature is 70 degrees Celsius.

7. TROUBLESHOOTING

- **Scanner not connecting:** Ensure the docking station is properly connected to the computer via USB. Check if the scanner is charged. Re-scan the pairing barcode if connection issues persist.
- **Scanner not reading barcodes:** Ensure the barcode is clean and not damaged. Adjust the distance and angle of the scanner to the barcode. Check if the barcode type is supported by the scanner. Increase screen brightness if scanning from a digital display.
- **Battery not charging:** Verify the USB cable and docking station connection. Ensure the scanner is correctly seated in the docking station. Try a different USB port on your computer.

- **Data transfer issues from memory mode:** Ensure the scanner is within range or connected to the docking station. Follow the specific instructions in the programming guide for initiating data transfer.

8. SPECIFICATIONS

Feature	Specification
Brand	HDWR
Model	HD5800
Connectivity Technology	2.4G Wireless, USB (for docking station)
Compatible Devices	Desktop Computer
Battery Type	1 Lithium-ion (included)
Operating Voltage	5 Volts
Max Storage Temperature	70 Degrees Celsius
Manufacturer Warranty	2 years

9. PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: Overview of the HDWR HD5800 barcode scanner and its docking station, showcasing its design and functionality.

10. WARRANTY AND SUPPORT

The HDWR HD5800 barcode scanner comes with a 2-year manufacturer's warranty. For technical support, warranty claims, or further assistance, please contact HDWR customer service through their official website or the retailer where the product was purchased. Please have your product model and purchase date available when contacting support.

