



**HR33 Marlin
Bluetooth
Handheld Scanners**

Features

Easily replaceable battery

The HR33 Marlin Bluetooth provides more than 12 hours of continuous use on a single charge. If the battery runs out, the compartment features a latch-release opening design to replace it easily without interrupting your tasks. Additionally, the low battery indicator comes in two different colors, providing a quick visual cue for when the battery needs to be changed. The new magnetic contact on the stand allows for easy connection and high reliability.

High Connectivity

The HR33 Marlin Bluetooth scanner features 5.0 Bluetooth connectivity and can scan items within a 100m range in open space. Whether you use the communication and charging stand directly with a device's Bluetooth or via a dongle, the HR33 Marlin BT provides a reliable wireless connection.

High Performance

The HR33 Marlin Corded has a laser aimer for accurate barcode scanning and a megapixel sensor to capture various types of barcodes, even if they are damaged or distorted. This makes it ideal for high-density workloads.

Personalized Configuration

The HR33 Marlin is the first Bluetooth handheld in the portfolio to include advanced Scripting for programming intricate commands. Easyset is still available to those familiar with the program, but adding Scripting allows even finer detail, making the HR33 Marlin series the best in class.

Be confident with Newland

The confidence in the new HR33 BT Marlin's IP52 and 1.5m drop specification means becoming the first to receive a 5-year warranty from Newland EMEA. Select the HR33 BT Marlin with confidence that Newland has created a scanner that's up for the job no matter the environment.

Scan & send or collect & send

The HR33 BT Marlin has configurable modes that allow the user to select a real-time scan and send via a wireless connection or a choice of two types of offline storage and batch sending of the data. The scanner's memory allows for thousands of codes to be stored if needed.



Suggested industries



Retail



Warehousing



Finance



Healthcare



Postal

HR33 Marlin Bluetooth Technical specifications

Data Capture

| | |
|-----------------------------------|--|
| 1D | Code 11, Code 128, Code39, GS1-128(UCC/ENA-128), AIM 128, ISBT 128,Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, ITF14, Standard 2 of 5,China Post 25, MSI-Plessey, Plessey, GS1Databar(RSS), Code 49, Code 16K. |
| 2D | PDF417,QR Code, Micro QR, Data Matrix, Aztec, Maxi Code, Chinese Sensible Code, GM Code, Micro PDF417, Code One |
| OCR | Passport OCR, Chinese ID Card, China Travel Permit OCR |
| Image Sensor | 1280x800 CMOS |
| Aiming | laser |
| Illumination | White LED |
| Resolution | ≥3mil |
| Depth of Field EAN 13 (13mil) | 40mm-535mm |
| Depth of Field Code 39 (5mil) | 50mm-230mm |
| Depth of Field PDF417 (6.7mil) | 45mm-215mm |
| Depth of Field DataMatrix (10mil) | 30mm-245mm |
| Field of View | Horizontal 48° - Vertical 30° |
| Scan Angle | Roll 360° - Pitch ±60° - Skew ±65° |
| Minimal Print Contrast | 15% |

Performance

| | |
|--------------|--------------------------------------|
| Memory Flash | ≥16,384code entries (above 60 bytes) |
|--------------|--------------------------------------|

Physical

| | |
|-----------------------|---|
| Battery Type | 2600mAh lithium-ion battery |
| Dimensions (mm) | Scanner: 117,5x87,5x144mm |
| Dimensions (mm) | Cradle: 140x90x144,5mm |
| Expected Battery Life | ≥15 hours of continuous operation (scan once per 6 seconds) |
| Expected Charge Time | ≤6 hours (with power adapter) |
| Input Voltage | 5V DC±5% |
| Interfaces | USB (Type A), support USB-KBW, USB-CDC, HID-POS |
| Notifications | Beep, LED, vibration |
| Weight | Cradle 340,5g - Scanner: 210g |

Wireless

| | |
|--------------------------|--|
| Radio Technology | Bluetooth 5.0 |
| Wireless Distance (max.) | ≥100m (in open space) |
| Communication Modes | Synchronous, asynchronous and batch mode |

Environmental

| | |
|-----------------------|-------------------------------|
| Operating Temperature | -10°C to 50°C (14°F to 122°F) |
| Storage Temperature | -40 to 70°C (-40°F to 158°F) |
| Charge Temperature | 0°C to 45°C (32°F to 113°F) |

Newland EMEA HQ

+31 (0) 345 87 00 33

info@newland-id.com

newland-id.com

Feel free to contact us or a partner near you

visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved

HR33 Marlin Bluetooth Technical specifications

| | |
|--------------------------------|---|
| Humidity | 5%~95% (non-condensing) |
| Electro Static Discharge (ESD) | ±8 KV (contact discharge); ±15 KV (air discharge) |
| Drop | Scanner: 1.5m drops to concrete (cradle: 1,2m) |
| IP Rating | IP52 |

Accessories

| | |
|----------|-----------------|
| Standard | Charging cradle |
|----------|-----------------|

Certifications

| | |
|----------|--|
| Hardware | CE Red, FCC ID, RoHS 2.0, IEC62471, IEC60825 |
|----------|--|

Newland EMEA HQ

+31 (0) 345 87 00 33

info@newland-id.com

newland-id.com

Feel free to contact us or a partner near you

visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved