Upgrade **Your Asset** and **People Management**





Powered by Nordic's nRF54L10 SoC, MBT02 helps teams find equipment faster with audible and visual alerts, identify unexpected device removal, and review asset movements through locally stored relay data and App export. Its open protocol supports flexible integration with custom applications. MWC01 supports personnel location visibility and attendance workflows to simplify on-site personnel management. Button-triggered SOS helps staff request assistance, with vibration feedback confirming activation. IP67 protection and magnetic charging support convenient daily use across industrial, office and healthcare environments.

MBT02-02 Highlights

100 Beacon Relay Capacity

Extend BLE coverage and reduce gateway deployment.

7,000 Historical Records

Support asset movement traceability.

Adjustable Sound & Light Alerts

Help staff find assets faster on site.

Periodic & Motion-Triggered Scanning

Balance power consumption and location responsiveness.

Tamper Detection

Improve security for valuable assets.

Open Protocol & Flexible Configuration

Adapt to different asset management systems.

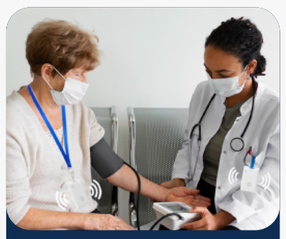
Seamless Solutions for Diverse Scenarios



Industrial Workspaces



Office Environments



Healthcare Facilities



Warehouse Asset Tracking

Features

MBT02-02 Asset Bluetooth Repeater



- Bluetooth 6.0
- BLE Beacon Relaying & Scanning
- Flexible Scanning Modes
- Audible & Visual Finding Alerts
- Tamper Detection
- Replaceable Battery

MWC01 Badge Bluetooth Repeater

- High positioning accuracy
- Vibration feedback
- Smart magnetic charging
- IP67 dust & water resistance
- Multiple RFID frequencies

Specifications

Model	MBT02-02	MWC01
Dimensions	56 × 34.5 × 7.2 mm	86 × 55 × 6 mm
Weight	17 g	19 g, including battery
Communication Protocol	Bluetooth® LE 6.0	Bluetooth® LE 5.0
Broadcast Range	Up to 220 m in open areas	Up to 110 m in open areas
TX Power	Max. +8 dBm, configurable	Max. +4 dBm, configurable
Alert Feedback	Buzzer + red LED (adjustable buzzer volume)	Vibration + RGB LED
Protection Rating	/	IP67
Operating Temperature	−20 °C to +60 °C	
Power Supply	Replaceable 500 mAh coin-cell battery	Rechargeable 290 mAh battery; magnetic charging
Battery Life	3 years under default settings	Up to 16 days per charge*
Power On / Off	On: hold the button for 3 seconds; off: via App	
Configuration	Open protocol; custom App configuration	MRepeater App
OTA Updates	Supported	
Mounting / Wearing	Adhesive tape	Worn as a badge

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