# MWD-HBK UHF, Dual ch wireless mic kit w/beltpack



- Cardioid dynamic vocal microphone
- 150 selectable frequency per channel
- Type C charging for handheld microphone
- Flexibility to use 1.5V AA or rechargeable 1.2V Ni-MH AA batteries
- IR pairing and single tap mute

The MWD Microphone series introduces a new standard in the entry-level wireless microphone market, delivering reliable performance and adaptability across diverse environments. Available in flexible single-channel and dual-channel configurations, the series provides a scalable audio solution tailored to meet the demands of modern venues.

## System overview

### Acoustic performance

Engineered specifically for vocal intelligibility, the MWD Microphone series feature a full-range frequency response with a precisely tailored mid-range boost. This acoustic profile ensures crisp, clear speech reproduction, making it an ideal choice for spoken word and presentation applications.

### Power and versatility

Designed for operational efficiency, the microphones are equipped with integrated USB Type-C charging ports. This modern power management series offers users the flexibility to operate the devices with either standard alkaline or rechargeable AA batteries, which reduces downtime considerable.

### Target applications

Designed for versatile, everyday use, the MWD series is perfectly suited for:

- Educational institutions: Lecture halls, classrooms, and assembly areas.
- Houses of worship: Sanctuaries, prayer halls, and community centers.
- Corporate and live events: Conferences, seminars, and multipurpose event spaces.

## Installation/configuration notes

This is a professional product that should be installed, used and maintained by trained professionals only.

## Parts included

| Quantity | Component |
|---|---|
| 1 | MWD-HBK UHF, Dual ch wireless mic kit w/beltpack |
| 1 | MWD-HTX01 UHF, Wireless handheld mic |
| 1 | MWD-BTX02 UHF, Wireless beltpack mic |
| 1 | MWD-RX02 UHF, Dual channel receiver |
| 1 | Power adapter |
| 1 | Charging cable type C |
| 1 | Phone jack cable |

## Technical specifications

### MWD-RX02 UHF, Dual channel receiver

| | |
|---|---|
| Carrier frequency band | UHF 560 MHz - 610 MHz |
| Frequency bandwidth | 50 MHz |
| Dynamic range | 96 dB |
| Total harmonic distortion (THD) | < 0.3 % |

| | |
|---|---|
| Frequency response (± 2 dB) | 30 Hz - 20,000 Hz |
| Signal-to-noise ratio | 90 dB |
| Receiver sensitivity | -95 dBm |
| Power supply | DC 12 V 1 A |
| Audio output | 1x 6.3 mm jack output; 2x XLR balanced output |

### MWD-HTX01 UHF, Wireless handheld mic / MWD-BTX02 UHF, Wireless beltpack mic

| | |
|---|---|
| Carrier frequency band | UHF 560 MHz - 610 MHz |
| Frequency bandwidth | 50 MHz |
| Modulation mode | DQPSK Digital modulation |
| Frequency synchronization | Infrared pairing |
| Transmit power | 30 mW |
| Spurious emission | < -50 dBc |
| Battery type recommended | 1.2 V NI-MH rechargeable batteries or 1.5 VAA standard batteries |

## Ordering information

**MWD-HBK UHF, Dual ch wireless mic kit w/beltpack**
Public address kit with dual channel receiver, wireless microphone and wireless beltpack microphone.
Order number **MWD-HBK | Z.01X.011.843**

## Accessories

**MWD-HTX01 UHF, Wireless handheld mic**
Wireless handheld microphone for public address kits.
Order number **MWD-HTX01 | Z.01X.011.839**

**MWD-BTX02 UHF, Wireless beltpack mic**
Wireless beltpack microphone for public address kits.
Order number **MWD-BTX02 | Z.01X.011.844**

**MWD-RX02 UHF, Dual channel receiver**
Dual channel receiver for public address kits.
Order number **MWD-RX02 | Z.01X.011.842**

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