MWD-HK UHF, Single channel wireless mic kit



- 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-HK UHF, Single channel wireless mic kit
1	MWD-HTX01 UHF, Wireless handheld mic
1	MWD-RX01 UHF, Single channel receiver
1	Power adapter
1	Charging cable type C
1	Phone jack cable

Technical specifications

MWD-RX01 UHF, Single 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 14 V 400 mA
Audio output	1x 6.3 mm jack output; 1x XLR balanced output

MWD-HTX01 UHF, Wireless handheld 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-HK UHF, Single channel wireless mic kit
Public address kit with single channel receiver and wireless microphone.
Order number **MWD-HK | Z.01X.011.838**

Accessories

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

MWD-RX01 UHF, Single channel receiver
Single channel receiver for public address kits.
Order number **MWD-RX01 | Z.01X.011.840**

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