

DUAL-CHANNEL UHF WIRELESS MICROPHONE

MC-WM-2005DD



Professional Product Overview

The MC-WM-2005DD is a dual-channel UHF desktop gooseneck wireless microphone system for professional conference and presentation environments. It provides long-range operation, digital ID protection, encryption and feedback suppression.

Dual CH

Desktop gooseneck

499-900MHz

UHF receiver range

Up to 200

Selectable frequencies

100m

Operating range

Dual-channel UHF desktop microphone system for conference and presentation applications



Description & Key Features

The MC-WM-2005DD Series is a high-performance dual-channel UHF wireless microphone system designed to deliver clear audio in professional environments across large stages, auditoriums and meeting rooms.

Operating on the UHF 499-900MHz band, it provides stable interference-free signal performance, up to 100-metre range, selectable channels, digital ID technology and built-in feedback suppression.

01 Stable UHF signal

UHF operation is less prone to interference than VHF microphones.

03 Auto pairing

Auto-pairing technology simplifies deployment and matching.

05 Long operating range

Wireless range up to 100 metres for flexible placement.

07 Digital encryption

Encryption helps prevent off-site surveillance or eavesdropping.

09 Desktop microphones

Dual gooseneck microphones suit conference desks and lecterns.

11 Cardioid pickup

Cardioid pattern supports voice isolation and background rejection.

02 Up to 200 frequencies

Several microphone sets can be used simultaneously with reduced interference.

04 LCD display

High-end liquid crystal display for real-time monitoring.

06 Digital ID technology

Digital identification helps avoid unwanted interference.

08 Feedback suppression

Built-in feedback suppressor with one-key howling elimination.

10 Professional receiver

Rack-style receiver with independent channel displays and controls.

12 Conference deployment

Designed for meetings, seminars, council rooms and presentation spaces.



Technical Specifications

System Specifications

Parameter	Specification
Model	MC-WM-2005DD
Description	Dual-channel UHF desktop microphone system
Receiver Oscillation Mode	PLL frequency synthesis
Frequency Range	UHF 499MHz - 900MHz
Modulation Mode	FM
Frequency Stability	+/-0.001%
Receiver Sensitivity	1.2uV @ S/N=12dB
Power Supply	DC 12V
Audio Output	Independent 0-2V / Hybrid 0-2V

Audio Inputs & Outputs

Parameter	Specification
SNR	>60dB
Distortion	<0.5% @ 1kHz
Microphone Response	60Hz - 17kHz; sensitivity -42 +/- 2dB @ 1kHz

Control, Event & Physical Data

Control & System Features

Parameter	Specification
Transmitter Data	DC 3V (1.5V AA x 2), 110mA consumption
Microphone Characteristics	Dynamic capsule, cardioid polarity, >=100dB dynamic range

Environment & Physical

Parameter	Specification
Operating Range	Up to 100m
Receiver Format	Rack-mount receiver with dual desktop gooseneck microphones
Carrier Frequency	UHF 499MHz - 937MHz
Max Frequency Offset	+/-70kHz
Application	Conference, education and presentation systems

