

DUAL-CHANNEL UHF WIRELESS MICROPHONE

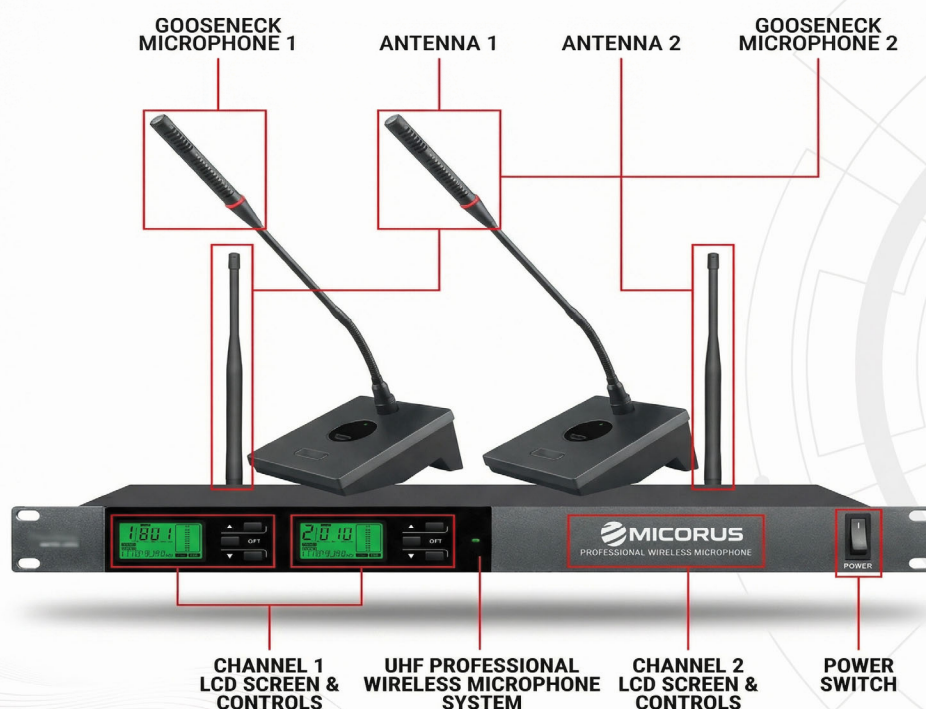
MC-WM-2005DD





DUAL-CHANNEL UHF WIRELESS MICROPHONE MC-WM-2005DD DESCRIPTION

The MC-WM-2005DD Series is a high -performance Dual-Channel UHF Wireless Microphone System designed to deliver crystal-clear audio in professional environments. Operating on the advanced UHF 499MHz-900MHz band, it provides a significantly more stable and interference-free signal compared to traditional VHF systems. The system features a remarkable 100-meter operating range, offering presenters and performers complete freedom of movement across large stages or auditoriums. For maximum security and privacy, it incorporates Unique Digital Encryption and Digital ID technology to prevent unauthorized eavesdropping or signal cross-talk. To ensure a seamless audio experience, the built-in feedback suppressor instantly eliminates annoying howling at the touch of a single button. The receiver is equipped with a high-end LCD display for real-time monitoring of frequency and signal strength across its 200 selectable channels. Whether using the handheld, bodypack, or desktop configuration, the Cardioid polar pattern ensures superior voice isolation and excellent background noise rejection.





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FEATURES



UHF wireless microphone is less likely to be subject to interference than VHF microphone, transmitting more stable signal.



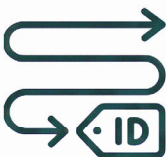
Up to 200 frequencies, several sets of microphones can be used simultaneously without worrying about interferences



With auto pairing technology



With high-end liquid crystal display



Ultra-long operating range. The UHF Handheld wireless microphone has a wireless range of up to 100 meters. Digital ID identification technology, without worrying about interferences



Unique digital encryption technology, preventing off-site surveillance or eavesdropping



Built-in feedback suppressor, one-key eliminating howling



TECHNICAL SPECIFICATIONS

SECTION 1 GENERAL INFORMATION



Model



MC-WM-2005DD

RECEIVER SPECIFICATIONS

	Receiver Oscillation mode		PLL frequency synthesis
	Frequency range		UHF 499MHz - 900MHz
	Frequency stability		±0.001%
	Modulation mode		FM
	SNR		> 60dB
	Distortion		< 0.5% @ 1KHz
	Receiver sensitivity		1.2/UV @ S/N=12dB
	Power supply		DC 12V
	Audio output		Independent 0-2V / Hybrid 0-2V

TRANSMITTER SPECIFICATIONS

	Power supply		DC 3V (1.5V AA × 2)
	Microphone power consumption		110mA
	Carrier frequency		UHF 499MHz - 937MHz
	Frequency stability		±0.001%
	Max frequency offset		±70KHz
	SNR		> 60dB
	Adjacent frequency interference ratio		> 80dB
	Dynamic range		≥ 100dB

MICROPHONE CHARACTERISTICS

	Type		Dynamic
	Polarity mode		Cardioid
	Frequency response		60Hz - 17KHz
	Microphone sensitivity		-42 ± 2dB @ 1KHz