

4 Channel Digital Wireless Microphone System

Model: CLA-WM400



SUMMARY

Experience premium wireless audio with high-end design and crystal-clear display for effortless control. Engineered with advanced anti-electromagnetic interference circuits, true diversity reception, and intelligent AFS scanning, it guarantees stable, interference-free performance. The dynamic coil microphone delivers high-fidelity sound, while ultra-low power design ensures up to 12 hours of use and 100 meters of reliable coverage. With intuitive controls, and one-click infrared SYNC, this system is built for professional conferences, large venues, and long-distance transmission—combining elegance, reliability, and superior sound quality.

FEATURES

❖ Advanced Anti-Interference Circuit

Innovative design eliminates electromagnetic interference from mobile phones and electronic devices, ensuring stable performance.

❖ True Diversity Reception

Four independent antennas deliver reliable long-distance transmission, minimize blind spots, and guarantee superior sound quality.

❖ Dynamic Coil Microphone Core

Engineered with acoustic space principles to provide high-fidelity conference sound with natural clarity.

❖ Wide Frequency Bandwidth

50MHz bandwidth with 200 selectable channels and 250KHz spacing, offering flexible frequency management and interference-free operation.

❖ Intelligent AFS Scanning

Automatically detects clean frequency points and selects the optimal channel for seamless connectivity.

❖ Infrared SYNC Function

One-click automatic frequency matching with dual infrared buttons, simplifying setup and saving time.

❖ Extended Operating Range

Up to 100 meters in optimal conditions ideal for large venues and campuses.

❖ Ultra-Low Power Design

Provides over 12 hours of working, ensuring dependable performance throughout events.

❖ User-Friendly Controls

Shuttle knob with electronic volume adjustment (0–31 levels), sensitivity settings (00–60dB), and lock key protection for error-free operation.

❖ Feedback Suppression

Built-in howling suppression and attenuation reduce unwanted noise and feedback.

❖ Professional Installation

Compact 1U metal cabinet design for durability and easy integration into standard racks.

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SPECIFICATIONS

Series	CLA-WM400
Receiver	CLA-4WM400R
Power supply	DC12V
Consumption Rating	< 7.2W
Size (L×W×H)	483mm x 175mm x 45.3mm
Weight	2.75kg
Carrier frequency band	UHF band (Ultra high Frequency band)
Bandwidth	50MHz
Audio channel	4CH
Modulation method	FM
Oscillation	PLL
Sensitivity	S/N>60dB@25KHz, 6dBv
Max Deviation Range	±45KHz
S/N ratio	> 105dB
T.H.D	< 0.7% @ 1KHz
Frequency Response	20Hz~20KHz ±3dB
Working Distance	100m
Audio output	Unbal6.35mm x1 Bal : XLR x2
Audio signal receiving interface	BNC x4
Handheld Transmitter	CLA-4WM400HH
Consumption Rating	Standby: ≤350mW, Speaking: ≤620mW
Display	LCD
Operating time	12 hours
Operating temperature range	-9°C -- 40°C

Size (L×W×H)	Length : 282mm, Maximum diameter : 52mm
Weight	0.35kg
Carrier frequency band	UHF band (Ultra high Frequency band)
Oscillation	PLL
Harmonic Radiation	<-65dBm
Max Deviation	+/-45KHz
Capsule	Dynamic
RF Power	15MW
Bodypack Transmitter	CLA-4WM400B (L/HW)
Working Voltage	DC 3.7V -- 4.5V
Consumption Rating	Standby: ≤350mW, Speaking: ≤620mW
Display	OLED
Operating time	12 hours
Operating temperature range	-9°C -- 40°C
Size (L×W×H)	107×63×19.5mm
Weight	0.07kg
Carrier frequency band	UHF band (Ultra high Frequency band)
Oscillation:	PLL
Harmonic Radiation	<-65dBm
Max Deviation	+/-45KHz
Capsule	Condenser
RF Power	15MW