

4-channel Wireless Conference Microphone

WH-40HC

INTRODUCTION

WH series wireless microphones provide flexible and reliable wireless solutions for all kinds of meetings, training, presentations, multi-function halls and other venues. The wireless system uses UHF frequency band wireless transmission signal, dual antenna and dual channel receiving signal, with 100 selectable channels, which is convenient for multiple systems to be used at the same time and easily avoid all kinds of interference. Rack-mounted receivers are easy to install in the field.

The dual-channel receiver adopts a dual-antenna, detachable design, and automatic tracking tuning technology to ensure the best stability of the system when operating at any frequency. It is equipped with a double waist bag collar clip microphone, a lightweight and high-strength shell, and a matte surface to prevent slipping.



FEATURES

4-channel receiver

- Four-channel UHF ultra-high frequency wireless receiver, highly integrated circuit design;
- Small chassis, 1U compact design, support rack mounting;
- The metal panel is matched with high-quality frosted glass material to reflect the texture;
- The detachable antenna design enhances the received signal and highlights the high-end appearance;
- At the same time, one 6.3 mixing output is set, and each channel has a balanced XLR-M independent output, which is suitable for connecting various external devices;
- Adopt infrared frequency pairing method, fast frequency pairing, frequency pairing distance is far, locking speed is fast;

WH-40HC

- Frequency range: 470-960MHz (optional);
- Number of adjustable channels: 96;
- Oscillation mode: PLL high-precision phase-locked loop technology;
- Frequency stability: $<\pm 3\text{ppm}$;
- Receiving mode: superheterodyne;
- Automatic tracking tuning technology to ensure the best stability of the system when working at any frequency;
- LED high-definition screen display, working status at a glance;
- More stable digital pilot mode, pilot frequency is 30.72kHz;
- Distance: 80 meters wide (ideal environment);
- The audio and data adopt a special pilot signal and ID code to effectively prevent crosstalk and interference;
- The receiver display can display RF signal strength, AF audio signal strength, current frequency channel, SQL noise threshold, current microphone power, transmit power adjustment and other parameters;

Wireless gooseneck conference microphone:

- The gooseneck conference microphone display can display RF signal strength, current frequency channel, current microphone power, mute status and other information;

Equipment specifications

Four-channel receiver	
Number of channels	Four-channel
Receive sensitivity	-98dBm
RF operating range	470 ~ 960MHZ
Maximum number of channels	96 pcs
Audio frequency range	60-16kHz ($\pm 3\text{dB}$)
Harmonic distortion	$<0.5\%$ (1kHz,25mVrms)
Signal-to-noise ratio	$\geq 105\text{dB}$ (XLR port)
Audio output	4 XLR-M balanced outputs, 1 large 6.35mm three-core hybrid output
Power Specifications	DC12V/0.5A
Power consumption	250mA, 12V, power $\leq 3\text{w}$
Dimensions (L x W x H)	410mm x 145mm x 45mm
weight	1.4Kg

WH-40HC

Wireless gooseneck conference microphone

RF frequency range	470-960MHz (optional)
Audio frequency range	60-11kHz (±3dB)
sensitivity	-47dBV/Pa(1kHz)
Output impedance	800 ohms (1KHz)
Directivity	Heart-shaped
Maximum sound pressure level	110dB (1%THD)
Boot speed	< 1 second
Transmit power	5mW/10mW/30mW three steps are optional
Battery specifications	The built-in lithium battery can be recharged, and the use time is not less than 12 hours
size	Width 110mm * height 50mm * thickness 132mm, microphone length 430mm
weight	430g (without battery)

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