

2-channel Wireless Headset Microphone

WH-20HW

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

2-channel receiver

- Dual-channel UHF UHF wireless receiver with highly integrated circuit design;
- Small chassis, 1U compact design, support rack mounting;
- Metal panel with high-quality frosted glass material reflects the texture;
- Dual rubber antennas, low loss, removable design, enhance the received signal and highlight the high-grade appearance;
- At the same time set up a 6.3 mix output, each channel a balanced XLR-M independent output, suitable for connecting a variety of external devices;
- Adopt infrared frequency pairing method, fast frequency pairing, frequency pairing distance is far, locking speed is fast;

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- Frequency range: 470-960MHz (optional);
- Number of adjustable channels: 100;
- Oscillation mode: PLL high-precision phase-locked loop technology;
- Frequency stability: $<\pm 3\text{ppm}$;
- Receiving mode: super-external difference;
- Automatic tracking and tuning technology to ensure that the system maintains the best stability at any frequency work;
- The receiver is equipped with high-definition screen display, the working status is clear at a glance;
- More stable digital frequency guide way, the frequency guide rate is 30.72kHz;
- Use distance: open about 80 meters (ideal environment);
- Audio and data using a dedicated frequency guide signal and ID code method, effectively preventing crosstalk and interference;
- Receiver display can show RF signal strength, AF audio signal strength, the current use of frequency channel and frequency, SQL squelch threshold, the current microphone power, transmit power adjustment and other parameters;

Equipment specifications

Dual-channel receiver	
Number of channels	Dual-channel
Receive sensitivity	-98dBm
RF operating range	470 ~ 960MHZ
Maximum number of channels	100 pcs
Audio frequency range	60-16kHz ($\pm 3\text{dB}$)
Modulation	FM
Harmonic distortion	$<0.5\%$ (1kHz,25mVrms)
Signal-to-noise ratio	$\geq 105\text{dB}$ (XLR port)
Audio output	2 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 44mm
weight	1.4Kg

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Bodypack wireless transmitter	
RF frequency range	470-960MHz (optional)
Audio frequency range	60-16kHz (± 3 dB)
Harmonic distortion	<0.5%(1kHz,25mVrms)
Signal-to-noise ratio	≥ 105 dB (XLR port)
Boot speed	< 1 second
Transmit power	5mW/10mW/30mW three steps are optional
Battery specifications	2 x AA batteries with a minimum of 10 hours of use
size	Width 64mm * height 127mm * thickness 26mm
weight	90g (without battery)

Concealed binaural headset microphone	
Audio frequency range	20-20kHz
sensitivity	-48dBV/Pa(1kHz)
Directivity	Heart-shaped
Maximum sound pressure level	110dB (1%THD)
Signal-to-noise ratio	>58dB
Output impedance	680 ohms (1kHz)
interface	Standard TS3.5 interface
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Signal-to-noise ratio	>58dB
Output impedance	680 ohms (1kHz)
interface	Standard TS3.5 interface

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