

# WCS-800v2

8 Channel Wireless Microphone Receiver



## Features:

1. Built-in 2\*3 group stacking frequency, one-key to take. The same frequency band can easily stack two sets at the same time.
2. Infrared synchronisation function, one button to connect and lock frequency automatically.
3. The eight-channel volume is independently adjustable. 8+1 audio output is provided. The audio volume output of each eight-channel is independently controllable.
4. Provide multiple transmitters to choose, conference, handheld and collar microphones can be mixed to use.
5. Backlit LCD display show working station of RF, AF, frequency and channels.
6. Adopt same working frequency for four channels, transmitters can interchange at any time, this greatly enhance operation flexibility.
7. Adopt the latest UHF wireless audio transmit chip module IC with excellent RF and AF performance and provide professional sound experience to customers. Squelch control and digital pilot technology, when transmitter turn off, pilot control will make AF signal to be mute to avoid noise, receiver's channels also will be mute, this effectively cut off interference signal.

# Technical Specification

Number of receiver channels	Eight
Frequency Range	610~670 MHz
Modulation Mode	FM
Frequency Interval	50MHz
Channels	200
Channel Interval	300kHz
Frequency Stability	±0.005%
Dynamic Range	100dB
Frequency Response	80Hz-18KHz (±3dB)
SNR	>105 dB
Distortion	≤0.5%
Working Temperature	-10°C ~+40 °C

## RECEIVER SPECIFICATIONS

Size (length * width * height)	48.5*19.7*9.7cm
Pattern	Super heterodyne twice frequency conversion
IF-FRE	First :110MHz Second: 10.7MHz
Wireless Interface	BNC/50Ω
Sensitivity	12dBμV(80DbS/N)
Sensitivity Range	12-32 dBμV
Stray Rejection	>75dB
Max Output Level	+10dBV
Working Power	12V 1000mA

## TRANSMITTER

Output Power	High power: 15mW Low power: 8mW
Stray Rejection	-60dB
Power Supply	2 AA batteries
Working Duration Time	13 Hours
Working Distance	Ideal Condition:~80 meters Complex Environment:~45 meters

## MODEL NUMBER

WCS-810(8 Channel Receiver)  
 WCS-H(Handheld Microphone for WCSv2 Series Receiver)  
 WCS-G(Gooseneck microphone with Transmitter for WCSv2 Series)  
 WCS-B(Body pack Transmitter for WCSv2 Series Receiver)  
 WCS-C(Clip Microphone for WCSv2 Series Receiver, WCS-B required)  
 WCS-S(Headset Microphone for WCSv2 Series Receiver, WCS-B required)

