

# WCS-400R Wireless Controller Unit with Recorder



**WCS-400 Series** is a new UHF Wireless Conference System, This series includes Controller Unit with Recorder (WCS-400R), Discussion Desktop Unit for Chairman (WCS-400D chairman) and Discussion Desktop Unit for Delegate (WCS-400D delegate). This series simple and elegant design, plug-and-play and easy to move without wiring connection.

WCS-400R with high flexibility and reliability, Controller Unit offers simple operation with FIFO microphone mode, built in USB port for recording in MP3 format and Support up to 32GB drive. This series can be perfectly integrated into any conference rooms or meeting rooms without additional wiring. It's the best wireless conference solutions for small scale conferences.

## Feature

- LCD display for status information and function.
- Built in USB port for recording in MP3 format and Support up to 32GB.
- With HD circuit design, system create high performance sound quality.
- Maximum 20 sets system can be used at the same venue.
- Control for up to 50 wireless discussion units.(included 1 unit chairman) can be connected with one central control.
- Easy to move and easy to Installation without problem wiring connection.
- Up to 3 open microphones at the same time.
- Operational microphone modes: FIFO mode: delegates can override each other simply by activating their microphones. (1/2/3)
- Typical range 60 m (200 ft).
- Built-in rack mount kit easy to store and installed in a standard 19 inches 1U rack.

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## Certifications : CE and RoHS

The WCS-400R conforms to standard

- EN 62311 , EN 60950-1
- ETSI EN 300 220 , ETSI EN 300 422 , ETSI EN 301 489

## Controls and Indicators

### Front

- Power on/off switch.
- LCD display for status information and configuration.
- 1 Control button for rotate button to select menu conference mode.
- 1 USB Port for Record Audio in MP3 format.
- 1 soft button for Start/Stop Switch recording.

### Interconnections

#### Back

- 1 x Wireless antenna socket (ANTENNA D) for System data control.
- 3 x Wireless antenna socket (ANTENNA A/B/C) for Discussion mic RF.
- 1 x USB ports (USB AF OUT) for connect with audio recording device..
- 1 x 6.35 mm (1/4 in) jack sockets (MIXED OUT) for mixed audio output.
- 1 x Three-pole XLR balanced (BALANCED OUT) for mixed audio output.
- 1 x DC12-18V input.

# WCS-400R Wireless Controller Unit with Recorder

## Specifications

Audio channel	
Transmission method	UHF Wireless (one way)
Audio channel	3
Carrier frequency band	UHF 794-806MHz
Modulation method	FM
Receiving sensitivity	>-112dbm
Audio gain	+5dbm
Frequency response	45Hz-18KHz $\pm$ 1dB
S/N Ratio	>105dB
T.H.D.	<0.8%
Data control channel	
Transmission method	Wireless (two-way)
Data channel	20
Frequency Range	433MHz-437MHz
Modulation method	FSK

Receiving sensitivity	>-112dbm
Transmission consumption	10mW
Communication rate	100KBPS
Frequency deviation	$\pm$ 400Hz

### System

Power supply	DC 12V-18V
Signal covering range	Radius 60 meters
Consumption Rating	10W
Operating temperature range	5°C - 50°C
Dimensions	421x225x45mm
N.W	2.4kg



## Diagram