



## Description:

The CMX Audio range UHF Wireless Conference System with high flexibility and reliability, which is an ideal choice for mobile conference systems. It is one simple operation, compact structures, cost-effective range basic discussion conference system. The wireless conference system can be perfectly integrated into any meeting rooms without additional wiring. It's the best UHF wireless conference solutions for small-scale conferences system.

## Features:

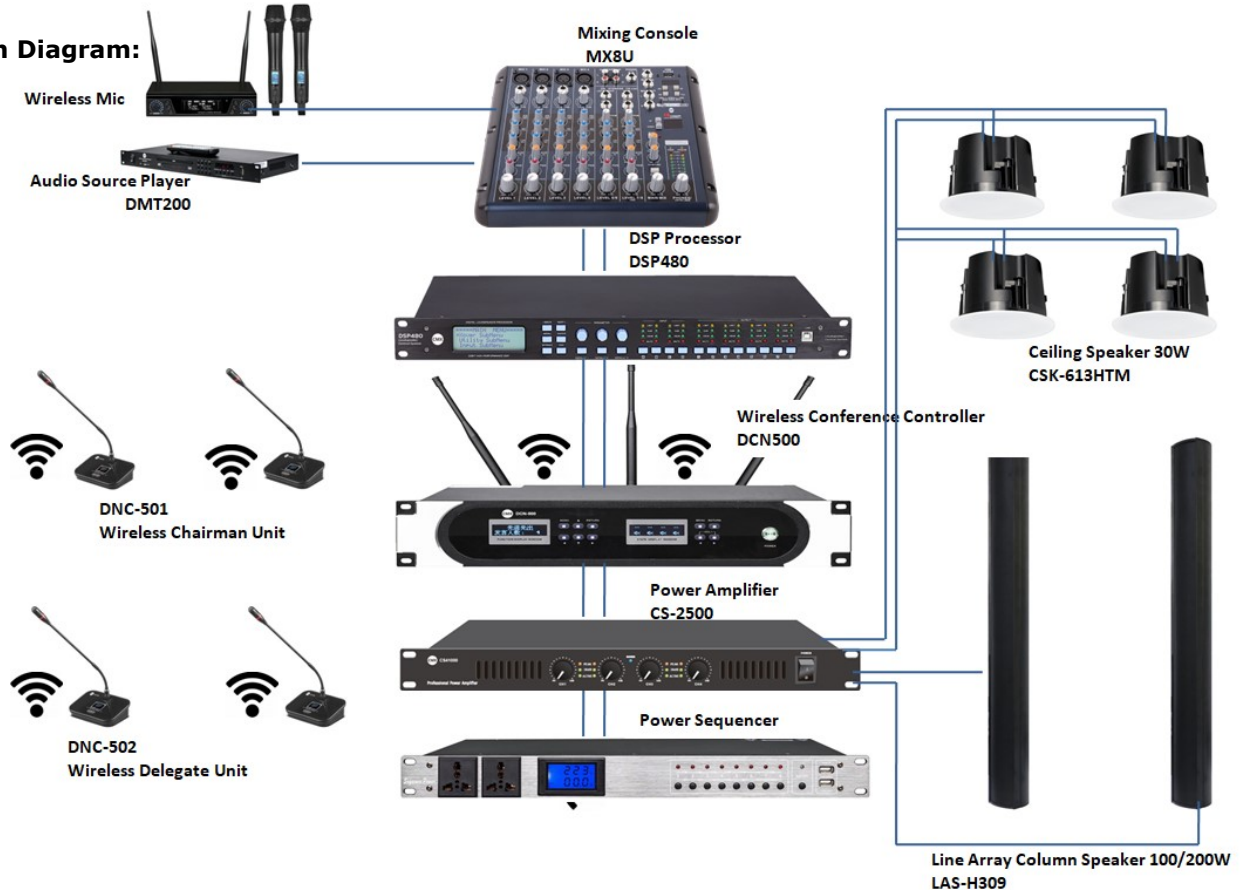
- Simple operation UHF wireless conference system.
- Minimum cable wiring to save cable layout cost.
- Minimum cable connection ideal for rental use or portable conference system.
- Basic discussion conference system or audio conference system.
- Economy wireless conference system and meeting system.
- System capacity of 255 delegate units.
- Chairman unit with priority over delegate units.
- Chairman unit and delegate unit support 1.5V AA battery or mini USB port for direct power from power bank.
- With 2.23" display of microphone status, signal strength and battery status.
- Several meeting modes: Limit (1/2/3/4), First in first out (1/2/3/4), Chairman Only and free discussion modes.
- 5 delegate microphones can be turned on at the same time.  
Microphones can be operated on the built-in rechargeable lithium battery.
- Battery working time of 8 hours and standby time of 12 hours.
- Multi-channel high bandwidth and intermediate band frequency selective filtering to avoid any interference.
- Built-in feedback suppressor to decrease feedback and noise effectively.
- Built-in noise deletion circuit and TONE-LOCK system to make sure the system has strong anti-jamming function.
- Operation distance up to 300 meters and coverage up to 4,000 Square meters.
- UHF wireless conference system master control is powered by 12V DC.
- With unbalanced 6.3mm jack output and balanced XLR output to sound reinforcement system.

# Wireless Conference System Master Controller DCN-500

## Specifications:

Model		DCN-500
Description		Wireless Conference System Master Controller
Audio	Transmission Way	UHF wireless one way transmission by oscillation PLL technology
	Channel Qty	5 channels (one for chairman Mic and four for delegate Mics)
	Frequency Range	715MHz-785MHz @ ±10PPM stability
	Modulation Mode	FM
	Receive Sensitivity	-100dBm
	Output Level	Balanced XLR output: 0-600mV, unbalanced Jack output: 0-300mV
	Frequency Response	60Hz-18KHz
	S N Ratio	>105dB
	THD	<0.5%
	Communication Distance	300 meters
Control	Transmission Way	UHF wireless two way transmission
	Frequency Range	715MHz-785MHz
	Modulation Mode	FSK
	Receive Sensitivity	-100dBm
	Transmitted Power	+6dBm (adjustable)
	Frequency Deviation	<0.002
	Communication Rate	100KBPS
	Signal Coverage	4,000 Square meters
Mechanical	Power Supply	12V-15V DC, ≧1A
	Power Consumption	< 7W
	Operation Temperature	-20°C to +55°C
	Dimension & Weight	480 x 320x90mm, 6.5kg

## Connection Diagram:





**Features:**

- UHF wireless transmission technology for flexible installation and portable for rental use.
- UHF wide frequency bandwidth of 715MHz-785MHz for stable signal transmission.
- Meet the needs for secure and interference-free communication and discussion conference system.
- Minimum equipments to set up a basic conference system in a short time.
- Ideal use for board room, conference room and meeting room for hotel, office and government.
- Wireless conference system with basic discussion function.
- Discussion chairman unit for audio conference system.
- Chairman unit with priority over delegate unit when speech.
- Chairman unit can turn off the delegate unit speech.
- The system support only chairman speech mode without any interruption from others. Delegate units could speech only after the chairman unit exit the "Chairman Mode".
- Chairman unit and delegate unit support 1.5V AA battery or mini USB port for direct power from power bank.
- With 2.23" display of microphone status, signal strength and battery status.
- The microphone is designed with round ring indicator for microphone on.
- The gooseneck microphone is pluggable for easy installation and replacement.
- There is button to set up the ID, control channel, volume up and down.
- Power standby automatically when there is no operation within 99 seconds.
- The microphone will be power off within 60 seconds when there is system error.
- Gooseneck length of 420mm, longer one could be customized without additional cost.

**Specifications:**

Model	DCN-501	DCN-502
Description	Wireless Chairman Unit	Wireless Delegate Unit
System Capacity	255 units	
Power Supply	1.5V AA battery or mini USB port for direct power from power bank	
UHF Frequency	715MHz-785MHz	
Frequency Response	60Hz-18KHz	
Power Consumption	6W	
Voice Pickup Distance	10-30cm	
Gooseneck Length	420mm	
Gooseneck Color	Black	
Operation Temp	-20°C to +55°C	
Dimension	170×120×58mm	
Weight	0.6kg	