

# UHF Wireless Conference System Master Controller (With Recording) UHF-300MC



## 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 as a portable conference system.
- ✓ Basic discussion conference system or audio conference system.
- ✓ Economy wireless conference system and meeting system.
- ✓ System capacity of 256 delegate units.
- ✓ Chairman unit with priority over delegate units.
- ✓ Chairman unit and delegate unit have built-in rechargeable LIPO battery.
- ✓ 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 16 hours and standby time of 60 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.
- ✓ Separate volume control for 5 channels on master controller front panel.
- ✓ Separate output level meter for each 5 channels for direct visual monitoring.  
Optional v auto-track video tracking function.
- ✓ UHF wireless conference system master control UHF-300MC is powered by DC12V.
- ✓ UHF-300MC with unbalanced 6.3mm jack output and balanced XLR output to sound reinforcement system.
- ✓ *Video tracking function need external equipment of UHF-300VT and cameras.*

## Rear Panel:



# UHF Wireless Conference System Master Controller (With Recording) UHF-300MC

## Specifications:

<b>Model</b>		<b>UHF-300MC</b>
Description		UHF 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	740MHz-790MHz @ ±10PPM stability
	Modulation Mode	FM
	Receive Sensitivity	-100dBm
	Output Level	Balanced XLR output: 0-600mV, unbalanced Jack output: 0-300mV
	Frequency Response	60Hz-16KHz
	S N Ratio	>105dB
	THD	<0.5%
	Communication Distance	300 meters
Control	Transmission Way	UHF wireless two way transmission
	Channel Qty	16
	Frequency Range	740MHz-790MHz
	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	DC12V-15V, ≧ 1A
	Power Consumption	< 7W
	Operation Temperature	-20°C to +55°C
	Dimension	485(W) x 355(D) x 100(H)mm
	Weight	7.2 kg

## UHF-300 Conference System Connection Diagram:



# UHF Wireless Chairman Unit

## UHF-300CD



### Features:

- ✓ UHF wireless transmission technology for flexible installation and portable for rental use.
- ✓ UHF wide frequency bandwidth of 740MHz to 790MHz for stable signal transmission.
- ✓ Meet the needs for secure and interference-free communication and discussion conference system.
- ✓ Ideal use for board room, conference room and meeting room for hotel, office and government.
- ✓ Chairman unit with priority over delegate unit when speech.
- ✓ Chairman unit can turn off the delegate unit speech.
- ✓ The system supports chairman speech mode without any interruption from others. Delegate units could speak only after the chairman unit exits the "Chairman Mode".
- ✓ Built-in 3W hi-fi monitor speaker.
- ✓ Built-in lithium rechargeable battery, which supports 16 hours of speech use and 60 hours of standby.
- ✓ LCD screen English display the ID, signal level, battery & microphone status and control channel.
- ✓ The microphone is designed with round ring indicator for microphone on.
- ✓ The gooseneck microphone is pluggable for easy installation and replacement.
- ✓ The microphone will power off within 60 seconds when there is a system error.
- ✓ Gooseneck length of 400mm, longer one could be customized without additional cost.
- ✓ Each conference system supports 16 chairman units.

### Specifications:

Model	UHF-300CD
Description	UHF Wireless Chairman Unit
System Capacity	256 units
Monitor Speaker	3W hi-fi speaker
Power Supply	Built-in lithium battery, 4.5V, 500mA
UHF Frequency	UHF 750MHz-790MHz
Frequency Response	60Hz-16KHz
Battery Working Time	16 hours
Battery Standby Time	60 hours
Power Consumption	6W
Voice Pickup Distance	10-30cm
Gooseneck Length	400mm
Gooseneck Color	Black
Operation Temp	-20°C to +55°C
Dimension	170(W)×120(D)×58(H)mm
Weight	0.6kg

# UHF Wireless Delegate Unit

## UHF-300DD



### Features:

- ✓ UHF wireless transmission technology for flexible installation and portable for rental use.
- ✓ UHF wide frequency bandwidth of 740MHz to 790MHz for stable signal transmission.
- ✓ Meet the needs for secure and interference-free communication and discussion conference system.
- ✓ Ideal use for board room, conference room and meeting room for hotel, office and government.
- ✓ Chairman unit with priority over delegate unit when speech.
- ✓ Chairman unit can turn off the delegate unit speech.
- ✓ The system supports chairman speech mode without any interruption from others. Delegate units could speak only after the chairman unit exits the "Chairman Mode".
- ✓ Built-in 3W hi-fi monitor speaker.
- ✓ Built-in lithium rechargeable battery, which support 16 hours of speech use and 60 hours of standby.
- ✓ LCD screen English display the ID, signal level, battery & microphone status and control channel.
- ✓ The microphone is designed with round ring indicator for microphone on.
- ✓ The gooseneck microphone is pluggable for easy installation and replacement.
- ✓ The microphone will power off within 60 seconds when there is a system error.
- ✓ Gooseneck length of 400mm, longer one could be customized without additional cost.
- ✓ Each conference system supports 256 delegate units.

### Specifications:

Model	UHF-300DD
Description	UHF Wireless Delegate Unit
System Capacity	256 units
Monitor Speaker	3W hi-fi speaker
Power Supply	Built-in lithium battery, 4.5V, 500mA
UHF Frequency	UHF 750MHz-790MHz
Frequency Response	60Hz-16KHz
Battery Working Time	16 hours
Battery Standby Time	60 hours
Power Consumption	6W
Voice Pickup Distance	10-30cm
Gooseneck Length	400mm
Gooseneck Color	Black
Operation Temp	-20°C to +55°C
Dimension	170(W)×120(D)×58(H)mm
Weight	0.6kg

# Battery Charger UHF-300BC



## Features:

- ✓ The battery charger UHF-300BC is exclusively designed to charge for UHF wireless conference system.
- ✓ It is designed with portable strong protection air flight case for rental and mobile use.
- ✓ 16 batteries simultaneously charged.
- ✓ Charging time is about 8 to 10 hours.
- ✓ Power supply of AC220V or 115V, 50-60Hz
- ✓ Built-in over charge protection to protect the lithium battery life span.
- ✓ With charging red indicator and charged green indicator

## Specifications:

Model	UHF-300BC
Description	Battery Charger
Power Supply	AC 110V to 240V, 50-60Hz
Power Consumption	200W
Charging Qty	16 units
Charging Current	700mA
Charging Time	8 to 10 hours
Indicator	Red indicator flashing-charging, green indicator-full charged
Operation Temp	0°C to +40°C
Dimension	620(W)×370(D)×175(H)mm
Weight	9kg

