

## Conference Microphone System CMS-350M



### Features

- \*The panel adopts buttons to control speaking mode and the number of speakers, breaking the traditional dial control.
- \*LED displays working mode and allowed speaking number.
- \*The number of speakers: 1, 3, 6 and full opening( 4 forms can be chosen)
- \*6 meeting work modes: ①chairman mode ②first in first out mode ③last in first out mode ④LIMIT mode ⑤FREE mode ⑥responder mode
- \*The host can connect 60 microphone units, it divide into 4 parallel outputs, each channel can connect 20 units.
- \*Equipped with audio parallel output and a 6.3 jack output, conference recording outputs and background music inputs interface.

Frequency response: AC 220V±10% 50Hz

Rated voltage: 100Hz-12.5Hz

Output impedance:

REC:200Ω LINE:200Ω

BALANCE: 300Ω

UNBALANCE: 400Ω

Input impedance: LINE:50KΩ PBIN:50KΩ

S /N Ratio: 100dB (1KHz THD1%)

Size: 480\*44\*220 mm

- \*Latest digital design.
- \*With microphone ,speaking button and indicator lamp that can show and control the state of speech.
- \*Whole plastic microphone shell.
- \*With a microphone unit connecting cable.
- \*Single projection; With Anti-gas sonic boom and wind shield.
- \*With Chairman priority key;could shut all the delegate unit.
- \*The chairman unit can be placed in any position in loop.
- \*The chairman unit is unrestricted by the limiting function.
- \*The chairman unit quantity is unrestricted in the loop.
- \*High sensitivity microphone.
- \*The power for units is supplied by the master controller at 9 safe voltage.
- \*Hand-in-hand connection method.
- \*With a microphone unit connecting cable 2.1m, 8P core line, convenient installation can increase efficiency.

Type: capacitance

Polar pattern: one direction

Frequency response: 30Hz-18KHz

Sensitivity:  $-45\pm 2\text{dB}@1\text{KHz}$

Input voltage: DC 9V(powered by host)

Min input impedance: 1KΩ

S /N Ratio: 68dB

Output connector: 8P terminal

Input and output wire: 2.1M 8P shielded line

Mic length:425mm

Size:132\*150\*58mm

Weight:500g

## **Specification**

Model No.	CMS-350M
Connection	60 Units
Output Impedance	REC:200Ω LINE:200Ω
	BALANCE: 300Ω
	UNBALANCE: 400Ω
S/N Ratio	100dB
Power Supply	AC 220V±10% 50Hz
Dimension	480*44*220 mm

Model No.	CMS-3504C/D
Frequency Response	30Hz~18KHz
Mic Type	capacitance
Polar Pattern	Uni-direction
Input Impedance	1KΩ (Min)
S/N Ratio	68dB
Power Supply	DC9V (powered by CMS-350M)
Dimension	132*150*58mm

## Conference Microphone System CMS-351M



### Features

- \*The panel adopts buttons to control speaking mode and the number of speakers, breaking the traditional dial control.
- \*LCD screen displays working status
- \*The number of speakers: 1, 2,3,4,5,6 and full opening
- \*6 meeting work modes: ①chairman mode ②first in first out mode ③last in first out mode ④LIMIT mode ⑤FREE mode ⑥responder mode
- \*\*The host can connect 60 microphone units, it divide into 4 parallel outputs, each channel can connect 20 units..
- \*Equipped with audio parallel output and a 6.3 jack output, conference recording outputs and background music inputs interface.
- \*Built-in telephone coupler input and output ports, and can be used for remote telephone conference. According to the principle of communication, it divide two-way telephone voice signals into inputs and outputs. In order to control the intercom setting of phone call and set aside between the hall.
- \*RS232 interface can be achieved using computer software to control entire conference system function.

Output impedance:

REC:200Ω LINE:200Ω

BALANCE: 300Ω

UNBALANCE: 400Ω

Input impedance: LINE:50KΩ PBIN:50KΩ

S /N Ratio: 100dB (1KHz THD1%)

Size:480\*220\*44mm

Weight:5.5KG

- \*Latest digital design.
- \*With microphone ,speaking button and indicator lamp that can show and control the state of speech.
- \*Whole plastic microphone shell.
- \*With a microphone unit connecting cable.
- \*Single projection; With Anti-gas sonic boom and wind shield.
- \*Chairman unit with Chairman priority key;could shut all the delegate unit.
- \*The chairman unit can be placed in any position in loop.
- \*The chairman unit is unrestricted by the limiting function.
- \*The chairman unit quantity is unrestricted in the loop.
- \*High sensitivity microphone.
- \*The power for units is supplied by the master controller at 9V safe voltage.
- \*Hand-in-hand connection method.
- \*With a microphone unit connecting cable 2.1m, 8P core line, convenient installation can increase efficiency.

Type: capacitance

Polar pattern: one direction

Frequency response: 50Hz-18KHz

Sensitivity: -45±2dB@1KHz

Input voltage: DC 9V(powered by host)

Min input impedance: 1KΩ

S /N Ratio: 68dB(A)

Output connector: 8P terminal

Input and output wire: 2.1M 8P shielded line  
Mic length:290mm  
Size:170\*130\*68mm  
Weight:1kg

## **Specification**

Model No.	CMS-351M
Connection	60 Units
Output Impedance	REC:200Ω LINE:200Ω
	BALANCE: 300Ω
	UNBALANCE: 400Ω
S/N Ratio	100dB
Power Supply	AC 220V±10% 50Hz
Dimension	480*44*220 mm

Model No.	CMS-3515C/D
Frequency Response	50Hz~18KHz
Mic Type	capacitance
Polar Pattern	Uni-direction
Input Impedance	1KΩ (Min)
S/N Ratio	68dB
Power Supply	DC9V (powered by CMS-351M)
Dimension	170*130*68mm

## Digital Conference Microphone System CMS-690M



### **Features**

#### **Main Host**

- \*The digital conference microphone system host comes with a LED display, and built-in USB/SD card for background music or recording function;
- \*LED displays working mode and allowed speaking number.
- \*The number of speakers: 1-9 and full opening( 4 forms can be chosen)
- \*6 meeting work modes: ①chairman mode ②first in first out mode ③last in first out mode ④LIMIT mode ⑤FREE mode ⑥responder mode
- \*The host can connect 150 microphone units, it divide into 4 parallel outputs, each channel can connect 20 units.
- \*Protocol TCP/IP or RS-232 available for system integration.
- \*Short-circuit input for EMC, stop the meeting mode automatically;
- \* Main host adjust voice sensitivity and volume;
- \* Built-in IC card reader for check-in (sign) function;
- \* Voting function
- \* 6 in 4 out video switch matrix

Output impedance:

REC:200Ω LINE:200Ω

BALANCE: 300Ω

UNBALANCE: 400Ω

Input impedance: LINE:50KΩ PBIN:50KΩ

S /N Ratio: 100dB (1KHz THD1%)

Size: 480\*88\*220 mm

#### **Chairman / Delegate Microphone Unit**

- \*With microphone ,speaking button and indicator lamp that can show and control the state of speech.
- \*Whole plastic microphone shell.
- \* 2.23'' OLED display;
- \*With a microphone unit connecting cable.
- \*With Chairman priority key;could shut all the delegate unit.
- \*The chairman unit can be placed in any position in loop.
- \*The chairman unit is unrestricted by the limiting function.
- \*The chairman unit quantity is unrestricted in the loop.
- \*High sensitivity microphone.
- \*The power for units is supplied by the master controller at 24V voltage.
- \*Hand-in-hand connection method.
- \*With a microphone unit connecting cable 2.1m, 8P core line, convenient installation can increase efficiency.

Type: capacitance  
Polar pattern: one direction  
Frequency response: 30Hz-18KHz  
Sensitivity:  $-45\pm 2\text{dB}@1\text{KHz}$   
Input voltage: DC 24V(powered by host)  
Min input impedance:  $1\text{K}\Omega$   
S /N Ratio: 68dB  
Output connector: 8P terminal  
Input and output wire: 2.1M 8P shielded line  
Mic length:425mm  
Size:132\*150\*58mm  
Weight:500g

## Specification

Model No.	CMS-690M
Connection	150 Units
Recording Interface	USB/SD card
Control Port	RS232 x 1
Camera Control Port	S-video, 5 pin interface
PC Connector	USB x 1, RJ45 x 1
Output Impedance	REC:200 $\Omega$ LINE:200 $\Omega$
	BALANCE: 300 $\Omega$
	UNBALANCE: 400 $\Omega$
S/N Ratio	100dB
Video Switch	RCA 6x4
Audio Input	RCA x 2, XLR x1, 6.3mm x 2
Audio Output	RCA x 4, XLR x 1
Power Supply	AC 220V $\pm$ 10% 50Hz
Dimension	483x323x90 mm

Model No.	CMS-692C/D
Frequency Response	30Hz~ 18KHz
Mic Type	capacitance
Polar Pattern	Uni-direction
Input Impedance	$1\text{K}\Omega$ (Min)
S/N Ratio	68dB
Power Supply	DC24V (powered by CMS-350M)
Dimension	120x105x45mm

## UHF Wireless Microphone CMS-U602



### **Features**

Oscillation: PLL synthesized

Mode: 2 Channel Receiver, 32 signal channel IR pairing, 0.5MHz step per channel

Support 20 groups or 40 mic transmitters use simultaneously

Receiver LCD display shows working channel, frequency, signal indicator,

Carrier Frequency Range : UHF 500MHz ~ 900MHz

Frequency Stability :  $\pm 0.001\%$

Max. deviation Range :  $\pm 50\text{KHz}$

Modulation Mode : FM

S/N Ratio :  $>105\text{dB}$

T.H.D:  $<0.5\% @ 1\text{KHz}$

Sensitivity :  $1.2/\mu\text{V} @ \text{S/N}=12\text{dB}$

Power Supply : DC:  $12\text{V} \sim 17\text{V}$

Audio Output : Independent Free standing  $0 \sim 400\text{mV}$  Mixed style  $0 \sim 300\text{mV}$

Transmitter parameter :

Power Supply : DC  $3\text{V}$  (  $1.5\text{V AA} * 2$  )

Transmitter LCD display shows working channel, frequency and battery level;

Consume an electricity:  $100\text{mA}$

Carry a frequency : UHF  $500\text{MHz} \sim 900\text{MHz}$

Frequency stability :  $\pm 25\text{KHz}$

S/N Ratio :  $>105\text{dB}$

F/N Ratio : >80dB

Dynamic range : ≥100dB

Type : capacitance

polar pattern : One direction

Frequency Response : 40Hz ~ 20KHz

Sensitivity :  $-47 \pm 3\text{dB}@1\text{KHz}$

## **Specification**

Model No.	CMS-U602
Channel	Dual Channel (2 Channel)
Mode	PLL synthesized
Frequency FM	UHF 500~900 MHz (20 groups)
Audio Output	2 balanced output and 1 mixed unbalanced output
Frequency Stability	Receiver $\pm 0.001\%$ / Mic: $\pm 25\text{KHz}$
S/N Ratio	>105dB
THD	<0.5%@1KHz
Power Supply	Receiver DC12~17V / Transmitter Mic DC3V (1.5V AAx2)
Mic Type	Capacitance
Mic Polar Pattern	Uni-directivity
Power Consumption	Receiver 3W / Transmitter Mic 100mA
Mic Output	10mW
Mic Battery	6 hours
Cover Distance	30 ~ 70 meter
Frequency Response	40~20KHz
Dimension	Receiver 420 x180x44 / 480x180x44mm (w rackmount kit)
Weight	Receiver 1.5 KG / Mic 495g



## UHF Wireless Microphone CMS-U604



### **Features**

Oscillation: PLL synthesized

Mode: 4 Channel Receiver, 32 signal channel IR pairing, 0.5MHz step per channel

Support 10 groups or 40 mic transmitters use simultaneously

Receiver LCD display shows working channel, frequency, signal indicator,

Carrier Frequency Range : UHF 500MHz ~ 900MHz

Frequency Stability :  $\pm 0.001\%$

Max. deviation Range :  $\pm 50\text{KHz}$

Modulation Mode : FM

S/N Ratio :  $>105\text{dB}$

T.H.D:  $<0.5\% @ 1\text{KHz}$

Sensitivity :  $1.2/\text{UV} @ \text{S/N}=12\text{dB}$

Power Supply : DC:  $12\text{V} \sim 17\text{V}$

Audio Output : Independent Free standing  $0 \sim 400\text{mV}$  Mixed style  $0 \sim 300\text{mV}$

Transmitter parameter :

Power Supply : DC 3V ( 1.5V AA\*2 )

Transmitter LCD display shows working channel, frequency and battery level;

Consume an electricity: 100mA

Carry a frequency : UHF 500MHz ~ 900MHz

Frequency stability :  $\pm 25\text{KHz}$

S/N Ratio :  $>105\text{dB}$

F/N Ratio : >80dB

Dynamic range :  $\geq 100$ dB

Type : capacitance

polar pattern : One direction

Frequency Response : 40Hz ~ 20KHz

Sensitivity :  $-47 \pm 3$ dB@1KHz

## **Specification**

Model No.	CMS-U604
Channel	4 Channel
Mode	PLL synthesized
Frequency FM	UHF 500~900 MHz (10 groups)
Audio Output	2 balanced output and 1 mixed unbalanced output
Frequency Stability	Receiver $\pm 0.001\%$ / Mic: $\pm 25$ KHz
S/N Ratio	>105dB
THD	<0.5%@1KHz
Power Supply	Receiver DC12~17V / Transmitter Mic DC3V (1.5V AAx2)
Mic Type	Capacitance
Mic Polar Pattern	Uni-directivity
Power Consumption	Receiver 3W / Transmitter Mic 100mA
Mic Output	10mW
Mic Battery	6 hours
Cover Distance	30 ~ 70 meter
Frequency Response	40~20KHz
Dimension	Receiver 420 x180x44 / 480x180x44mm (w rackmount kit)
Weight	Receiver 1.6 KG / Mic 495g

## UHF Wireless Microphone CMS-U608



### Features

Oscillation: PLL synthesized

Mode: 8 Channel Receiver, 32 signal channel IR pairing, 0.5MHz step per channel

Support 5 groups or 40 mic transmitters use simultaneously

Receiver LCD display shows working channel, frequency, signal indicator,

Carrier Frequency Range : UHF 500MHz ~ 900MHz

Frequency Stability :  $\pm 0.001\%$

Max. deviation Range :  $\pm 50\text{KHz}$

Modulation Mode : FM

S/N Ratio :  $>105\text{dB}$

T.H.D:  $<0.5\% @ 1\text{KHz}$

Sensitivity :  $1.2/\mu\text{V} @ \text{S/N}=12\text{dB}$

Power Supply : DC:  $12\text{V} \sim 17\text{V}$

Audio Output : Independent Free standing  $0 \sim 400\text{mV}$  Mixed style  $0 \sim 300\text{mV}$

Transmitter parameter :

Power Supply : DC 3V ( 1.5V AA\*2 )

Transmitter LCD display shows working channel, frequency and battery level;

Consume an electricity: 100mA

Carry a frequency : UHF 500MHz ~ 900MHz

Frequency stability :  $\pm 25\text{KHz}$

S/N Ratio :  $>105\text{dB}$

F/N Ratio : >80dB

Dynamic range :  $\geq 100$ dB

Type : capacitance

polar pattern : One direction

Frequency Response : 40Hz ~ 20KHz

Sensitivity :  $-47 \pm 3$ dB@1KHz

## **Specification**

Model No.	CMS-U608
Channel	8 Channel
Mode	PLL synthesized
Frequency FM	UHF 500~900 MHz (5 groups)
Audio Output	2 balanced output and 1 mixed unbalanced output
Frequency Stability	Receiver $\pm 0.001\%$ / Mic: $\pm 25$ KHz
S/N Ratio	>105dB
THD	<0.5%@1KHz
Power Supply	Receiver DC12~17V / Transmitter Mic DC3V (1.5V AAx2)
Mic Type	Capacitance
Mic Polar Pattern	Uni-directivity
Power Consumption	Receiver 3W / Transmitter Mic 100mA
Mic Output	10mW
Mic Battery	6 hours
Cover Distance	30 ~ 70 meter
Frequency Response	40~20KHz
Dimension	Receiver 420 x180x88 / 480x180x88mm (w rackmount kit)
Weight	Receiver 1.6 KG / Mic 495g

## Conference System 2 Channel VHF Wireless Microphone CMS-V102



### Features

- \*2 channels. Fixed frequency.
- \*8 controllers can used simultaneously.
- \*Front panel : each channel has a red RF lamp to indicate the signal.
- \*Back panel : 2 pull rod antennas for signal receiving.
- \*Back-panel : 2 balanced output and 1 mixed unbalanced output.
- \*Microphone power consumption is 30mA. With a 9V battery power supply,work constantly for 6 hours.
- \*Light ring on the mic head display working status.
- \*Working distance: 30-70meter.
- \* It's suitable for various kinds of conference and performance occasion.

### Specification

Model No.	CMS-V102
Channel	Dual Channel (2 Channel)
Mode	Quartz Crystal
Frequency FM	VHF 193.0~268.6 MHz (8 groups)
Audio Output	2 balanced output and 1 mixed unbalanced output
Frequency Stability	Receiver $\pm 0.001\%$ / Mic: $\pm 25\text{KHz}$
S/N Ratio	$> 105\text{dB}$
THD	$< 0.5\% @ 1\text{KHz}$
Power Supply	Receiver DC12~17V / Transmitter Mic 9V
Mic Type	Capacitance
Mic Polar Pattern	Uni-directivity
Power Consumption	Receiver 3W / Transmitter Mic 30mA
Mic Output	10mW
Mic Battery	6 hours
Cover Distance	30 ~ 50 meter
Frequency Response	40~20KHz
Dimension	Receiver 420 x180x44 / 480x180x44mm (w rackmount kit) / Transmitter 150x123x43mm
Weight	Receiver 1.8 KG / Mic 495g

## Conference System 4 Channel VHF Wireless Microphone CMS-V104



### Features

- \*4 channels. Fixed frequency.
- \*4 controllers can used simultaneously.
- \*Front panel : each channel has a red RF lamp to indicate the signal.
- \*Back panel : 2 pull rod antennas for signal receiving.
- \*Back-panel : 2 balanced output and 1 mixed unbalanced output.
- \*Microphone power consumption is 30mA. 9V\*1 battery,support 6 hours.
- \*Light ring on the mic head display working status.
- \*Working distance: 30-70meter.
- \* It's suitable for various kinds of conference and performance occasion

### Specification

Model No.	CMS-V104
Channel	4 Channel
Mode	Quartz Crystal
Frequency FM	VHF 193.0~268.6 MHz (4 groups)
Audio Output	2 balanced output and 1 mixed unbalanced output
Frequency Stability	Receiver $\pm 0.001\%$ / Mic: $\pm 25\text{KHz}$
S/N Ratio	$>105\text{dB}$
THD	$<0.5\% @ 1\text{KHz}$
Power Supply	Receiver DC12~17V / Transmitter Mic 9V
Mic Type	Capacitance
Mic Polar Pattern	Uni-directivity
Power Consumption	Receiver 6W / Transmitter Mic 30mA
Mic Output	10mW
Mic Battery	6 hours
Cover Distance	30 ~ 50 meter
Frequency Response	40~20KHz
Dimension	Receiver 420 x180x44 / 480x180x44mm (w rackmount kit) / Transmitter 150x123x43mm
Weight	Receiver 1.9 KG / Mic 495g

## Conference System 8 Channel VHF Wireless Microphone CMS-V108



### **Features**

- \*8 channels. Fixed frequency.
- \*2 controllers can used simultaneously.
- \*Front panel : each channel has a red RF lamp to indicate the signal.
- \*Back panel : 4 pull rod antennas for signal receiving.
- \*Back-panel : 2 balanced output and 1 mixed unbalanced output.
- \*Microphone power consumption is 30mA. With a 9V battery power supply, work constantly for 6 hours.
- \*Light ring on the mic head display working status.
- \*Working distance: 30-70meter.
- \* It's suitable for various kinds of conference and performance occasion.

### **Specification**

Model No.	CMS-V108
Channel	8 Channel
Mode	Quartz Crystal
Frequency FM	VHF 190~280 MHz (2 groups)
Audio Output	2 balanced output and 1 mixed unbalanced output
Frequency Stability	Receiver $\pm 0.001\%$ / Mic: $\pm 25\text{KHz}$
S/N Ratio	$> 105\text{dB}$
THD	$< 0.5\% @ 1\text{KHz}$
Power Supply	Receiver DC12~17V / Transmitter Mic 9V
Mic Type	Capacitance
Mic Polar Pattern	Uni-directivity
Power Consumption	Receiver 8W / Transmitter Mic 30mA
Mic Output	10mW
Mic Battery	6 hours
Cover Distance	30 ~ 50 meter
Frequency Response	40~20KHz
Dimension	Receiver 420 x180x44 / 480x180x44mm (w rackmount kit) / Transmitter 150x123x43mm
Weight	Receiver 2 KG / Mic 495g