



**Wireless conference system host**

**Touchscreen Wireless Conference mic**

## Model Arvia: ARV WC-1000

It adopts digital analog to realize sound signal transmission, with high fidelity, high signal-to-noise ratio, and no sound delay. Use unique novel anti-whistle unidirectional high sensitivity condenser microphone core, so that the voice session master almost perfect all-metal junction structure design, dignified appearance; attendance units using plastic material with a novel appearance design, built The antenna is beautiful and decent. Independently developed data communication algorithm for conference applications, so that within the signal range, the system response speed is not affected by the number of non-attendance units.

### Description

WC-1000 short pole intelligent wireless conference system microphone adopts digital analog to realize sound signal transmission, with high fidelity, high signal-to-noise ratio and no sound delay.

The use of a unique new anti whistling single pointing high-sensitivity capacitor microphone makes the conference sound almost perfect.

The main control computer adopts all metal structure design, solemn and generous; The non voting unit is made of engineering plastic material with novel appearance design and built-in antenna, which is beautiful and decent.

The data communication algorithm independently developed for conference application makes the system response speed not affected by the number of attendee units within the signal range.

The user can flexibly increase or decrease the attendance unit. The factory default system attendance unit capacity is  $\leq 255$  (including 1

Chairman). It has the functions of rotation 1-2-3-4-5-6-7-8, restriction 1-2-3-4-5-6-7-8, and multiple conference speech modes exclusive to the chairman.

Ultra low power consumption, more than 8 hours of continuous speech time and more than 20 hours of standby time of the non voting unit; No. 5 ordinary battery or original Ni MH battery of the manufacturer can be used. The supporting intelligent charger can effectively protect the battery, prolong the service life of the battery and ensure safety.

Large screen LCD display: hierarchical menu design makes the operation simple and convenient. There are many functions such as power display, undervoltage warning, frequency channel and signal indication.

The audio channel and control channel are transmitted wirelessly without laying cables. The signal coverage area can be moved freely, making the venue layout convenient and flexible.



## SPECIFICATION

Wireless conference system host

Power input	DC12V-15V, $\geq 1A$
Power consumption	<7W
working temperature	-10°C--40°C
Main control machine size ( L×W×H )	495mm×255mm×90mm
Master Computer Weight	2.4 kg

### Audio channel:

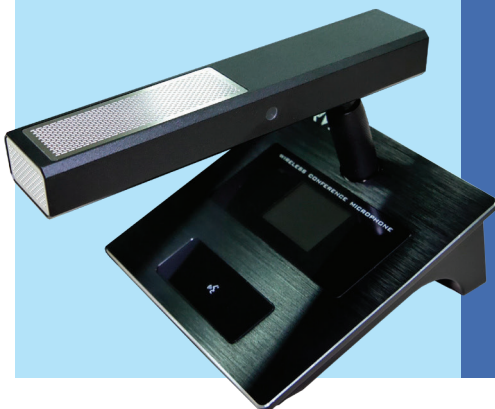
communication mode	UHF
frequency range	(500MHz ---950MHz)
Demodulation system	Digital transfer
Receiving sensitivity	--100dBm

### control channel:

communication mode	UHF
frequency range	500MHz-950MHz
modulation mode	FSK
Receiving sensitivity	-100dBm
Radiated power	$\leq +6dBm$
Frequency deviation	<0.002
Data rate	100KBPS

## SPECIFICATION

### Touchscreen Wireless Conference mic



Signal coverage	60 Meter
Total Audio Gain	$\leq 20dB$
Signal-to-noise ratio	>85dB
Total Harmonic Distortion of Audio	$\leq 0.8\%$

### Audio channel:

communication mode	UHF
frequency range	(500MHz ---950MHz)
Maximum modulation	60K
Radiated power	$\leq +9dBm$
Frequency deviation	<0.002
Reference Speech Distance	10cm--30cm



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