Features

*All core components of the microphone use domestic chips, which are safe, confidential, and the core is controllable.

*It uses a 2.1-inch IPS full-color touch screen with a simple interface.

*The microphone adopts a short microphone rod and a high-sensitivity microphone core design, which supports long-distance sound pickup.

*It adopts uncompressed audio transmission technology with a sampling rate of up to 48K, and can provide perfect sound quality with a bandwidth of 80Hz-16KHz.

*It adopts 100M network transmission, and the network connection uses network cables to facilitate wiring.

*The communication adopts the standard TCP/IP protocol, and each unit can support the ping packet function

*It has a 3.5mm headphone jack that supports listening to 63+1 channels of simultaneous interpretation or connecting an external microphone.

*The chairman unit has the priority to shut down the representative unit's speech.

*Each unit supports web management services, including language switching, adjustment of microphone ID, microphone sensitivity, microphone EQ and other parameters.

*It has speech timing and scheduled speech functions, and the representative machine has the function of applying for speech.

*It has internal feedback suppression function, voice control function, and adjustable voice control sensitivity

*It has a 5-band EQ adjustment function, which can adjust different sound effects according to the speaker's voice characteristics until the perfect effect is achieved.

*It has the function of switching display among four languages: Chinese (Simplified and Traditional), English, Russian and French. The PC software supports switching between two languages: Chinese and English.

*Supports (disc) clock interface display function and can display time.

*Supports conference logistics service functions. The microphone unit can send requests for tea, paper and pen, manual service, etc. to the conference host.

*Supports sign-in function, and can also prohibit unit sign-in, control unit sign-in and other functions through PC software.

*Supports voting function, with multiple voting modes to choose from, and the options can be customized and sent to the unit for display.

*Supports web page firmware upgrade function.

*Support IP address sniffing function, through PC tools can find unknown unit ID number, IP address, MAC address and other parameters

*Supports switching display function among five languages: Chinese, English, Russian, French and Traditional Chinese.

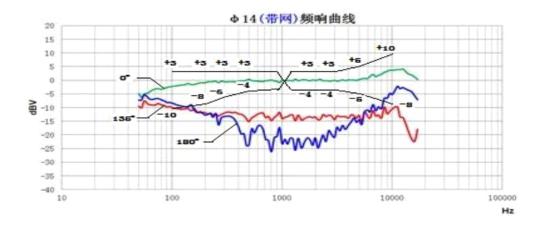*Supports switching between blue (technological style) and red (government style) interface styles.

Specification

Microphone type	Cardioid directional electret (gold-plated microphone core)
Frequency response	80Hz~16KHz
Microphone input impedance	680Ω
Sensitivity	- 40 ± 2 dB (1KHz 0dB=1V/Pa)
Maximum SPL	120 dB(THD>3%)
Signal-to-noise ratio	>80dB(A)
Crosstalk	>70dB
Dynamic range	>80dB
THD	< 0.1 %
Maximum power consumption	2.5 W
Color	Graphite Gray
Sign-in function	Physical silicone button sign in
Base size (L×W×H)	126×105×54mm
Mic rod size	240mm
Installation	Desktop
Weight	0.84 Kg
Display screen	LCD screen

Φ 14 Microphone Core Graphic Coordinates

Frequency response curve

Φ 14（带网）频响曲线

Frequency(Hz)	100	200	900	1000	1200	2000	4000	5000	8000
Upper Limit(dB)	3	3	3	0	3	3	3	3	6
Lower Limit(dB)	-10	--8	-4	0	-4	-4	-5	-6	-7

Microphone core cardioid polar pattern