5G Wireless microphone
FY-W6524C FY-W6524D

Chairman unit FY-W6524C

Delegate unit FY-W6524D

Technical Parameters:

Model	FY-W6524C/FY-W6524D
Standards	IEC60914 international standard
Power consumption	1.5W
System capacity	The system supports a maximum of 5300 wired conference units and 300 wireless conference units
Equivalent noise	20dBA（SPL)
Microphone type	Cardioid Electret
Frequency response	80~16KHz
SNR	>80dB (S/N)
Maximum SPL	100dB(THD∠3%)
Number function	Customizable ID number
Number of opened	1/2/3/4/5/6
Dynamic Range	>80dB
Speaker	NO
THD	< 0.1%
Number of chairmen	100Units
Sensitivity	(-45dB±1.5dB)
Boom Length	415mm
Operating Voltage	24V DC±5%
Operating current	20mA ±5%
Connection	Conference cable
Battery capacity	5200mAh
Discuss	√
Color	Silver gray
Net Weight	0.75kg
Size	166*109*128mm （Excluding Boom)
Installation	Desktop

Functions and Features:

1. High-definition 2.4-inch IPS full-color display screen, volume level, microphone status, current time and date display, speech time display, support speech timing, timing speech, signal strength and battery power and other information are clearly displayed.
2. The microphone adopts 48kHz sampling rate, which can display the customer's full-color national emblem. It only takes 5 seconds for the microphone to start and connect.
3. It has the function of intelligent fault detection, prompting users for AP faults, host communication faults, low signal strength, etc.
4. It has simple TYPE-C setting SSID and password functions to ensure that the wrong AP will not be connected when expanding the system.
5. It has the functions of speaking timing and timing speaking.
6. Adjust the voice control sensitivity and set the closing time through the PC software.
7. With 5-segment EQ adjustment function, it can adjust the different sound effects of all microphones as a whole until the perfect effect is achieved.
8. Support sign-in function, set and initiate sign-in through PC software.
9. Adopt 128-bit AES encryption technology, support WPA/WPA2 wireless security technology, prevent eavesdropping and unauthorized access, and provide higher confidentiality of the conference system.
10. Using wireless transmission technology, the battery is detachable and supports "hot swapping" of the battery, which does not affect normal meeting use.
11. The chairman has a priority function, which can turn off the microphones of all representatives who are speaking.
12. It has a feedback suppression function inside, which can effectively prevent howling.
13. Built-in lithium battery, the battery capacity supports 16 hours of continuous speech (optional two groups).
14. It has a 3.5mm stereo headphone jack and a USB expansion interface
15. Support TYPE-C port for upgrade program and support 18W fast charging.

Technical Parameters
1. Microphone type: Cardioid directional electret
2. Frequency response: 80Hz~16KHz
3. Microphone input impedance: 1KΩ
4. Sensitivity: -45±1.5dB (0dB=1V/Pa, at 1KHz)
5. Maximum SPL: 100dB (THD>3%)
6. Signal-to-noise ratio: >80dB(A)
7. Crosstalk: >70dB
8. Dynamic range: >80dB
9. THD: <0.1%
10. Maximum power consumption: 1.5 W

11. Power supply mode: 18650 lithium battery power supply
12. Charging method: connect the charging box to charge through the TYPE-C interface
13. Color: silver gray
14. Sign-in function: touch the button to sign in
15. Display: 2.4 inches
16. Size (LxWxH): 166*109*128mm
17. Installation method: desktop
18. Wireless frequency range: 5.15GHz~5.85GHz
19. Battery capacity: 5200mAh
20. Weight: 0.75Kg
21. Working hours in speech mode: 8 hours or 16 hours
22. Microphone length: 415mm