



Feature:

1. Made of integrated all-aluminum alloy material to build a 1U chassis, the overall structure is exquisite and detailed
2. For the first time in the industry, it is equipped with an 11-inch color LCD display, which can display product information in detail and enhance the overall user experience
3. Adopt new digital wireless communication technology, combined with independently developed encryption algorithms, to effectively prevent frequency channeling and improve anti-interference capabilities
4. Use advanced wireless frequency band management technology to rationally plan the use of frequency points and significantly reduce potential mutual interference between frequency points
5. Built-in high-quality switching power supply, wide voltage stabilization range, high efficiency, low energy consumption and anti-interference, ensuring stable operation of the equipment
6. Adopt a convenient and intuitive shuttle knob design to replace the traditional complex button operation mode and simplify the operation process
7. Supports a variety of gesture operations, enabling contactless operation and control of the receiver
8. True diversity receiving host system, each channel adopts the dual receiving mechanism of channel diversity and antenna diversity to maximize the elimination of receiving dead spots and ensure the continuous stability and reliability of signal reception
9. Supports one-click screen lock to prevent misoperation. The device will automatically enter the screen saver state after no operation, improving the aesthetics of the product
10. The antenna interface integrates 9V voltage supply capability, which can directly connect and drive the active high-gain antenna without additional power supply, improving signal capture performance
11. Supports infrared frequency binding and can be paired with handheld microphones, bodypack microphones, and wireless conference microphones
12. Supports the channel color label function and matches the color indicator light on the microphone. Users can intuitively identify the corresponding connected receiver channels through the indicator lights of different colors on the microphone, achieving simple and efficient channel identification and management
13. Supports the transmit power adjustment function, allowing users to flexibly adjust the transmit power of the transmitter according to actual application scenarios and distance requirements, ensuring the best balance between signal coverage and energy consumption
14. Clear sound quality transmission supports perfect restoration of speech: up to 96kHz sampling rate is supported, and 32kHz/48kHz/96kHz sampling rate is optional
15. Supports real-time spectrum display system, which can display frequency signal strength within the frequency band in real time
16. With automatic frequency scanning function, you can find clean and interference-free frequency points with one click
17. Audio effect adjustment function: reverberation effect mode and feedback suppression mode can be turned on
18. Support scene preset function: optional conference mode, singing mode, handheld mode and custom mode
19. Support intelligent mute mode: optionally turn on the channel mute after 0/5/10 seconds when there is no speech, and automatically turn off the mute function when speaking

20. The system interface supports bilingual display in Chinese and English
21. Supports access to FT-Designer platform: built-in network audio transmission function, built-in DSP function, supports single-channel/mixing mode output (for debugging or subsequent monitoring)
22. By connecting to the MBP series network audio ecosystem through FT-Designer, wireless microphones, conference systems, power amplifiers, speakers, processors and other equipment can be connected to the entire network to achieve unified audio scheduling management
23. 4 channels of network output, which can independently adjust gain, phase, mute, dynamics, delay, equalization, mixing, routing, labeling and other functions
24. Support central control: volume adjustment, frequency switching, mode switching and other operations can be controlled

Specification:

Modulation method	pi/4 DQPSK digital wireless technology
Diversity principle	channel + antenna dual diversity reception, intelligent switching, no human intervention required
Frequency range	660.05-685.05MHz
Number of frequency points	51 (default), high-density mode can be customized, supporting more than 200 frequency points
Signal-to-noise ratio	≥98dBA
Frequency response	20-20KHz
Total harmonic distortion	≤0.5%
Output impedance	200 ohms (analog single/mixed output)
Number of analog output interfaces	4 Phoenix terminal single outputs + 1 XLR mixed output
DSP partition control module	
Network F-LAN output signal	four channels
Maximum input level	12dB
Maximum output level	12dB
Input and output gain	1: 1
Output gain control	-60-12dBu
Gain control step	1dBu
Antenna interface	SMA interface
Number of antenna interfaces	9
Antenna power supply voltage	9V
Number of channel custom colors	8 (green, red, blue, orange, blue-green, lavender, dark purple, none)
Number of scene modes	6 (3 factory presets + 3 customized)
Sampling rate	32K/48K/96K optional
Intelligent mute optional opening time	0S/5S/10S
Display language	Chinese/English
Audio output interface	XLR male (mixed analog output), Phoenix terminal (single analog output), RJ45 interface (network single/mixed output)
Receiving distance	180m (open space without interference)
Power input	100-240V~0.75A 50/60Hz
Shell material	aluminum alloy
Size	440*313*44mm (length*width*height, excluding ear hooks)