



## Feature:

1. This system uses ultra-wide frequency band UHF668MHz~698MHz, which is suitable for conferences in complex environments
2. Intelligent antenna diversity reception This machine adopts a one-to-eight true diversity antenna design to improve the effective signal reception range and stability
3. This system is a digital communication product, using self-developed digital coding technology and DQPSK modulation technology. Compared with common analog communication products on the market, it has many incomparable advantages, such as:excellent frequency response characteristics, phase shift characteristics, anti-interference, anti-channeling, etc
4. This system uses high-precision phase-locked loop frequency synthesis PLL technology
5. This system has [IR] infrared automatic frequency matching function, and the transmission and reception can be automatically matched with one button
6. The frequency response attenuation of this system in the frequency range of 20~20KHz is less than 2dB, which can provide users with nearly lossless audio wireless transmission
7. Multi-channel and multi-functional professional functions can be realized in one system
8. This system has excellent stability, no frequency drop and no interruption in transmission, which is suitable for conferences in complex environments
9. This system uses this product with LED screen to display various parameters
10. The audio output of this system is equipped with XLR balanced socket output
11. This system product provides a total of 40 adjustable frequency points
12. According to customer needs, it can be equipped with wireless handheld, wireless waist pack and wireless desktop high-quality microphones of the same brand

## Specification:

Transmission frequency band (Hz)	668~698M
Communication mode	DQPSK modulation

Frequency response deviation & phase deviation	20~20KHz, frequency response deviation <2dB, phase deviation 30°-60°
Signal transmission distance	110M
Number of frequency points	48
Comprehensive T.H.D	<0.6%@1KHz
Comprehensive S/N ratio	>105dB
Transmission delay	4.0ms
Power supply	12V
Microphone parameters	
Microphone pole style	Summit version high-quality microphone pole
Pickup microphone capsule	14mm diameter gold-plated condenser microphone capsule
Directional characteristics	supercardioid
Sensitivity	-28 dB
Frequency response	30Hz-18KHz
Input impedance	2.2KΩ
Maximum sound pressure level	130 dB (THD<3%)
Equivalent noise	25 dB-A
Antenna thread mode	Microphone built-in professional antenna
Carrier frequency band	UHF522MHz~651 MHz
Oscillation mode	PLL frequency synthesis technology
Harmonic radiation	45dBm or more lower than the main wave
Bandwidth	32MHz
Maximum deviation	±45KHz
RF power output	10mW/40mW
Power supply	3000mAh lithium-ion polymer battery
Speaking time	>24h