



Recommend the latest ER-102 professional wireless monitoring system, it uses UHF signal transmission, has Bluetooth function, can connect multiple bodypack receivers for wireless monitoring, with high-fidelity HIFI headphones, used for recording studios, stage performances, classroom teaching, conferences speech, etc.

## ER-102 MONITOR SYSTEM PARAMETERS

### RECEIVER SPECIFICATIONS

Frequency range: 530-580MHz / 640-690Mhz, subject to the actual product

Signal transmission range: 300m (in an open environment)

Receiving mode: Super heterodyne double-conversion

Frequency vibration: PLL lock loop

Wireless delay rate: 3ms

Sensitivity: -93 dBm

Audio output: XLR balance output: 0~500mV  
/  $\phi$ 6.35 unbalance output: 0~500 mV

Rated power consumption: 3W

### TRANSMITTER SPECIFICATIONS

Modulation Method:  $\pi/4$ -DQPSK / 640-690Mhz, subject to the actual product

Frequency Range: 530-580MHz, 1x100CHs

(For some specially customized products, please refer to the actual frequency range for display.)

(Please refer to the actual product for the frequency of some orders)

Sampling Ratio: 48KHz

Transmission Rate: 204.8Kbps

Dynamic Range: > 90dB

Total Harmonic Distortion: < 0.1%

Delay Time of Audio Transmission: < 3ms

S/N Ratio: > 96dB

Frequency Response: 30 ~ 20Khz

RX Sensitivity: < -94dBm

## Some tips to improve the performance of the system

- The transmitter and antenna should kept in the relative position of accessibility of the straight line.
- Don't put the receiver close to the radio wave emission source, with magnetic objects or most digital devices(such as the CD player, computer, speaker, wifi etc ).
- Try to place the receiver in height of 1.5 meters from the ground and the position of a distance of 1 meter away from the wall.