True Diversity Wireless Lavalier Microphone
FTWM32R

Feature:

1. Clip-on wireless microphone, professional design style
2. High contrast display:can display frequency, frequency number, group number, battery power, transmission signal strength, mute status and other information
3. Adopt true diversity - antenna diversity + chip diversity receiving circuit design to ensure effective distance without interruption and eliminate signal dead spots
4. With automatic frequency scanning function, one-click to find clean and interference-free frequency points for use
5. Unique digital ID code pilot technology, ID random code up to 16 bits, completely solve the same frequency crosstalk phenomenon
6. Built-in 30 groups of frequencies, each group of 8 frequencies, greatly reducing the difficulty of debugging
7. Support transmission power adjustment, which can be adjusted as needed
8. Automatic lock screen function to prevent misoperation
9. Multiple audio output interfaces, select the interface to output audio signals as needed:6.3 unbalanced socket output supports mixed output and single-channel output, XLR balanced socket output supports single-channel output

Specification:

Receiver parameters	
Carrier frequency band	UHF630.00-659.60MHz
Number of frequency points	240
Frequency switching	infrared synchronization
Frequency stability	<±30ppm
Dynamic range	>90dB
Harmonic distortion	<0.5%
Audio output	400mV
Frequency response	40Hz~20KHz±3dB
Mix type	400mV
Power consumption	<6 WATT

Signal-to-noise ratio	>90dB
False image interference ratio	>100dB
Adjacent channel interference ratio	>80dB
Receiver sensitivity	>17dBuV (SINAD=40dB)
Audio output interface	1x6.3mm mixed output, 2x6.3mm single output, 2xXLR single balanced output
Antenna interface	TNC (threaded port)
Power supply	DC13.5V/1A
Collar microphone parameters	
Transmitter power	30mW
Modulation mode	FM
Maximum modulation	40KHz
Higher harmonics	<-60dB
Power supply voltage	3V (2 1.5V AA batteries)
Continuous use time	about 6 hours