



# UHF-EXT500

External Wireless Microphone Platform



## TECH SPECS

- UHF 540 ~ 570 MHz wireless frequency range
- PLL Synthesized wireless microphone system
- Over 100 dB of dynamic range

## FEATURES

- 700 selectable channels
- Manual, preset, and automatic frequency scan function
- Built-in talk/mute button on handheld mic and belt pack



### WR-EXT500 Receiver Technical Specifications

Receiver	
Frequency Range	UHF 540 ~ 570 MHz (Regionally Selected)
Case	Half 19" EIA Rack Metal Case
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100 dB, at 200 KHz deviation and 60 dBμV antenna input
Image & Spurious Rejection	70 dB minimum
Receiving Sensitivity	At 2μV over 52 dB S/N ratio
AF Response	80 Hz to 18 KHz
T.H.D.	<1% (at 1 KHz)
IF Frequency	1st: 243.95 MHz 2nd: 10.7 MHz
Dynamic Range	>100 dB
Tone Signal	32.768K Hz
Audio Output	Balanced & Unbalanced
Power Supply	DC 12V
Current Consumption	260 ± 10 mA
Dimensions and Weight	
Total (HWD)	1.65" x 7.9" x 7.2" (4.2 x 20 x 18.3 cm)
Weight	2.05 lbs / 0.93 Kg

### WH-EXT500/WB-EXT500 Handheld/Belt Pack Technical Specifications

Handheld/Belt Pack Transmitter	
Frequency Range	UHF 540 ~ 570 MHz (Regionally Selected)
Channel Select	SYNC with Receiver
Display	LCD displays status, channel, or battery
RF Power Output	10mW (max.)
Frequency Stability	± 0.005%
Spurious Emission	>60 dB below carrier frequency
Belt Pack Gain Setting	:0 dB, -10 dB, -20 dB (3 settings)
Handheld Mic	Uni-Direction dynamic capsule
Belt Pack:	TA4F Plug
Battery	1. DC2.4V (1.2V x 2 AA size rechargeable batteries) 2. DC3V (1.5V x 2 AA size batteries)
Current Consumption	120 ± 10 mA
Dimensions and Weight	
Total (HW)	Handheld: 10.2" x 2.1" (26 x 5.4 cm)
Total (HWD)	Belt Pack: 3.8" x 2.5" x .95" (9.7 x 6.5 x 2.4 cm)
Weight	Handheld: 0.52 lbs / 0.234 Kg
Weight	Belt Pack: 0.19 lbs / 0.086 Kg



(Features & Specifications Subject to Change Without Notice)