

## DL-UHW800B Wireless Handheld Microphone



## ✓ Product Overview

The DL-UHW800B is a high-performance UHF wireless system designed for professional audio applications, delivering crystal-clear sound, robust connectivity, and reliable operation. Built for performers, presenters, and installations, it combines ease of use with advanced wireless technology for uninterrupted performance.

At the heart of the system, the DL-UHW800 Receiver offers frequency-agile UHF operation with 100 selectable channels, ensuring reliable wireless performance even in congested RF environments. Setup is quick and effortless, thanks to 1-touch auto-scan for the clearest available frequency and infrared sync to instantly pair transmitters with the receiver.

For reliable and interference-free audio, the system employs tone-key with auto-mute technology, ensuring that only the transmitter's signal is passed through and muting audio automatically if interference is detected.

The DL-UHW800B system is available in versatile configurations:

- Handheld System: Featuring the handheld transmitter with a dynamic cardioid microphone capsule, delivering professional-grade vocals and speech clarity.
- Beltpack System: Featuring the beltpack transmitter, compatible with headset microphones, lavalier microphones, or a 1/4" instrument cable, providing flexibility for performers, presenters, and musicians.
- Rackmount Ready: Includes a standard 19" rackmount kit, making it ideal for both portable setups and permanent AV installations.

With an operating range of up to 100 meters (line-of-sight), wideband frequency options, and up to 8 hours of battery life on standard AA batteries, the DL-UHW800B Wireless System is engineered for professionals who demand reliability, superior audio quality, and flexibility.

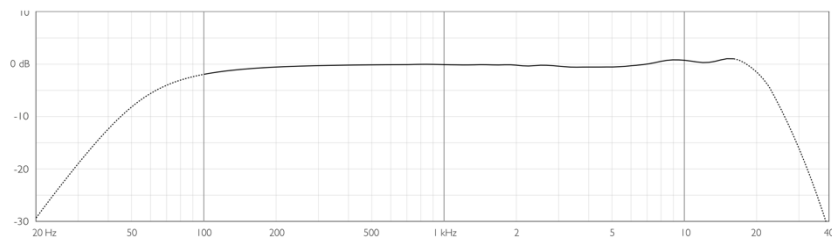
## DL-UHW800B Wireless Handheld Microphone

## Technical Parameter

Specification	Details
Working Range	300' (100m) line of sight
Audio Frequency Response	50 Hz – 15 kHz
T.H.D. (Overall)	<1% (@AF 1 kHz, RF 46 dBu)
Dynamic Range	>100 dB A-weighted
Signal to Noise	>90 dB
Operating Temperature	–10°C (14°F) to +60°C (+140°F)
Tone Key Frequency	35 kHz
Operating Bands and Frequency Ranges	
K	470 – 494 MHz
D	542 – 566 MHz
IL	794 – 806 MHz
B	806 – 810 MHz
G	863 – 865 MHz
Beltpack Transmitter	
Input Connector	XLR (P3)
Input Impedance	1M $\Omega$
Input Gain Range	38 dB
RF Power	10 mW EIRP
Power Requirements	Two AA (LR6) alkaline batteries
Battery Life	8 hours
Dimensions (HxLxD)	3.75" x 2.44" x 0.75" (96mm x 62mm x 18.5mm)
Weight	0.2 lb / 93 g
Handheld Transmitter	
Microphone Element	Dynamic Cardioid
Microphone Output	Balanced XLR output.
Input Gain Range	28 dB
RF Power	10 mW EIRP
Power Requirements	Two AA (LR6) alkaline batteries
Battery Life	8 hours
Dimensions (HxØ)	10.23" x 2.1" (260mm x 54mm)
Weight	0.48 lb / 218 g
Receiver	

Receiver Type	True Diversity
Receiver Output	Balanced XLR / unbalanced (1/4" jack)
Audio Output Level – Unbalanced	+14 dBu
Audio Output Level	+9 dBu
Audio Output Impedance	810 $\Omega$
Audio Output Impedance	240 $\Omega$
Sensitivity	-100 dBm / 30 dB sinad
Image Rejection	>50 dB
Operating Voltage	15 VDC 200mA
Dimensions (LxWxH)	8.25" x 4.9" x 1.75" (210mm x 125mm x 44mm)
Weight	0.88 lb / 400 g

**Frequency response**



**Polar pattern**

