COMPONENT SPECIFICATIONS ULXD2 WIRELESS HANDHELD TRANSMITTER

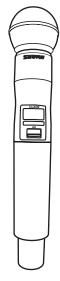
OVERVIEW

The Shure ULXD2 is a handheld wireless transmitter compatible with ULX-D $^{\odot}$ Digital Wireless Systems. Offering premium 20 Hz - 20 kHz audio quality, advanced rechargeability options, and a wide selection of interchangeable Shure microphone heads, the ULXD2 delivers uncompromising wireless performance for professional sound reinforcement applications. The ULXD2 is offered with SM58 $^{\circ}$, SM86, SM87A, Beta 58A $^{\circ}$, Beta 87A, and Beta 87C.

- 20 Hz to 20 kHz range with flat frequency response (actual response is microphone dependent)
- · AES 256-bit encryption-enabled for applications where secure transmission is needed
- · >120 dB dynamic range
- · 1, 10, and 20 mW selectable RF output power
- 5 segment battery fuel gauge
- Shure lithium-ion rechargeable battery pack provides up to 9 hours of battery life, precision metering, and zero memory
 effect
- Up to 8 hours continuous use with 2 x AA batteries
- · Backlit LCD with easy to navigate menu and controls
- · Available with TA4M and LEMO3 input connectors
- · 100 meter (300 ft) operating range
- · Rugged metal construction
- · Frequency and power lockout

SPECIFICATIONS (SUBJECT TO CHANGE)

Gain Offset Range	0 to 21 dB (in 3 dB steps)
Battery Type	Shure SB900A Rechargeable Li-Ion or LR6 AA batteries 1.5 V
Battery Runtime @ 10 mW	Shure SB900A: up to 9 Alkaline: 8 hours See Battery Runtime Chart
Dimensions	256 mm × 51 mm (10.1 in. × 2.0 in.) L × Dia. V50, V51 Bands: 278 mm × 51 mm (10.9 in. × 2.0 in.) L × Dia.
Weight	340 g (12.0 oz.), without batteries V50, V51 Bands: 348 g (12.3 oz.), without batteries
Housing	Machined aluminum
AUDIO INPUT	
Configuration	Unbalanced
Maximum Input Level 1 kHz at 1% THD	145 dB SPL (SM58), typical Note: Dependent on microphone type
Preamplifier Equivalent Input Noise (EIN) System Gain Setting > +20	120 dBV, A-weighted, typical
RF OUTPUT	
Antenna Type	Integrated Single Band Helical
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Proprietary Digital
Power	1 mW, 10 mW, 20 mW See Frequency Range and Ouput Power table, varies by region



ULXD2 Wireless Handheld Transmitter

(See shure.co	·
WL93	WL93 condenser capsule, omnidi- rectional lavalier mic
WL183	WL183 condenser capsule, omnidi- rectional lavalier mic
WL184	WL184 condenser capsule, super- cardioid lavalier mic
WL185	WL185 condenser capsule, cardioid lavalier mic
WL50	WL50 condenser capsule, omnidi- rectional lavalier mic
WL51	WL51 condenser capsule, cardioid lavalier mic
SM31FH	SM31FH condenser capsule, mois- ture repellant cardioid headset mic
SM35	SM35 condenser capsule, cardioid headset mic
WCM16	WCM16 condenser capsule, hyper- cardioid headworn mic
WBH53	WBH53 condenser capsule, omnidi- rectional headworn mic
WBH54	WBH54 condenser capsule, super- cardioid headworn mic
WB98H/C	WB98H/C condenser capsule, cardioid instrument clip mic

