



Shure ULX-D® Digital Wireless Systems offer efficient RF performance, networked control, Dante™ digital audio, and AES-256 encryption for professional sound reinforcement.

- Transmitter form factors include handheld and body pack; receiver options include single-, dual-, and quad-channel
- Power options include Shure SB900 Lithium-Ion rechargeable battery, as well as standard AA batteries
- Up to 64 MHz overall tuning bandwidth (region dependent)
- Up to 47 active transmitters in one 6 MHz TV channel (63 in one 8 MHz TV channel) in High Density mode
- Custom VER packaging and shipping road cases

SINGLE, DUAL AND QUAD CHANNEL

SHURE SB900 LITHIUM-ION BATTERY

ALSO USES AA BATTERIES

UP TO 64 MHz TUNING BANDWIDTH

AES-256 ENCRYPTION

VER-DESIGNED ROAD CASES

ULX-D® System Specifications

RF Carrier Range	470-932 MHz, varies by region (See Frequency Range and Output Power table)
Working Range	100 m (328 ft) Note: Actual range depends on RF signal absorption, reflection and interference.
RF Tuning Step Size	25 kHz, varies by region
Image Rejection	>70 dB, typical
RF Sensitivity	-98 dBm at 10 ⁻⁵ BER
Latency	<2.9 ms
Audio Frequency Response	ULXD1: 20 Hz – 20 kHz (±1 dB) ULXD2: 30 Hz – 20 kHz (±1 dB) Note: Dependent on microphone type
Audio Dynamic Range	XLR Analog Output: >120 dB, A-weighted
System Gain @ +10	Dante Digital Output (Dual and Quad receivers): 130 dB (typical), A-weighted
Total Harmonic Distortion	<0.1%
-12 dBFS input, System Gain @ +10	
System Audio Polarity	Positive pressure on microphone diaphragm produces positive voltage on pin 2 (with respect to pin 3 of XLR output) and the tip of the 6.35 mm (1/4-inch) output.
Operating Temperature Range	-18°C (0°F) to 50°C (122°F) Note: Battery characteristics may limit this range.
Storage Temperature Range	-29°C (-20°F) to 74°C (165°F) Note: Battery characteristics may limit this range.

Frequency Range

Band	Range (MHz)	Transmitter Output (mW)
G50	470 to 534	1/10/20
G51	470 to 534	1/10/20
G52	479 to 534	1/10
H51	534 to 598	1/10/20
H52	534 to 565	1/10
J50	572 to 636	1/10/20
K51	606 to 670	1/10
L50	632 to 696	1/10/20
L51	632 to 696	1/10/20
P51	710 to 782	1/10/20
R51	800 to 810	1/10/20
JB (Tx only)	806 to 810	1/10
AB (Rx and Tx)	770 to 810	"A" band (770.250-805.750): 1/1 "B" band (806.125-809.750): 1
Q51	794 to 806	1/10/20
X50	925 to 932	1/10
X52	902 to 928 (All America's except Brazil)	0.25/10/20
X53	902 to 907.500, 915 to 928 (Brazil)	0.25/10/20
X54	915 to 928 (Australia)	0.25/10/20



Furnished Accessories

All Systems	
PS41US*	Power supply
95T9279*	1/2 Wave Receiver Antenna (2)
95K2035	2' BNC Cable (2)
98A8994	BNC Bulkhead Adapter (2)
90AZ8100	Rackmount Hardware kit
95A16941	5' ethernet cable
80B8201	2 x AA batteries (bodypack systems)
Handheld Systems	
95T9279	Microphone Clip (handheld systems)
95B2313	Handheld Zipper Bag (bodypack systems)
Bodypack Systems	
95G9043*	Bodypack Antenna
95A2313	Bodypack Zipper Bag (bodypack systems)

*region specific part # (US part listed)



VER is your global resource for
Production Equipment, Support
and Creative Solutions

USA | Canada | Europe

USA and Canada: **800.794.1407**

Europe: **+44 (0) 20 8445 0267**