



Shure Dual ULX-D4D Digital Radio System, 2 x Beta58 mics

Shure ULX-D™ Digital Wireless offers uncompromising 24-bit audio quality and RF performance, with intelligent, encryption-enabled hardware, flexible receiver options, and advanced re-chargeability options for professional sound reinforcement. The Shure ULXD4D Dual Channel Digital Wireless Receiver offers two channels of uncompromising audio quality, RF signal stability and efficiency, and advanced setup features in a single rack unit. Rugged, yet lightweight and compact, the all-metal chassis houses two independent receivers, each with its own audio and RF meters, gain control, and receiver outputs that can be either direct or summed for flexible signal routing.



Physical

Size of Unit	480 x 230 x 50mm (Receiver) 250 x 60mm (Transmitter)
Item Weight	0.35kg (Transmitter)
Size of Unit Cased	600W x 530D x 180H mm
Cased Weight	3RU Rack Sleeve - 15.65kg
Quantity in Case	1-3 (in 3RU Sleeve – Max 3 Units per sleeve)

Electrical

Rated Power	N/A
Input Power	100 to 240 V AC, 50-60 Hz, 0.26 A max
Power connection	IEC
Phantom power	Yes, to interchangeable mic capsule from ULX D1/D2 (D1 = Bodypack, D2 = Hand Held Transmitter)

Mounting Options

Mic Clip	Yes
Desk Stand	No
Lectern	No
Rack Mountable	No

Outputs

Type	2x XLR Output
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Connections

2x XLR Output (mic or line)
 2x 6.5mm TRS output
 2x RJ45 Ethernet port (DANTE capable)
 2x 50Ω BNC antenna inputs
 2x 50Ω BNC antenna cascade outputs (max 1 extra unit)

Parameters – ULX-D Receiver

Radio Frequency Band	L51 (632-696 MHz)
Working RF range	Up to 100m from TX (unobstructed line of sight)
Latency	<2.9ms (A/D > D/A TX>RX)
Impedance	1 MΩ
Transmitter bandwidth	<200kHz
Modulation type	Shure Proprietary Digital
Antenna type	1/2 wave dipole x 2
Diversity	Yes
RF Tuning step size	25kHz
Receiver output gain	1/4" TRS: +18dB, XLR line: +24dB, XLR mic: -6dB
RF sensitivity	-98 dBm at 10(-5) BER
Receiver channels	2

Parameters – ULX-D2 Transmitter

Radio Frequency Band	L51 (632-696 MHz)
Audio Frequency Response	Dependent on mic capsule
Working RF range	Up to 100m to RX (unobstructed line of sight)
Latency	<2.9ms (A/D > D/A TX>RX)
Transmitter bandwidth	<200kHz
RF Modulation type	Digital
Antenna type	Integrated single band helical
Battery life	9 hours @ 10mW
RF Power settings	1 / 10 / 20mW

Parameters – Beta 58A Capsule

Type Dynamic/Condenser	Dynamic (moving coil)
Frequency Response	50 to 16,000 Hz
Polar Pattern	Supercardioid
Sensitivity	-51 dBV/Pa (2.8 mV)
Output Impedance	150 Ω
Connector	Screw thread connector to ULXD2 Transmitter

Accessories Included

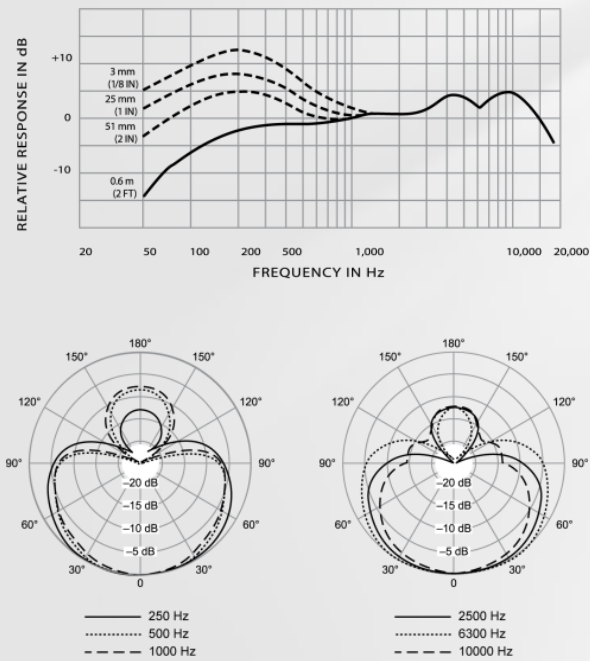
- Mic clip x2
- 2x UA8 626-698 MHz 1/2 wave dipole antennas
- Rack ears
- 2x 50 Ω RF patch cables
- IEC Cable

Compatibility

The ULXD4D receiver can be used to receive and decode digital audio in the L51 radio band, primarily the ULXD1 beltpack and ULXD2 Handheld transmitters. Able to be networked for wireless configurations and Dante Audio over Ethernet

Environmental

IP Rating	N/A
Cooling	N/A
Max Operating Temperature	N/A



Information Links

- Manufacturer Link [Receiver](#)
- Manufacturer Link [ULXD2 Transmitter](#)
- Data Sheet [User Manual](#)