SHURE

UNCOMPROMISING DIGITAL WIRELESS

ULX-D® DIGITAL WIRELESS

SHURE

GENERATIONS AHEAD

Shure ULX-D Digital Wireless offers uncompromising 24-bit audio clarity and extremely efficient RF performance with single, dual, and quad channel receivers for any size professional and installed sound reinforcement application. Scalable, intelligent hardware delivers uncompromising digital wireless performance, with a wide selection of trusted Shure microphones to choose from. And with the latest additions, the ULX-D boundary and gooseneck transmitters, two additional form factors – ideal for large meetings at conference and convention centers, or for AV conferencing where DECT spectrum is not an option – complement the range.

Unmatched spectrum efficiency enables a dramatic increase in the number of simultaneous active transmitters on one TV channel, with rock-solid signal over the entire range. Optional rechargeable accessories eliminate the need for disposable batteries while offering extended run time and metering accuracy in hours and minutes. For secure transmission, all ULX-D components include AES-256 encryption. Generations ahead of any other available system in its class, ULX-D brings a new level of performance to professional and installed sound reinforcement.

ADVANTAGES

BREAKTHROUGH TECHNOLOGIES

ULX-D® Digital Wireless represents an incredible advancement in wireless performance. Shure innovation brings to market new features and technologies that dramatically increase spectrum efficiency, dependability, and signal routing convenience.

SIGNAL STABILITY

The 24-bit / 48 kHz digital audio delivers incredibly clear and accurate capturing of source material. It offers a wide frequency range with flat response for superb low range and transient response.

TRANSPARENT 24-BIT DIGITAL AUDIO

Signal stability with no audio artifacts extends over the entire 100 meter (300 feet) line-of-sight range using standard supplied dipole antennas.

ADVANCED ENCRYPTION

The AES-256 encryption provides enhanced privacy – for installations where security is key. A new, unique, randomized encryption key is generated every time encryption is enabled.

NETWORKED CONTROL

Ethernet networking enables streamlined setup across multiple receivers, Wireless Workbench integration, frequency coordination via Axient Spectrum Manager, AMX® and Crestron Control® as well as Dante™ digital networked audio with full Dante Domain Manager (DDM) compatibility.

SCALABLE HARDWARE

ULX-D receivers are available in single, dual and quad channel configurations, along with a wide selection of Shure microphones to accommodate any size installation.

LITHIUM ION RECHARGEABILITY

Lithium Ion rechargeability provides up to 9 hours of use on a single charge, while displaying battery life in hours and minutes accurate to 15 minutes.

VARIETY OF FORM FACTORS

ULX-D bodypack and handheld transmitters provide complete mobility for presenters, while boundary and gooseneck base transmitters accommodate meeting rooms with flexible seating layouts. Boundary and Gooseneck Base transmitters are available in black and white.

HIGH DENSITY MODE

Optimizes the system by running at 1mW RF transmit power and reducing the modulation bandwidth. The result is nearly three times the number of useable frequencies, enabling up to 47 systems in an open 6MHz TV channel.

AUDIO SUMMING

(Dual/ Quad only)

Combining of selected audio channels to be routed to all selected outputs and allows the receiver to function as a 2 or 4 channel mixer. All XLR outputs of the selected channels provide the summed audio.

BODYPACK FREQUENCY DIVERSITY

(Dual/Quad only)

The signals from a common source via two bodypack transmitters with different frequencies are routed to receiver's audio outputs. In case of RF interference, switching between channels occurs in milliseconds, without interrupting the audio.

SOFTWARE

Dante™

Digital Audio Networking Over Ethernet

Dante Domain Manager DDM READY SUPPORTED PRODUCT

Dante is a total solution for transporting low latency uncompressed audio over standard IP Ethernet networks with sample accurate synchronization, automatic device discovery, and easy to use signal routing.

Send multichannel audio from ULX-D receivers to Dante-equipped mixers over a single ethernet cable

Dante Domain Manager (DDM) compatible for managing enterprise-wide Dante audio network deployments

Auto-discovery and easy audio networking with Dante Controller

Compatible with ULXD4D & ULXD4Q receivers

SYSTEMON

TOTAL COMMAND

Total Command of Shure Networked Audio Hardware

Shure SystemOn Audio Asset Management Software was developed for managing mission critical or large-scale deployments of Shure audio hardware, including ULX-D®, across corporate and higher education networks from one central platform. SystemOn tracks audio levels, battery life and RF/spectrum status in real time, enabling IT administrators and AV technicians to monitor and control Shure hardware devices remotely using a laptop, smartphone or tablet.

CHANNELS

SYSTEM INTERACTION

System Interaction over WiFi via iOS Devices

Command and control your wireless on the go and roam the performance space while monitoring key Shure wireless system parameters in real time from any iOS device.

Real-time, precision monitoring of critical device parameters, including:

RF level metering

Audio level metering

Transmitter battery level

Frequency Assignments with band, group and channel info

RF interference indicator

Encryption status

Frequency diversity status

WIRELESS WORKBENCH

COMPREHENSIVE CONTROL

Comprehensive Control for Shure Networked Wireless Systems

Shure Wireless Workbench® 6 software offers comprehensive control for networked Shure wireless systems and provides a rich interface to manage every facet of a performance over the network.

Perform real-time plotting of scan data from networked Shure scanning hardware in a rich graphical environment

Monitor and make live remote adjustments to frequency, audio level, RF muting and other equipment settings

Configurable interference and hardware alerts

Assign compatible frequencies to networked Shure wireless devices

Automatically calculate backup frequencies

ULXD4 DIGITAL WIRELESS RECEIVER

The Shure ULXD4 is a half-rack, networkable wireless receiver for use with ULX-D® Digital Wireless Systems.

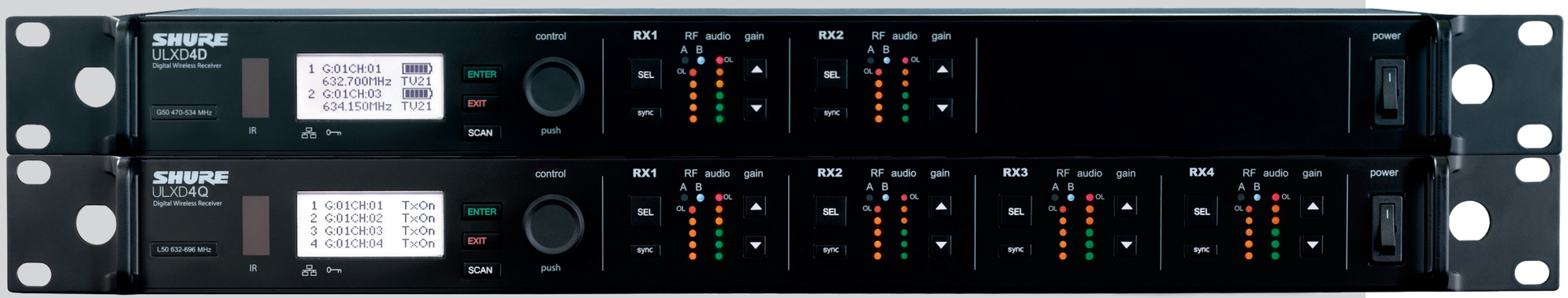
With an expansive set of professional features, including 24-bit / 48 kHz digital audio quality, efficient and intelligent RF performance, and AES 256-bit encryption, ULX Digital offers uncompromising wireless tailored for professional sound reinforcement.

ULXD4D DUAL & ULXD4Q QUAD CHANNEL DIGITAL WIRELESS RECEIVER

Shure ULXD4D Dual Channel Digital Wireless Receiver offers two / four 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 / four 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.

With RF cascade and two Ethernet ports, units easily can share RF signal and be networked together for simplified frequency coordination and deployment. For networked audio applications, Dante™ digital networking allows multiple channels of audio to be transmitted and received over a single Ethernet cable. When more compatible frequencies over shorter distances, High Density mode can be enabled to dramatically increase the number of available open frequencies.

With the suite of features and benefits ULX-D® Digital Wireless Systems offer, the ULXD4D and ULXD4Q are truly generations ahead of any other dual / quad digital receiver in its class, and brings a new level of performance to professional sound reinforcement.



ULXD2 HANDHELD WIRELESS MICROPHONE TRANSMITTER

With an wide variety of interchangeable Shure microphone cartridges, the ULXD2 delivers uncompromising audio quality and RF performance, and AES 256-bit encryption for secure transmission.

The ULXD2 handheld offers over 9 hours of continuous battery life with Shure rechargeable battery or 8 hours with alkaline battery

Features:

AES 256-bit encryption for applications for which secure transmission is needed

Proprietary Shure Gain Ranging optimizes the system's dynamic range for any input source, eliminating the need for transmitter gain adjustments

Optional Shure SB900A lithium-ion rechargeable battery pack provides over 9 hours of battery life, precision metering in hours and minutes, and zero memory effect

External charging contacts for docked charging (with the SBC200 Dual Docking Charger)

Transmitter Mute Mode repurposes the On/Off switch into a mute switch, enabling audio muting while preserving RF channel presence

Backlit LCD with easy to navigate menu and controls

Rugged metal construction

Frequency and power lockout

COMPONENTS

ULXD1 BODYPACK WIRELESS MICROPHONE TRANSMITTER

With a rugged yet lightweight aluminum case, the ULXD1 delivers uncompromising audio quality and RF performance, AES 256-bit encryption for secure transmission, and advanced rechargeability options for professional sound reinforcement applications.

Features:

AES 256-bit encryption for applications requiring secure data transmission

Proprietary Shure Gain Ranging optimizes the system's dynamic range for any input source, eliminating the need for transmitter gain adjustments

Optional Shure SB900A lithium-ion rechargeable battery provides over 9 hours of battery life, precision metering in hours and minutes, and zero memory effect

External charging contacts for docked charging (with the SBC200 Dual Docking Charger)

Backlit LCD with easy to navigate menu and controls

Rugged metal construction

Detachable ¼ wave antenna

Frequency and power lockout

NEW

ULXD6 BOUNDARY WIRELESS MICROPHONE TRANSMITTER

The ULXD6 Boundary Microphone Transmitter offers a low-profile boundary form factor that is ideal for tabletop use at meetings and events where wired microphones are impractical. Paired with a ULX-D or QLX-D digital receiver, the ULXD6 creates a system with low latency, long transmission range, and high channel count, delivering exceptional performance in large meeting venues where live sound reinforcement is required.

COMPONENTS

ULXD8 GOOSENECK WIRELESS MICROPHONE TRANSMITTER

The ULXD8 Gooseneck Base Transmitter offers a flexible gooseneck mic form factor that is ideal for use at meetings and events where wired microphones are impractical. Paired with a ULX-D or QLX-D digital receiver, the ULXD8 creates a system with low latency, long transmission range, and high channel count, delivering exceptional performance in large meeting venues where live sound reinforcement is required.

NEW

GET FULLY CHARGED

WITH OPTIONAL RECHARGEABLE BATTERIES AVAILABLE FOR EVERY ULX-D DIGITAL WIRELESS TRANSMITTER, YOU'RE ALWAYS IN CONTROL. BATTERY LIFE CAN BE MONITORED REMOTELY DOWN TO THE MINUTE USING WIRELESS WORKBENCH OR SYSTEMON SOFTWARE, PROVIDING PEACE OF MIND FOR ANY LIVE EVENT, MEETING, OR PRESENTATION.

RECHARGEABILITY

SB900A

Rechargeable Battery

Rechargeable Lithium-Ion Battery for use with Shure wireless systems

SBC200

Dual Docking Charging Station

Compact and portable two-Bay charger holds two SB900A batteries or ULXD1 & ULXD2 transmitters

SBC450

4-Bay Networked Docking Station

4-Bay Networked Docking Station for ULXD6 & ULXD8 transmitters

SBC220

2-Bay Networked Docking Charger

Compact 2-Bay networked docking station charges SB900A battery ULXD1, and ULXD2, wireless transmitters.

SBC800

8-Bay Charging Station

Charges up to eight SB900A batteries.

SBC250

2-Bay Networked Docking Station

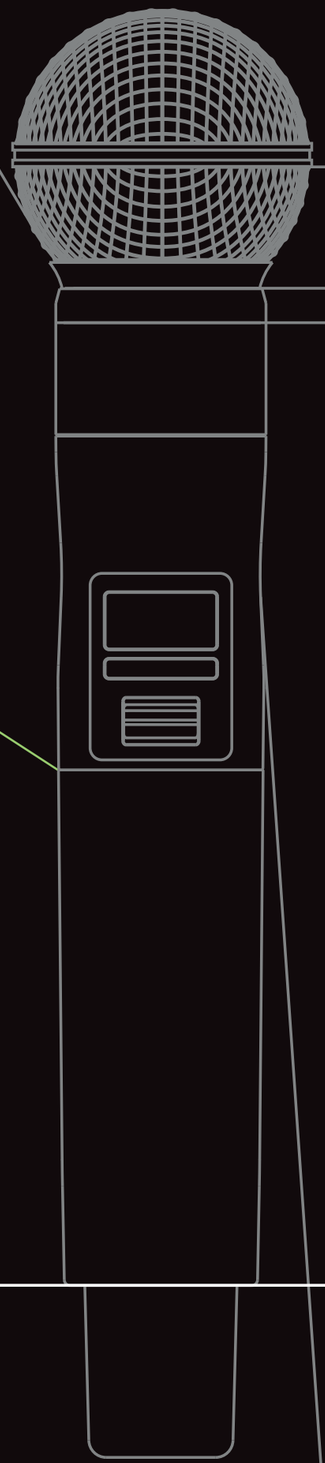
Compact 2-Bay docking station charges ULXD6 or ULXD8 transmitters. Can be rack-mounted or wall-mounted with optional URT3 Rack Tray.

SBC850

8-Bay Networked Docking Station

8-Bay Networked Docking Station for ULXD6 & ULXD8 transmitters

SHURE



SOUND
EXTRAORDINARY

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