

# QLXD2 Wireless Handheld Transmitter

## Overview

Featuring transparent 24-bit digital audio quality and incredibly efficient RF spectrum usage, the QLXD2 handheld transmitter is ideal for wireless vocals in presentation spaces, music venues, and houses of worship. Easy to use, the QLXD2 quickly syncs with a wireless receiver over IR at the push of a button and maintains clear, uninterrupted signal over its entire 100 m range. All metal construction ensures durability, and a wide selection of compatible microphone choices offer legendary Shure sound signatures.

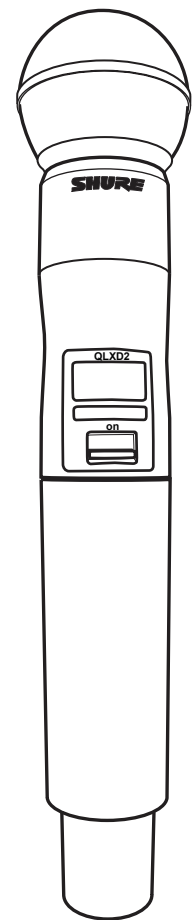
- 30 Hz to 20 kHz frequency range with flat response (actual response is microphone dependent)
- Interchangeable Shure microphone capsules, including the legendary SM58®
- AES 256-bit encryption for secure transmission
- Over 120 dB of dynamic range – no transmitter gain adjustment needed
- 1, 10 mW selectable RF output power
- Up to 9 hours continuous use with 2 x AA alkaline batteries
- Optional Shure SB900A lithium ion rechargeable battery provides up to 10 hours of continuous use and reports remaining runtime in hours and minutes
- External charging contacts for docked charging
- Backlit LCD with easy to navigate menu and controls
- Selectable display mode showing group/channel, frequency, or battery runtime
- 100 meter line-of-sight operating range
- Rugged metal construction
- Frequency and power lockout

## Product Specifications

<b>Mic Offset Range</b>	0 to 21 dB (in 3 dB steps)
<b>Battery Type</b>	Shure SB900A Rechargeable Li-Ion or AA batteries 1.5 V
<b>Battery Runtime</b> @ 10 mW	Shure SB900A: up to 10 hours Alkaline: up to 9 hours <i>See Battery Runtime Chart</i>
<b>Dimensions</b>	256 mm x 51 mm (10.1 in. x 2.0 in.) L x Dia.
<b>Weight</b>	347 g (12.2 oz.), <i>without batteries</i>
<b>Housing</b>	Machined aluminum
<b>Audio Input</b>	
<b>Configuration</b>	Unbalanced
<b>Maximum Input Level</b> 1 kHz at 1% THD	145 dB SPL (SM58), typical <i>Note: Dependent on microphone type</i>
<b>RF Output</b>	
<b>Antenna Type</b>	Integrated Single Band Helical
<b>Occupied Bandwidth</b>	< 200 kHz
<b>Modulation Type</b>	Shure proprietary digital
<b>Power</b>	1 mW or 10 mW <i>See Frequency Range and output power table, varies by region</i>

## Microphone Options

<b>QLXD2/SM58®</b>	Handheld Transmitter with SM58 Cartridge
<b>QLXD2/SM86</b>	Handheld Transmitter with SM86 Cartridge
<b>QLXD2/SM87A</b>	Handheld Transmitter with SM87A Cartridge
<b>QLXD2/BETA® 58A</b>	Handheld Transmitter with Beta 58A Cartridge
<b>QLXD2/BETA® 87A</b>	Handheld Transmitter with Beta 87A Cartridge
<b>QLXD2/BETA® 87C</b>	Handheld Transmitter with Beta 87C Cartridge
<b>QLXD2/KSM9</b>	Handheld Transmitter with KSM9 Cartridge



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