

Component Specifications

ADX2 ShowLink®-Enabled Handheld Transmitter

Overview

ADX2, like all ADX transmitters, sets the stage for exceptional performance, with wide tuning up to 184 MHz, interference protection, advanced rechargeability, streamlined design, and ShowLink remote control for real-time parameter adjustments right from the booth.

Features

- Durable, moisture-resistant, lightweight metal case
- Available in black or nickel finish
- Up to 9 hours of runtime with SB920 rechargeable batteries
- External contacts for docked charging with optional fully covered radome
- Diversity ShowLink enabled for remote transmitter control and automatic interference avoidance
- Two transmission modes: Standard for optimal coverage and new High Density for maximum system channel count and robust coverage
- Encryption-enabled, secure transmission

Specifications

Mic Offset Range	-12 to 21 dB (in 3 dB steps)
Battery Type	Shure SB920 Rechargeable Li-Ion
Battery Runtime @ 10 mW	Shure SB920: Up to 9 hours
Dimensions	254 mm x 51 mm (10.0 in. x 2.0 in.) L x Dia.
Weight	338 g (11.9 oz.), without battery
Housing	Cast Aluminum

Audio Input

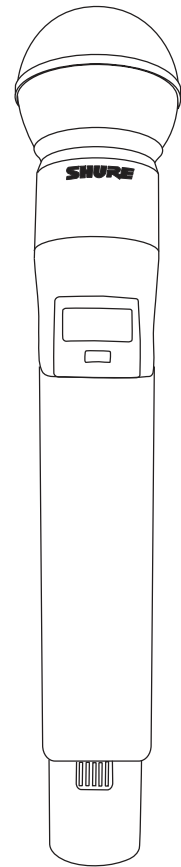
Configuration	Unbalanced
Maximum Input Level 1 kHz at 1% THD,	145 dB SPL, typical (SM58) <i>Note: dependent on microphone type</i>

RF Output

Antenna Type	Dual-Band Helical
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Axient Digital Proprietary
Power	2 mW, 10 mW, 20 mW, 40mW <i>Varies by Region; See Available Frequency Bands and Output Power table.</i>

ShowLink®

Network Type	IEEE 802.15.4
Antenna Type	ZigBee Dual Conformal
Frequency Range	2.40 to 2.4835 GHz (24 Channels)
RF Output Power <i>Varies by Region</i>	10 dBm (ERP)



ADX2
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Available Models

ADX2	Axient Digital ShowLink®-Enabled Handheld Transmitter
ADX2/B58A	...with Beta® 58A Supercardioid Dynamic Vocal Wireless Microphone Capsule
ADX2/B87A	...with Beta® 87A Supercardioid Condenser Vocal Wireless Microphone Capsule
ADX2/B87C	...with Beta® 87C Cardioid Condenser Vocal Wireless Microphone Capsule
ADX2/K8N	...with KSM8 Dualdyne™ Cardioid Dynamic Wireless Microphone Capsule (Nickel)
ADX2/K8B	...with KSM8 Dualdyne™ Cardioid Dynamic Wireless Microphone Capsule (Black)
ADX2/K9N	...with KSM9 Dual-Pattern Condenser Wireless Microphone Capsule (Nickel)
ADX2/K9HSN	...with KSM9HS Multi-Pattern Dual Diaphragm Condenser Wireless Microphone Capsule (Nickel)
ADX2/K9B	...with KSM9 Dual-Pattern Condenser Wireless Microphone Capsule (Black)
ADX2/K9HSB	...with KSM9HS Multi-Pattern Dual Diaphragm Condenser Wireless Microphone Capsule (Black)
ADX2/SM58	...with SM58® Cardioid Dynamic Vocal Wireless Microphone Capsule
ADX2/VP68	...with VP68 Omnidirectional Condenser Wireless Microphone Capsule

Available Frequency Bands

Band	Range (MHz)	Transmitter Output (mW)
G53	470 to 510	2/10/40
G54	479 to 565	2/10/20
G55	470 to 636*	2/10/40
G56	470 to 636	2/10/40
G57	470 to 616*	2/10/40
G62	510 to 530	2/10/40
H54	520 to 636	2/10/40
K53	606 to 698*	2/10/40
K54	606 to 663**	2/10/40
K55	606 to 694	2/10/40
K56	606 to 714	2/10/40
K57	606 to 790	2/10/40
K58	622 to 698	2/10/40
L54	630 to 787	2/10/40
R52	794 to 806	2/10/40
JB	806 to 810	2/10
X51	925 to 937.5	2/10
X55	941 to 960	2/10/40

*Note: Not all frequencies available in all regions. Contact your authorized Shure dealer for availability.
* with a gap between 608 to 614 MHz
** with a gap between 608 to 614 MHz and a gap between 616 to 653 MHz*

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Updated: 04/19

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