

ADX2FD DIGITAL WIRELESS SHOWLINK®-ENABLED FREQUENCY DIVERSITY HANDHELD TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Gain Offset Range	-12 to 21 dB (in 3 dB steps)
Battery Type	SB920A Rechargeable Lithium-Ion
Battery Run Time @10 mW	Single-Carrier Mode: up to 9 hours Frequency Diversity: up to 6.5 hours
Dimensions (L × Dia.)	10.0 × 2.0 in (254 × 51 mm)
Weight	11.9 oz (338 g) without battery
Housing	Cast Aluminum

AUDIO INPUT

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

Antenna Type	Integrated Dual-Band Helical
Occupied Bandwidth	<200 kHz
Channel-to-Channel Spacing	Standard Mode: 350 kHz High-Density Mode: 125 kHz
Modulation Type	Shure Axient Digital Proprietary
Power	Single Carrier Mode: 2 mW, 10 mW, 20 mW, 50 mW Frequency Diversity Mode: 2 × 20 mW <i>Varies by region. See Frequency Range and Output Power Table.</i>

Specific Absorption Rate (SAR)	<0.21 W/kg
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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 Varies By Region	10 dBm (ERP)

AVAILABLE MODELS

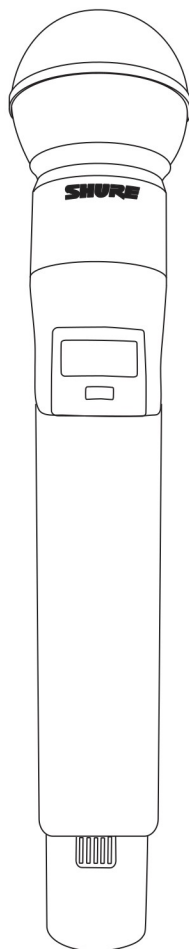
ADX2FD	Axient Digital Showlink®-Enabled Frequency Diversity Handheld Transmitter
ADX2FD/B58A	... with Beta® 58A Supercardioid Dynamic Vocal Wireless Microphone Capsule
ADX2FD/B87A	... with Beta® 87A Supercardioid Condenser Vocal Wireless Microphone Capsule
ADX2FD/B87C	... with Beta® 87A Cardioid Condenser Vocal Wireless Microphone Capsule
ADX2FD/K8N	... with KSM8 Dualdyne™ Cardioid Dynamic Wireless Microphone Capsule (Nickel)
ADX2FD/K8B	... with KSM8 Dualdyne™ Cardioid Dynamic Wireless Microphone Capsule (Black)
ADX2FD/K9N	... with KSM9 Dual-Pattern Condenser Wireless Microphone Capsule (Nickel)
ADX2FD/K9B	... with KSM9 Dual-Pattern Condenser Wireless Microphone Capsule (Black)
ADX2FD/K9HSN	... with KSM9HS Dual-Pattern Condenser Wireless Microphone Capsule (Nickel)
ADX2FD/K9HSB	... with KSM9HS Dual-Pattern Condenser Wireless Microphone Capsule (Black)
ADX2FD/K11N	... with KSM11 Cardioid Condenser Wireless Microphone Capsule (Nickel)
ADX2FD/K11B	... with KSM11 Cardioid Condenser Wireless Microphone Capsule (Black)
ADX2FD/SM58	... with SM58® Cardioid Dynamic Vocal Wireless Microphone Capsule
ADX2FD/VP68	... with VP68 Omnidirectional Condenser Wireless Microphone Capsule

OVERVIEW

ADX2FD, 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

- Ability to transmit RF signal on two discrete carriers
- Optional 50 mW High Power mode for driving increased power on a single frequency
- Durable, moisture-resistant, lightweight metal case
- Available in black or nickel finish
- Up to 6.5 hours of runtime with SB920A rechargeable batteries when transmitting on two RF carriers, Up to 9 hours of battery life when transmitting on a single RF carrier
- 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
 - New High Density for maximum system channel count and robust coverage
- Encryption-enabled, secure transmission



ADX2FD
Showlink®-Enabled Frequency Diversity
Handheld Transmitter

AVAILABLE FREQUENCY BANDS

Band	Range (MHz)	Transmitter Output (mW)	
		Single Carrier	Frequency Diversity
G53	470 to 510	2/10/50	2/10/20
G54	479 to 565	2/10/20	2/10/20
G55	470 to 636*	2/10/50	2/10/20
G56	470 to 636	2/10/50	2/10/20
G57	470 to 616*	2/10/50	2/10/20
G62	510 to 530	2/10/50	2/10/20
H54	520 to 636	2/10/50	2/10/20
K53	606 to 698*	2/10/50	2/10/20
K54	606 to 663**	N/A	
K55	606 to 694	2/10/50	2/10/20
K56	606 to 714	2/10/50	2/10/20
K57	606 to 790	2/10/50	2/10/20
K58	622 to 698	2/10/50	2/10/20
L54	630 to 787	2/10/50	2/10/20
R52	794 to 806	2/10/50	2/10/20
JB	806 to 810	N/A	
X51	925 to 937.5	2/10	2/10/20
X55	941 to 960	2/10/50	2/10/35

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*