

ADX1 DIGITAL WIRELESS SHOWLINK®-ENABLED BODYPACK TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Gain Offset Range	-12 to 21 dB (in 1 dB steps)
Battery Type	SB910 Rechargeable Lithium-Ion
Battery Run Time @10 mW	up to 10 hours
Dimensions (H x W x D)	3.6 x 2.7 x 0.8 in (91 x 68 x 19 mm)
Weight	5.0 oz (142 g) without batteries
Housing	Aluminum

AUDIO INPUT

Connector	4-Pin male mini connector (TA4M) LEMO3 Connector
Configuration	Unbalanced
Impedance	TA4M: 910 kΩ LEMO3: 8.2 kΩ
Maximum Input Level 1 kHz at 1% THD	Pad Off: 8.5 dBV (7.5 Vpp) Pad On: 20.5 dBV (30 Vpp)
Preamplifier Equivalent Input Noise (EIN)	-120 dBV A-weighted, typical
System Gain Setting	>20

RF OUTPUT

Connector	SMA
Antenna Type	UHF 1/4 Wave
Impedance	50 Ω
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Axient Digital Proprietary
Power	2 mW, 10 mW, 20 mW, 40 mW Varies by region. See Frequency Range and Output Power Table.
Specific Absorption Rate (SAR)	<0.20 W/kg

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

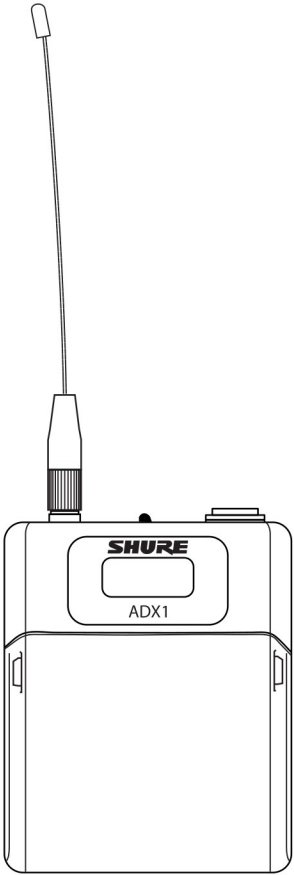
ADX1-TQG	Axient Digital Showlink®-Enabled Bodypack Transmitter, TA4M Connector
AD1-LEMO3	Axient Digital Showlink®-Enabled Bodypack Transmitter, LEMO3 Connector

OVERVIEW

ADX1, 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

- Removable antenna and fully concealed buttons and switch
- Two connector options: TA4 and LEMO3
- Advanced control menu with powerful features
- Durable, moisture-resistant* lightweight metal case
- Up to 10 hours of runtime with SB910 rechargeable batteries
- Diversity ShowLink enabled for remote transmitter control and automatic interference avoidance
- External contacts for docked charging
- Two transmission modes
 - Standard for optimal coverage
 - New High Density for maximum system channel count and robust coverage
- Encryption-enabled, secure transmission



ADX1
Showlink®-Enabled Bodypack Transmitter

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	2/10/40
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

