

AXIENT DIGITAL WIRELESS SYSTEMS



Incorporating the most innovative wireless audio technology in the world, Axient Digital was engineered from the ground up for professional productions that demand flawless execution.

With an unprecedented level of signal stability and audio clarity, plus flexible hardware options, advanced connectivity, and comprehensive control, it's a wireless system built to take on the challenges of today—and tomorrow.

RF PROTECTION

With outstanding signal quality in even the most complex, congested environments, Axient Digital ensures maximum stability, range, and clarity for uncompromising audio—anywhere, every time.

AUDIO QUALITY

Axient Digital defies limitations for both RF and audio quality. With industry-leading low latency, transparent frequency response, and wide dynamic range, nothing gets in the way of true, pure sound. No matter the setting, it's Shure audio quality you can count on

COMMAND & CONTROL

ShowLink® remote control, Wireless Workbench®, the ShurePlus™ Channels app, and networked battery monitoring provide unmatched control and insight for seamless performance.

HARDWARE & SCALABILITY

With two transmitter series to choose from—both compatible with a shared receiver platform—Axient Digital is a scalable wireless system that provides incomparable sound for a wide range of applications and settings.

SHURE

AD2 DIGITAL WIRELESS HANDHELD TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Gain Offset Range	-12 to 21 dB (in 1 dB steps)
Battery Type	SB900A Rechargeable Li-Ion or LR6 AA batteries 1.5 V
Battery Run Time @10 mW	Shure SB900A: up to 9 hours Alkaline: up to 8 hours
Dimensions (L x D)	10.1 x 2.0 in (256 x 51 mm)
Weight	12.0 oz (340 g) without batteries
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	1/4 Wave
Occupied Bandwidth	<200 kHz
Modulation Type	Shure Axient Digital Proprietary
Power	2 mW, 10 mW, 35 mW <i>Varies by region. See Frequency Range and Output Power Table.</i>
Specific Absorption Rate (SAR)	<0.19 W/kg

AVAILABLE MODELS

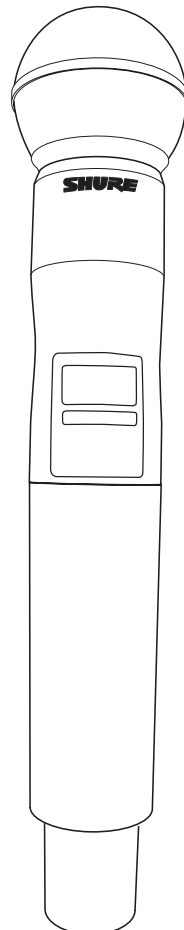
AD2	Axient Digital Handheld Transmitter
AD2/B58A	... with Beta® 58A Supercardioid Dynamic Vocal Wireless Microphone Capsule
AD2/B87A	... with Beta® 87A Supercardioid Condenser Vocal Wireless Microphone Capsule
AD2/B87C	... with Beta® 87A Cardioid Condenser Vocal Wireless Microphone Capsule
AD2/K8N	... with KSM8 Dualdyne™ Cardioid Dynamic Wireless Microphone Capsule (Nickel)
AD2/K8B	... with KSM8 Dualdyne™ Cardioid Dynamic Wireless Microphone Capsule (Black)
AD2/K9N	... with KSM9 Dual-Pattern Condenser Wireless Microphone Capsule (Nickel)
AD2/K9B	... with KSM9 Dual-Pattern Condenser Wireless Microphone Capsule (Black)
AD2/K9HSN	... with KSM9HS Dual-Pattern Condenser Wireless Microphone Capsule (Nickel)
AD2/K9HSB	... with KSM9HS Dual-Pattern Condenser Wireless Microphone Capsule (Nickel)
AD2/SM58	... with SM58® Cardioid Dynamic Vocal Wireless Microphone Capsule
AD2/VP68	... with VP68 Omnidirectional Condenser Wireless Microphone Capsule

OVERVIEW

AD series handheld transmitters deliver impeccable audio quality and RF performance with wide-tuning, High Density (HD) mode, and encryption. Features durable metal construction, AA or SB900A rechargeable power (with dockable charging), and black or nickel finish options.

FEATURES

- Two transmission modes:
 - Standard for optimal coverage
 - New High Density mode for maximum system channel count and robust coverage
- Encryption-enabled, secure transmission
- External contacts for docked charging
- AA or SB900A Li-ion rechargeable batteries
- Backlit LCD with easy-to-navigate menu and controls
- Low-profile, lockable power switch
- Available cartridges: KSM8, KSM9HS, Beta® 87A/87C, Beta® 58A, SM58®, VP68



AD2
Handheld Transmitter

AVAILABLE FREQUENCY BANDS

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

