

AD2 DIGITAL WIRELESS HANDHELD TRANSMITTER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Gain Offset Range	-12 to 21 dB (in 1 dB steps)
Battery Type	SB900B Rechargeable Li-Ion or LR6 AA batteries 1.5 V
Battery Run Time @10 mW	Shure SB900B: up to 8.5 hours Alkaline: up to 8 hours
Dimensions (L × D)	10.1 × 2.0 in (256 × 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	Integrated Single-Band Helical
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

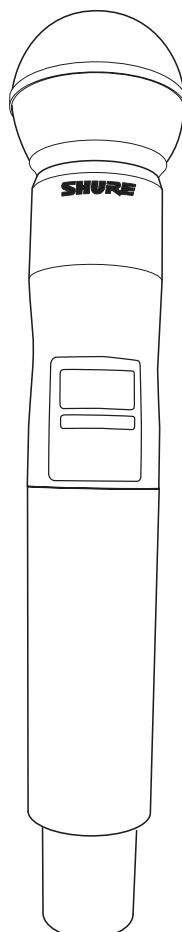
AD2	Axient Digital Handheld Transmitter
AD2/B58A	... with Beta® 58A Supercardioid Dynamic Vocal Wireless Microphone Capsule
AD2/B87A	... with Beta® 87A Supercardioid Con- denser Vocal Wireless Microphone Capsule
AD2/B87C	... with Beta® 87A Cardioid Condenser Vocal Wireless Microphone Capsule
AD2/K8N	... 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 Vo- cal 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 SB900B 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 SB900B 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