

AD4Q QUAD-CHANNEL DIGITAL WIRELESS RECEIVER

SPECIFICATIONS

(SUBJECT TO CHANGE)

Dimensions (H × W × D)	1,7 × 19,0 × 13,1 in (44 × 483 × 333 mm)
Weight	10,6 lb (4,8 kg) without antennas
Housing	Steel; extruded aluminum
Power Requirements	100 to 240 VAC, 50–60 Hz 0,68 A max
Thermal Dissipation	Maximum: 31 W (106 BTU/hr) Idle: 21 W (72 BTU/hr)

AUDIO OUTPUT

Gain Adjustment Range	–18 to +42 dB in 1 dB steps (plus Mute setting)
Configuration	1/4" (6,35 mm): Transformer-coupled Balanced (Tip=audio, Ring=no audio, Sleeve=ground) XLR: Transformer-Coupled Balanced (1=ground, 2=audio +, 3=audio –)
Impedance Typical, XLR Line Out	100 Ω
Full Scale Output 200 kΩ load	1/4" (6,35 mm): +8 dBV XLR (LINE setting): +18 dBV XLR (MIC setting): –12 dBV
Mic/Line Switch	30 dB pad
Phantom Power Protection	Yes

NETWORKING

Network Interface	10/100 Mbps, 1 Gbps, Dante Digital Audio
Network Addressing Capability	DHCP or Manual IP address
Maximum Cable Length	100 m (328 ft)

CASCADE OUTPUT

Connector Type	BNC <i>Note: For connection of one additional receiver in the same band</i>
Configuration	Unbalanced, passive
Impedance	50 Ω
Insertion Loss	0 dB, typical

RF INPUT

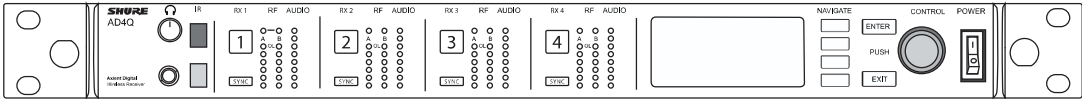
Spurious Rejection	>80 dB, typical
Connector Type	BNC
Impedance	50 Ω
Bias Voltage	12–13,5 VDC, 150 mA maximum, per antenna, switchable on/off
RF Carrier Frequency Range	AD4Q=A: 470–636 MHz AD4Q=B: 606–810 MHz AD4Q=C: 750–960 MHz

OVERVIEW

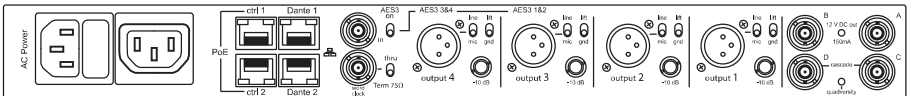
The AD4Q Axient Digital Quad Receiver sets a new standard in transparent digital audio and maximum spectral efficiency. Groundbreaking performance features include wide tuning, low latency, High Density (HD) mode, and Quadversity™, ensuring solid performance in the most challenging RF environments. Networked control, AES3 + AES67 + Dante™ and signal routing options bring a new level of management and flexibility to your entire workflow. Compatible with all Axient Digital transmitters.

FEATURES

- Wide tuning range up to 184MHz
- True digital diversity reception per channel for drop-out resistance
- Networked control with Wireless Workbench® and ShurePlus™ Channels app
- Quadversity™ mode for extended antenna coverage and improved RF signal-to-noise
- Front panel headphone jack enables Dante Cue and Dante Browse monitoring
- Configurable Ethernet switch for redundant Dante digital output
- Switchable XLR/AES3 outputs
- Channel Quality meter displays RF signal-to-noise
- Locking AC connectors
- Optional DC module available to support redundant power



AD4Q
Front Panel



AD4Q
Back Panel

