

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) <i>without antennas</i> |
| 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

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|--------------------------------------|--|
| 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 | BMC <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

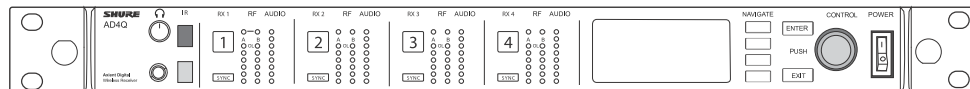
| | |
|-----------------------------------|---|
| Spurious Rejection | >80 dB, typical |
| Connector Type | BNC |
| Impedance | 50 Ω |
| Bias Voltage | 12–13,5 VDC, 150 mA maximum, per antenna, switchable on/off |
| RF Carrier Frequency Range | AD4Q=A: 470–636 MHz AD4Q=B: 606–810 MHz AD4Q=C: 750–960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

OVERVIEW

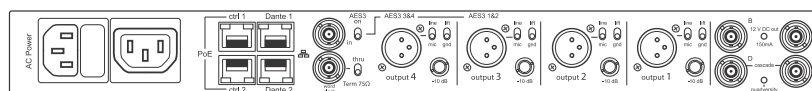
The AD4Q Axient Digital Quad Receiver sets a new standard in transparent digital audio and maximum spectral efficiency. Groundbreaking performance features include wide tuning, low latency, High Density (HD) mode, and Quadversity™, ensuring solid performance in the most challenging RF environments. Networked control, AES3 + 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

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