

AD610 SHOWLINK® WIRELESS ACCESS POINT

SPECIFICATIONS

(SUBJECT TO CHANGE)

Antenna Type	2 Omnidirectional 2.4 GHz
Capacity	24 Axient/Axient Digital Transmitters
Mounting Type	WA371 Mic Clip of 1/4-20 thread mount
Operating Temperature Range	0 to 140 °F (-18 to 60 °C)
Storage Temperature Range	-20 to 165 °F (-29 to 74 °C)
Dimensions (H × W × D)	7.48 × 4.0 × 1.85 in (190 × 102 × 47 mm)
Weight	16.3 oz (464 g), without antennas
Housing	Extruded Aluminum
Power Requirements	Power over Ethernet (PoE) Class: 136 to 57 V DC/V AC External Power Supply (if PoE is unavailable): 15 V DC (600 mA), double insulated

SHOWLINK®

Network Type	IEEE 802.15.4
Frequency Range	2.40 to 2.4836 GHz (16 channels)
RF Output Power	10 dBm (ERP)/20 dBm (ERP) <i>Dependent on applicable country regulations</i>
Working Range	Under typical conditions: 150 m (500 ft) Line of Sight, outdoors for a single system: 500 m (1600 ft) <i>Note: Actual range depends on RF signal absorption, reflection and interference</i>

ANTENNA CONNECTION

Connector	2 SMA (Shell: Ground, Center: Signal)
Impedance	50 Ω

SCANNING RADIO

Scanner RF Sensitivity	-106 dBm, typical (integrated antenna)
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NETWORKING

Network Interface	Ethernet 10/100
Network Addressing Capability	DHCP or Manual IP Address

AVAILABLE MODELS

AD610	Axient Digital ShowLink® Wireless Access Point
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FURNISHED ACCESSORIES

WA371	Wireless microphone clip for mounting on a microphone stand
31A1856	Euro Thread adapter for WA371
C825	Shielded 25-foot Ethernet cable for ShowLink® Access Point, RJ45-to-EtherCon connection
PS43	Power Supply (Regionally-Dependent)

OPTIONAL ACCESSORIES

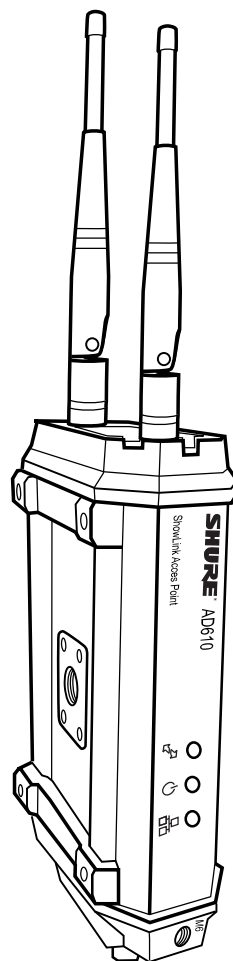
AXT644	Directional 2.4 GHz Patch Antenna
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OVERVIEW

The AD610 ShowLink® access point enables real-time remote control of all ShowLink-enabled Axient® transmitters, including both ADX and AXT series models. The access point allows comprehensive management of transmitter parameters from the receiver or Wireless Workbench® using 2.4 GHz (IEEE 802.15.4) wireless communication. All parameter changes occur without interruption to the performer.

FEATURES

- Wireless network connectivity between all linked transmitters and access points
- Enables real-time wireless remote control of up to 24 transmitters per access point
- ShowLink offers ability to adjust gain, change frequencies, mute signals and more
- True Diversity antenna scheme maintains a robust link in the 2.4 GHz frequency range
- Automatic channel selection scans the 2.4 GHz range for the best channel. Scans can be saved for future analysis in Wireless Workbench
- Automatic frequency agility moves the network to the best available channel if signal degrades
- Is compatible with Axient Digital ADX series and Axient analog (AXT series) systems.



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