

AD610 ShowLink® Wireless Access Point

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

Specifications

Antenna Type	2 Omnidirectional 2.4 GHz
Capacity	24 Axient transmitters
Mounting Type	WA371 Mic Clip or 1/4-20 thread mount
Operating Temperature Range	-18 °C (0 °F) to 63 °C (145 °F)
Storage Temperature Range	-29 °C (-20 °F) to 74 °C (165 °F)
Dimensions	190 mm x 102 mm x 47 mm (7.34 in. x 3.960 in. x 1.825 in.) H x W x D, without antenna
Weight	464 g (16.3 oz.), without antenna
Housing	Extruded Aluminum
Power Requirements	Power over Ethernet (PoE) Class 1: 36 to 57 VDC/VAC 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 2.4835 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) Note: Actual range depends on RF signal absorption, reflection and interference.
Antenna Connection	
Connector	2 SMA (Shell=Ground, Center=Signal)
Impedance	50 Ω
Scanning Radio	
Scanner RF Sensitivity	-106 dBm, typical (integrated antenna)
Networking	
Network Interface	Ethernet 10/100
Network Addressing Capability	DHCP or Manual IP address (configurable using Wireless Workbench)

Available Models

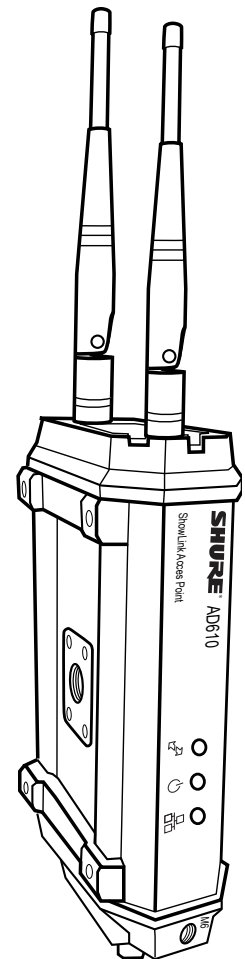
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Furnished Accessories

WA371	Wireless microphone clip for mounting on a microphone stand	C825	Shielded 25-foot Ethernet cable for ShowLink access point, RJ45-to-EtherCon connector
31A1856	Euro thread adapter for WA371	PS43	Power Supply (regionally dependent)

Optional Accessories

AXT644	Directional 2.4 GHz Patch Antenna
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Updated: 01/18

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