Component Specifications

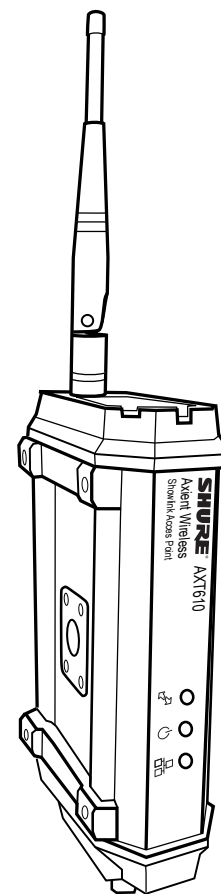## AXT610 ShowLink Wireless Access Point

Overview

The AXT610 ShowLink™ access point enables real-time remote control of the Axient™ transmitters. The access point allows comprehensive management of transmitter parameters from the receiver or Wireless Workbench 6 using 2.4 GHz wireless network communication. All parameter changes occur without interruption to the performer.

- Real-time wireless remote control of up to 16 transmitters per ShowLink access point
- Automated channel selection - Independently scans 2.4 GHz frequency range and determines best channel for use
- Receives power over Ethernet network connection or from an external power supply
- Easy transmitter authentication - Recognizes linked transmitters upon IR sync
- Provides a coverage area equivalent to the range of Axient transmitters
- Automatic hand-offs between multiple access points extend coverage range
- Automatic frequency agility - Moves a ShowLink network to the best available 2.4 GHz channel in the event of signal degradation
- Versatile mounting options - Fits readily available microphone stand adapters and features built-in threading for permanent installation
- Wireless Workbench® 6 system supports networked control of all device functions and provides a ShowLink plot for viewing 2.4 GHz signal levels

Product Specifications (subject to change)

Antenna Type	Omnidirectional 2.4 GHz
Capacity	16 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	186 mm x 101 mm x 46 mm (7.34 in. x 3.960 in. x 1.825 in.) H x W x D, without antenna
Weight	476 g (16.8 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)
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	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)

AXT610
ShowLink Wireless Access Point

Included Components

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 connector

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