

AD600 DIGITAL SPECTRUM MANAGER

SPECIFICATIONS

(SUBJECT TO CHANGE)

RF Tuning	
Frequency Range	174–2000 MHz
RF Tuning Step Size	25 / 200 kHz
Noise Floor	-154 dBm/Hz
Image Rejection	>90 dB
Spurious Response	<-100 dBm
Dimensions (H × W × D)	1.7 × 19.0 × 11.25 in (43 × 482 × 285.7 mm)
Weight	8.15 lbs (3.7 kg)
Housing	Steel
Power Requirements	110 to 240 VAC, 50–60 Hz
Current Drain	1.2 A
Operating Temperature Range	0 to 122 °F (–18 to 50 °C)
Storage Temperature Range	–20 to 165 °F (–29 to 74 °C)

RF INPUT

Connector Type	BNC
Impedance	50 Ω
Maximum Input Level	+10 dBm
Bias Voltage	12–13.5 VDC

HEADPHONE MONITOR AUDIO OUTPUT

Audio Frequency Response	20 Hz – 20 kHz, ± 3 dB
Configuration	1/4" (6.3 mm) connector; unbalanced stereo
Impedance	63 Ω
Maximum Signal Level	300 mW
Pin Assignments	Tip: Audio +, Left Ring: Audio +, Right Sleeve: Ground

NETWORKING

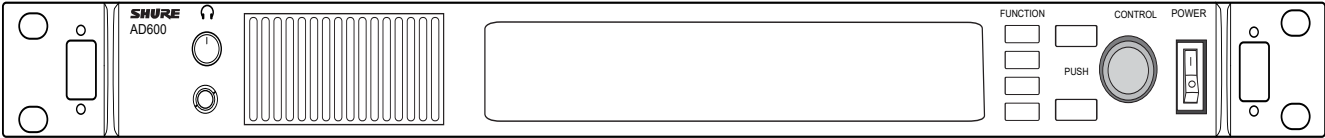
Network Interface	Quad Port Ethernet 10/100/1000 Mbps <i>Redundant Dante Support</i> <i>PoE supported on the control ports</i>
Network Addressing Capability	DHCP or Manual IP Address

OVERVIEW

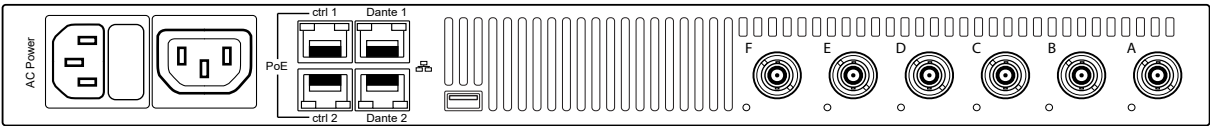
The Shure AD600 Digital Spectrum Manager is a powerful tool for planning and managing frequency coordination. Use the guided coordination features to plan, scan, and deploy frequencies to your entire system. Additional tools are available to analyze the spectrum, capture data, and monitor audio from compatible devices on your network. The AD600 is a single-tool solution to manage the RF spectrum.

FEATURES

- Advanced, comprehensive frequency coordination for your network
- Fast, real-time scanning to find available frequencies and monitor RF activity
- Large, 6.6-inch (16.75 cm) color display for viewing and analyzing the RF spectrum
- Guided RF coordination to save time and effort in challenging RF environments
- Tools for viewing, analyzing, and listening to frequency activity
- Tuning Range: 174 MHz to 2 GHz for support of multiple frequency bands
- 6 antenna connections to support multiple devices and increase coverage options
- Data capture and storage to archive RF information for analysis
- Network enabled for large-scale system deployments
- USB connection for external data storage of scans, event logs, and other data
- Dante enabled for advanced audio monitoring of your network
- Compatible with Wireless Workbench to extend control and monitoring options



AD600 Digital Spectrum Manager
Front Panel



AD600 Digital Spectrum Manager
Back Panel

