

PXL-AV-AUD-SPKN-CL60W

60W IP Network Column Speaker

| Product Overview

The PIXELab 60W IP Network Column Speaker is a high-performance network audio solution designed for public announcements, emergency notifications, and two-way communication. Combining a powerful 60 W speaker array, dual microphones, and intelligent audio processing, it delivers clear and consistent voice coverage across indoor and outdoor environments.

Built for modern IP-based communication systems, the speaker supports live, scheduled, and emergency broadcasts while integrating seamlessly with video management and public safety platforms. Its IP66-rated metal enclosure, built-in storage, and wide operating temperature range ensure reliable performance in demanding outdoor applications.

| Key Features

- ✓ 60 W High-Power Audio Output
- ✓ Dual Microphones With Two-Way Audio
- ✓ Live, Scheduled & Emergency Broadcasting
- ✓ Built-In Audio Enhancement Algorithms
- ✓ SIP-Based IP Network Communication
- ✓ 4 GB Local Audio Storage
- ✓ IP66 Weatherproof Outdoor Design
- ✓ Integrated With VMS & PA Platforms



| TECHNICAL SPECIFICATION

MICROPHONE

Type	Electret
Quantity	2 Microphones
Frequency Response	100 Hz to 20 kHz
Sensitivity	-42 dBV/Pa
Sampling Rate	48 kHz
Quantization Bits	16-bit

SPEAKER

Rated Power	60 W
Impedance	4 Ω
Maximum Acoustic Pressure	106 dB SPL
Sensitivity	90 dB (1 m, 1 W)
Direction	Omnidirectional
Frequency Response	100 Hz to 20 kHz
Signal-to-Noise Ratio	85 dB

AUDIO FUNCTIONS

Audio Algorithms	AEC, AGC, ANS, DRC
Audio Bit Rate	G.711u (64 Kbps), G.711a (64 Kbps), MP3 (128 Kbps)
Audio File Format	MP3, WAV
Two-Way Audio	Supported
Speech Synthesis	English
NTP Timing	Supported
Broadcast Modes	Regular, Live, Emergency Broadcast

NETWORK

Network Protocols	IPv4, HTTP, HTTPS, SIP, SSL/TLS, DNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SSH
API Protocols	ISAPI, ISUP, SIP, RTP
Client Support	ISM Professional
Communication Method	Wired Network

INTERFACE

Ethernet Interface	1 × RJ45 10/100 Mbps Adaptive Ethernet Port
Local Storage	Built-in 4 GB eMMC (1 GB for Audio Files)
API Support	ISAPI, ISUP, SIP
Alarm Input	2 × Alarm Inputs
Audio Input	1 × Line-In (Phoenix Terminal)
Reset	Supported

* Technical specifications and images are subject to changes

| TECHNICAL SPECIFICATION

LED INDICATOR

Green Light	Solid: Normal Operation; Flashing: Intercom Active
Red Light	Solid: Startup or Network Disconnection; Flashing: Firmware Upgrade

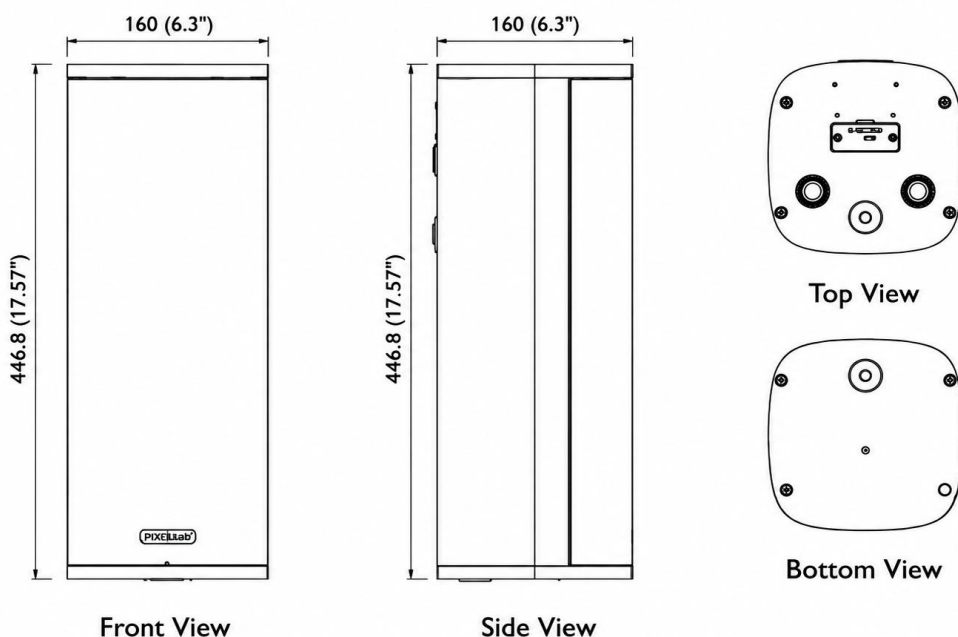
GENERAL

Power Supply	100–240 VAC
Material	Metal
Operating Temperature	-40°C to +60°C
Operating Humidity	< 90% RH (Non-Condensing)
Language Support	English, French, Spanish, German, Italian
Dimensions	160 × 160 × 446.8 mm
Package Dimensions	715 × 265 × 250 mm
Net Weight	Approx. 5.4 kg
Gross Weight	Approx. 7.1 kg
Color	White

PROTECTION & COMPLIANCE

Protection Rating	IP66
EMC Compliance	CE-EMC, RCM, ICES-003
Safety Compliance	CB IEC 62368-1, CE-LVD EN 62368-1
Environmental Compliance	RoHS, WEEE, REACH

MECHANICAL DIMENSIONS



Unit: mm (inch)

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PIXELab

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