



## AW-8D

All weather, 8", 2-way wall mounted PoE powered Dante speaker

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Note: Download the Kramer Speaker Manager (.exe) and installation instructions from the Resources tab.

Kramer AW-8D is a powerful, high-performance 8" all-weather PoE-powered Dante speaker, designed to deliver deeper, fuller sound with enhanced sensitivity for both indoor and outdoor environments. Built to withstand harsh weather conditions while meeting the requirements of indoor installations, the AW-8D is the ideal solution for mixed-use deployments where high-quality audio and consistent design are essential.

Engineered with the system integrator in mind, the AW-8D includes a built-in amplifier, DSP, and mixer, allowing for two-channel mixing and precise sound tuning. Advanced features include configurable parametric EQ, high-pass/low-pass filters, input compression, output limiting, power management, a "Find Me" tone trigger, and firmware updates—all managed through Kramer's intuitive Speaker Utility software.

The AW-8D also supports integration with Kramer Control and third-party control systems via a robust API, enabling remote control of volume, mute, and more.

Available in black or white, the AW-8D combines premium audio performance with sleek, professional design for any commercial installation

## FEATURES

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Exceptional sound performance

IP66 rated for outdoor installations

Made from V-0 flame retardant materials. designed to comply with UL1480A for indoor installations

Supports PoE++/PoE+/PoE (auto-negotiate)

Built-in mixer, DSP, and amplifier for two-channel mixing, parametric EQ, High pass and low pass filters, input compressor, output limiter and advanced power settings

Features a built-in "Find Me" tone, making it easy to identify and locate individual speakers during installation or maintenance

Power handling: 10W continuous / 30W peak

Sound Pressure Level (SPL): - Sensitivity (1W@1m, free field): 91dB SPL

Maximum SPL: Continuous: 100dB SPL / Peak: 106dB SPL

Regulatory compliance: - IEC62368(CB) / CE LVD, UL62368

FCC+IC, BIS, RCM

RoHS, REACH, WEEE

Industrial design: - wall-mounted, tool-less installation, available in black & white colors, removable logo

The AW-8D all-weather PoE powered Speaker is a high-end solution for both outdoor and indoor installations delivering high-performance high-quality sound in professional Dante networked audio installations

Included in the box: - 1 speaker (single unit), 2 speakers are packed in a single master box

1 mounting bracket + 2 toolless bracket screws

1 Silicon Grommet

Quick Start Guide



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## TECHNICAL SPECIFICATIONS

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DESCRIPTION:	All weather, 8", 2-way wall mounted PoE powered Dante speaker
Audio	<p>Driver:</p> <p>LF Driver: 200 mm (8 in) high output driver with polypropylene cone and rubber surround</p> <p>HF Driver: 25 mm (1 in) liquid cooled soft-dome tweeter</p> <p>Frequency characteristics</p> <p>Frequency Range (-10dB): 70Hz-20kHz</p> <p>Frequency Response (<math>\pm 3</math>dB): 88Hz-20kHz</p> <p>Dispersion angle: 104 deg. (1 kHz to 4 kHz)</p> <p>Power handling:</p> <p>PoE++: 10W continuous / 30W peak</p> <p>PoE+: 10W continuous / 20W peak</p> <p>PoE: 10W continuous / 10W peak</p> <p>OCM (Over-Current Protection): Monitors input current and reduces gain to prevent damage</p> <p>OSP (Output Shortcut Protection): Shuts down and restarts the amplifier if a shortcut is detected</p> <p>Sound Pressure Level (SPL):</p> <p>Sensitivity (1W@1m, free field): 91dB SPL</p> <p>Maximum SPL: PoE++: Continuous: 101dB / Peak: 106dB PoE+: Continuous: 101dB / Peak: 104dB PoE: Continuous: 100dB / Peak: 101dB</p>
Built-in Protection: OTM (Over-Temperature Protection):	Automatically lowers volume if overheating is detected, restoring it once temperature normalizes
MECHANICAL	<p>Installation</p> <p>Type: surface mounted vertical or horizontal</p> <p>Mounting: Toolless mounting bracket</p> <p>Connectors: RJ-45, factory reset button</p> <p>Dimensions</p> <p>Dimensions without Bracket: 251mm x 200mm x 400mm / 9.88" x 7.88" / 15.75"</p> <p>Dimensions with Bracket: 251mm x 240mm x 400mm / 9.88" x 9.45" / 15.75"</p> <p>Shipping</p> <p>Packed as single, 2 single boxes are packed in a master box</p> <p>Shipping dimensions (single unit): 322mm x 312mm x 467mm / 12.7" x 12.3" / 18.4"</p> <p>Shipping dimensions (2 units in a Master box): 630mm x 330mm x 485mm / 24.8" x 13.0" x 19.1"</p> <p>Shipping weight (single unit): 4.7Kg / 10.4lbs</p> <p>Shipping weight (Master box): 10.2Kg / 22.5lbs</p>

**Material**

Grill: Aluminum, removable logo

Baffle & back enclosure: V-0 Flame Retardant

Bracket Aluminum

**Environmental**

Operating Temperature: -5° to +50°C (23°F to 122°F.)

Storage Temperature: -10° to +55°C (14°F to 131°F.)

Humidity: 30% to 85%, RHL non-condensing

Weight per single speaker (including mounting bracket):

3.9kg / 8.6lbs

**REGULATORY**

**Safety**

IEC 62368 (CB) / CE LVD: Safety standard for audio equipment addressing risks related to electrical, mechanical, and environmental factors in low-voltage devices

UL 62368-1: safety of audio, equipment by addressing potential hazards through risk-based performance criteria for electrical and mechanical systems

BIS (India): safety, quality, and performance requirements specific to the Indian market

RCM: (Regulatory Compliance Mark) electrical safety, electromagnetic compatibility (EMC), and radiofrequency (RF) standards for products in Australia and New Zealand

**EMI**

FCC / IC: Compliance with regulations for electromagnetic interference (EMI) and radio frequency (RF) emissions, ensuring that devices operate safely and do not cause harmful interference

Environmental: RoHS, REACH, WEEE

IP Rating: IP66

Accessories

In the Box 1 speaker (single unit), 2 speakers are packed in a single master box  
1 mounting bracket + 2 toolless bracket screws  
1 Silicon Grommet  
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## CONFIGURATIONS

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AW-8D-(W)-(SINGLE) All-weather IP66, UL Rated, 8", wall mounted, PoE powered DANTE speakers, white (single)

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AW-8D-(B)-(SINGLE) All-weather IP66, UL Rated, 8", wall mounted, PoE powered DANTE speakers, black (single)

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