



## AW-6D

All weather, 6.5", 2-way wall mounted PoE powered Dante speaker



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

Kramer AW-6D is a compact, high-performance 6.5" all-weather PoE-powered Dante speaker, engineered to deliver outstanding sound quality in both indoor and outdoor environments. Built to withstand harsh weather conditions while meeting indoor installation requirements, the AW-6D is the ideal choice for mixed-use installations where consistency in performance and design is key.

Designed with the system integrator in mind, the AW-6D features a built-in amplifier, DSP, and mixer, enabling two-channel mixing and advanced audio tuning. Users can easily configure parametric EQ, high-pass/low-pass filters, input compression, output limiting, power management, as well as a "find me" tone trigger and firmware updates – all via Kramer's intuitive Speaker Utility software.

The AW-6D includes a robust API for Kramer Control and third-party control systems, allowing remote control of volume, mute, and additional functions. The AW-6D is available in black or white, ensuring it fits seamlessly into any professional installation

## FEATURES

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): 90dB SPL

Maximum SPL: Continuous: 100dB SPL / Peak: 105dB 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-6D all-weather PoE powered Dante 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



## TECHNICAL SPECIFICATIONS

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| DESCRIPTION:                                               | All weather, 6.5", 2-way wall mounted PoE powered Dante speaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Audio                                                      | <p>Driver:</p> <p>LF Driver: 165 mm (6.5") driver with polypropylene cone and rubber surround</p> <p>HF Driver: 25mm (1") soft dome with dampening, ferrofluid- cooled</p> <p>Frequency characteristics</p> <p>Frequency Range (-10dB): 60Hz-20kHz</p> <p>Frequency Response (<math>\pm 3</math>dB): 84Hz-20kHz</p> <p>Dispersion angle: 136deg. (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): 90dB SPL</p> <p>Maximum SPL: PoE+: Continuous: 100dB / Peak: 105dB</p> <p>PoE+: Continuous: 100dB / Peak: 103dB</p> <p>PoE: Continuous: 100dB / Peak: 100dB</p> |
| Built-in Protection:<br>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: 201mm x 168mm x 320mm / 7.91" x 6.63" / 12.6"</p> <p>Dimensions with Bracket: 201mm x 205mm x 320mm / 7.91" x 8.06" / 12.6"</p> <p>Shipping</p> <p>Packed as single, 2 single boxes are packed in a master box</p> <p>Shipping dimensions (single unit): 287mm x 235mm x 385mm / 11.3" x 9.3" x 15.2"</p> <p>Shipping dimensions (2 units in a Master box): 477mm x 296mm x 403mm / 18.8" x 11.7" x 15.9"</p> <p>Shipping weight (single unit): 3.5Kg / 7.7lbs</p> <p>Shipping weight (Master box): 7.4Kg / 16.3lbs</p> <p>Material</p> <p>Grill: Aluminum, removable logo</p>                                                                                                                                                                |

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):

2.9kg / 6.4lbs

#### 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  
Quick Start Guide



## CONFIGURATIONS

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| AW-6D-(W)-(SINGLE) | All-weather IP66, UL Rated, 6", wall mounted, PoE powered DANTE speakers, white (single) |
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| AW-6D-(B)-(SINGLE) | All-weather IP66, UL Rated, 6", wall mounted, PoE powered DANTE speakers, black (single) |
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