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

DESCRIPTION:	All weather, 6.5”, 2–way wall mounted PoE powered Dante speaker
Audio	Driver: LF Driver: 165 mm (6.5”) driver with polypropylene cone and rubber surround HF Driver: 25mm (1") soft dome with dampening, ferrofluid− cooled Frequency characteristics Frequency Range (-10dB): 60Hz−20kHz Frequency Response (±3dB): 84Hz−20kHz Dispersion angle: 136deg. (1 kHz to 4 kHz) Power handling: PoE++: 10W continuous / 30W peak PoE+: 10W continuous / 20W peak PoE: 10W continuous / 10W peak OCM (Over-Current Protection): Monitors input current and reduces gain to prevent damage OSP (Output Shortcut Protection): Shuts down and restarts the amplifier if a shortcut is detected Sound Pressure Level (SPL): Sensitivity (1W@1m, free field): 90dB SPL Maximum SPL: PoE++: Continuous: 100dB / Peak: 105dB PoE+: Continuous: 100dB / Peak: 103dB PoE: Continuous: 100dB / Peak: 100dB
Built-in Protection: OTM (Over-Temperature Protection):	Automatically lowers volume if overheating is detected, restoring it once temperature normalizes
MECHANICAL	Installation Type: surface mounted vertical or horizontal Mounting: Toolless mounting bracket Connectors: RJ−45, factory reset button Dimensions Dimensions without Bracket: 201mm x 168mm x 320mm / 7.91” x 6.63” / 12.6” Dimensions with Bracket: 201mm x 205mm x 320mm / 7.91” x 8.06” / 12.6” Shipping Packed as single, 2 single boxes are packed in a master box Shipping dimensions (single unit): 287mm x 235mm x 385mm / 11.3" x 9.3" x 15.2" Shipping dimensions (2 units in a Master box): 477mm x 296mm x 403mm / 18.8” x 11.7” x 15.9” Shipping weight (single unit): 3.5Kg / 7.7lbs Shipping weight (Master box): 7.4Kg / 16.3lbs 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):	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

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