



a2v IC6-D **Ceiling Speakers**



Flush-Mount Stereo Ceiling Speakers

The a2v model IC6 Series (Dante™, 70/100 Volt, or 8-Ohm) is a 6.25" two-way ceiling speaker featuring an 6" (155 mm) deep composite back can for use in plenum rated ceiling environments. The driver components include a 6.25" (158.75 mm) woofer coupled with a 1" (25.4 mm) dome tweeter. The IC6 series offers: Dante™ enabled, 70/100 volt or direct 8 ohm operation. The IC6-D is equipped with a powerful Class-D audio amplifier. Powered by standard POE+, the IC6-D has a MAX power of 30 watts or can be powered using an external 19V DC power supply. Using 6-layers of 2 oz copper PCB design, this speaker optimizes reliability and heat dissipation making it an obvious choice.

The IC6 Series provides a wide and smooth frequency range of 60 Hz to 20 kHz and is engineered with a 110° conical dispersion that ensures excellent on and off axis voice intelligibility. A power rating of 60 watts continuous program also gives this speaker plenty of headroom for music reproduction in moderate to high output systems.



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Overview

- Network Enabled Loudspeaker by Dante™
- Power Supply via POE+ or 19V Power Supply [option]
- RJ45 Connection for Audio from POE+ Ethernet
- Frameless, Flat Design, Magnetic Ultra-thin Grilles
- AES67 Compatible
- Dante Domain Manager Ready
- CE Passed
- No need to have separate dante enabled AMP or I/O interface.
- Cost effective simple one system solution
- High quality digital audio
- Simple and easy installation, maintenance and expansion
- Easy configuration / adjustable the sound area through software
- Compatible with DANTE/AES67 protocols



a2v specializes in acoustic, audio, and visual design.
We help you bring the experience you want to reality.

🌐 www.a2vcg.com

📷 @a2vcg

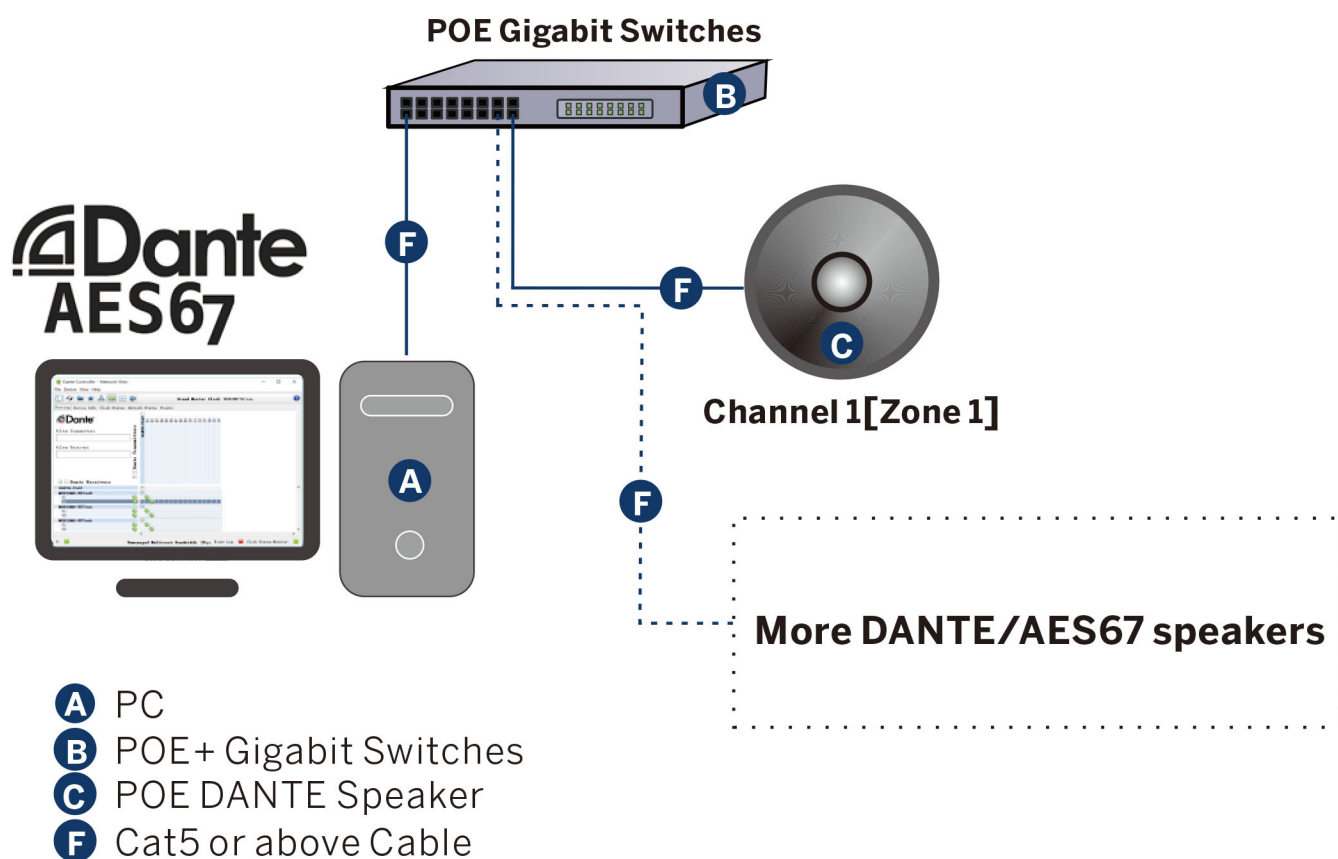
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Flush-Mount Stereo Ceiling Speakers

Channel Zoning Illustration

1 Channel

Only Master DANTE Speaker



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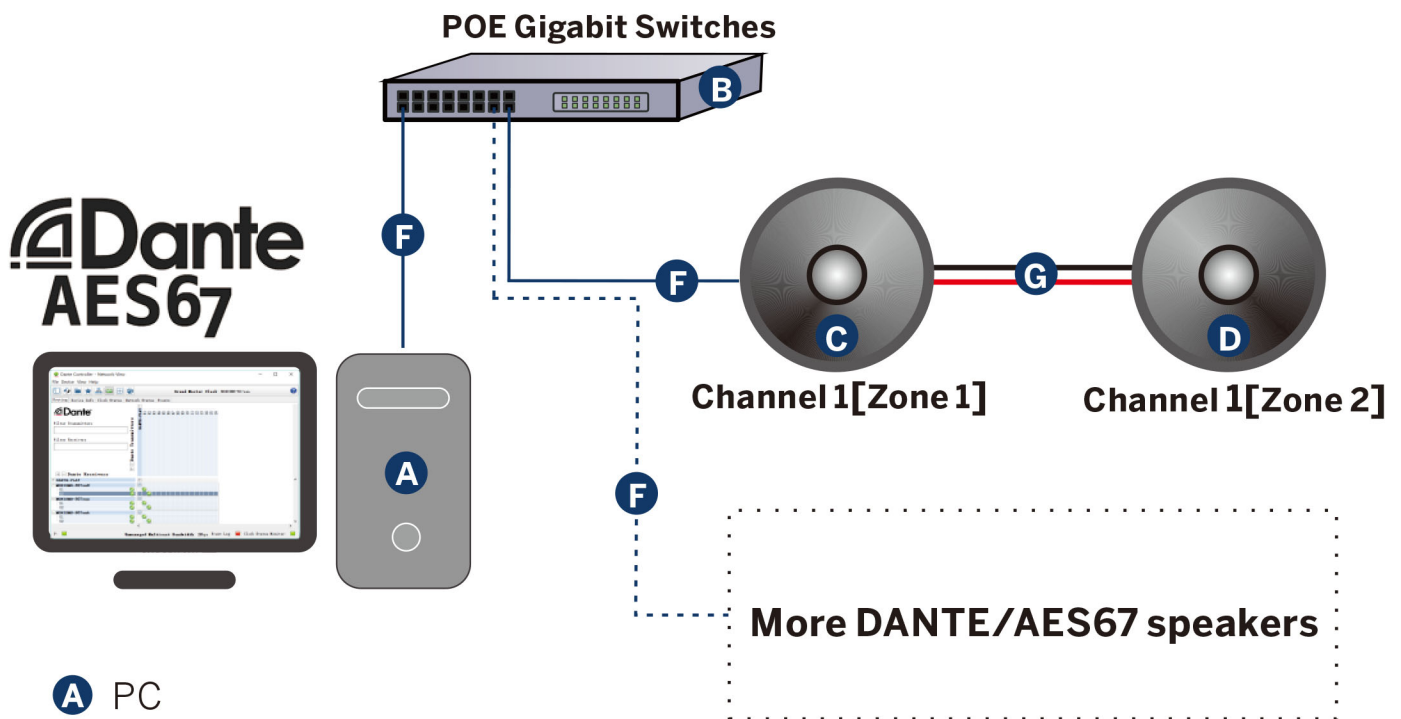
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Channel Zoning Illustration

1 Channel

Reserve Additional Passive Speaker Terminals



- A** PC
- B** POE+ Gigabit Switches
- C** POE DANTE Speaker
- D** Passive Speaker
- F** Cat5 or above Cable
- G** Two conductor loudspeaker wires



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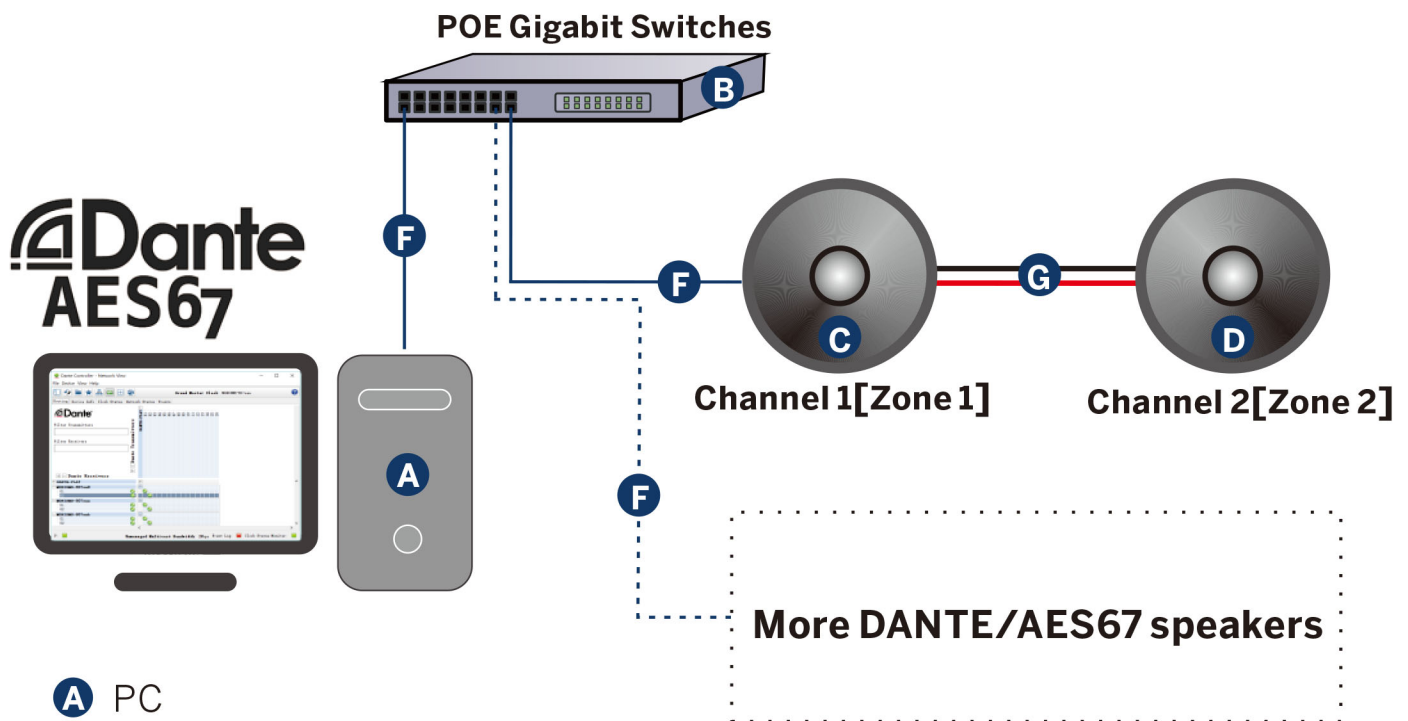
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Channel Zoning Illustration

2 Channels

One Channel for Master Speaker, Another Channel for Passive Speaker

Reserve Additional Passive Speaker Terminals



- A** PC
- B** POE+ Gigabit Switches
- C** POE DANTE Speaker
- D** Passive Speaker
- F** Cat5 or above Cable
- G** Two conductor loudspeaker wires



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System Specifications

Frequency Response	20 Hz - 20 KHz
Audio Input	Dante Audio via Ethernet
Output Power	30W
Signal to Noise Ratio	105dB
RJ45 Interface	1RJ45
Audio Network System Compatibility	Dante / Dante Domain Manager / AES67
Route switching control	Dante™ controller software
Power supply	Power supply via POE+ [Power over Ethernet, IEEE 802.3at-2009] or DC19 V [4.74A] power supply, available at option

Technical Specifications

Tweeter	1"swirl loaded dome tweeter
Woofer Cone	6.25"aluminium cone bass/midrange
Rated Power	60W
Rated impedance	8-Ohm
Frequency Range	45Hz-20KHz
Sensitivity	91 dB
Hole Size	Ø206mm
Dimension	Ø235*155mm [Diameter*Thickness]
Material	ABS
Diameter of the Grille	Ø232mm
Protrusion	Grilles thickness only 4mm

