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**Audio Amplifier JDM, ODM & OEM**

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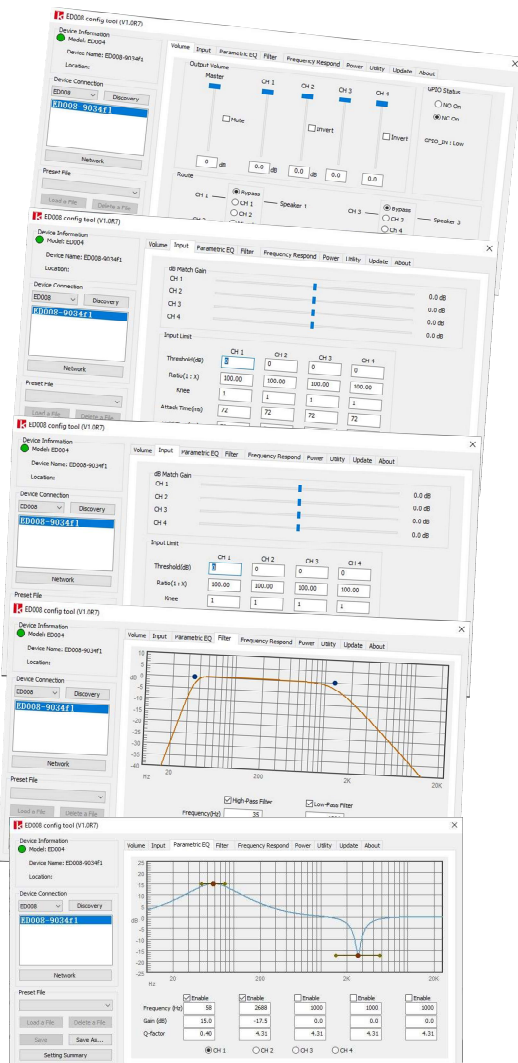
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## 71W PoE++ 4-CH DANTE™ AUDIO AMPLIFIER BOARD (ED-008)



### KAP™ configuration



### INTRODUCTION

Compatible with AES67 standard, Keiga ED-008 is a simple plug-and-play 71-watt 4-ch PoE Dante™ Ultimo chipset built-in audio DSP amplifier board with a single RJ45 connection to receive both digital audio signals from the Dante™ network and PSE compliant power over Ethernet up to 90W IEEE 802.3af/at/bt Type4 (PoE/PoE+/PoE++). ED-008 is designed to support multiple speakers within one zone applications.

Coupling with Keiga Audio Performance software, KAP™, ED-008 becomes intuitively easy to install and to configure for gaining high audio DSP performance as well as preventing any overdrives of the passive speaker(s) it is connecting. The Windows based KAP™ software manages all Keiga PoE amps' built-in audio DSP features including the Volume Controls, Input Gains, Parametric Equalizers, and Filters. In addition, KAP™ software can also conform the power usages to achieve the best balance of the maximum audio outputs and the highest power consumptions with the advanced functions such as OTP, OTP, OVP, Auto Recovery, Surge Protection, GPIO Control and Monitor, etc.

### FEATURES

- Dante™ Ultimo insides with hi performance Class D Audio DSP Amplifier
- Built-in KAP™ (Keiga Audio Performance) software to configure audio DSP
- KAP™ provides "Find-me" ping signal for easy location identification
- KAP™ tools can save and load the speaker profiles saving installation time & efforts
- Audio DSP provides up to 5 sets of PEQ setting for each channel
- One RJ45 connection for the Dante™ audio signals and PoE power network
- Supports both IEEE 802.3af/at/bt (PoE/PoE+/PoE++) and local DC-In
- Dante™ Domain Manager and AES67 compliant
- Auto detect PoE++ (90W), PoE+ (30W) or PoE (15W) power levels
- Fully protection with OTP, OTP, OVP, Auto Recovery and Surge Protection
- LED status display for PoE status and channel signal and peak.
- Provides GPIO for external control usage

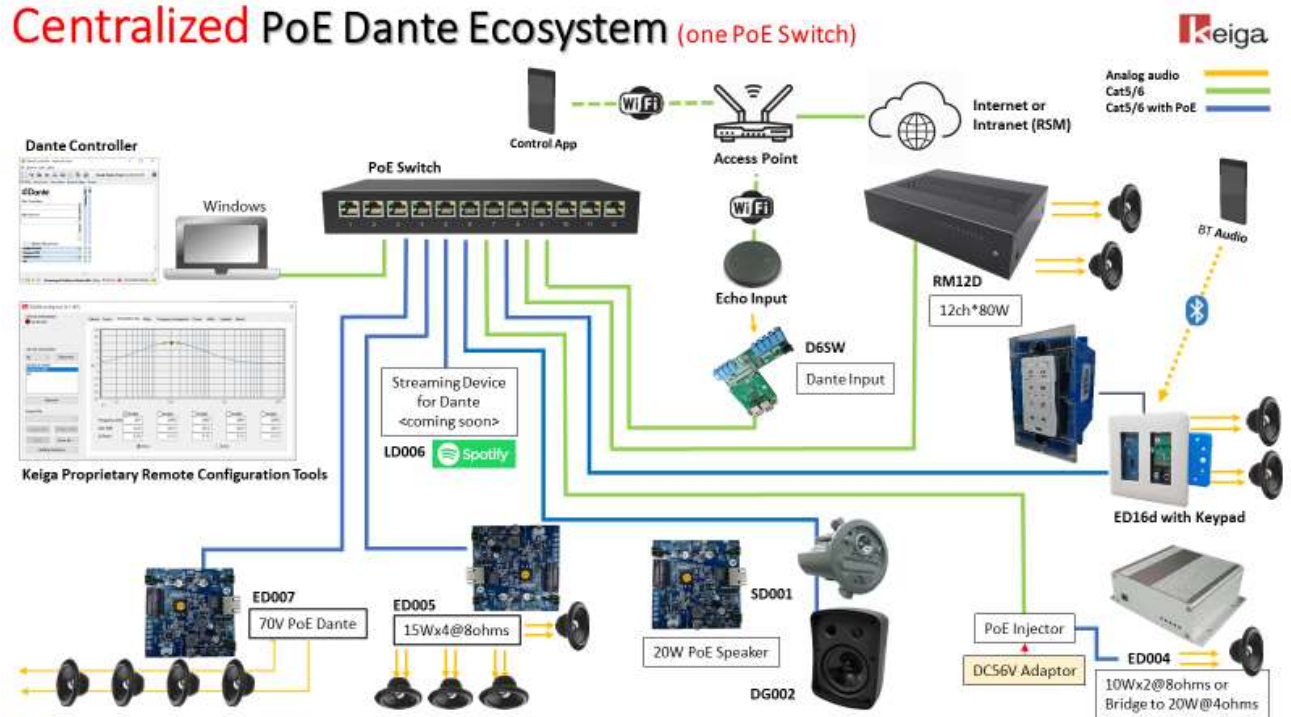
### SPECIFICATIONS

- Maximum supports 15Wx4@8Ω, 30Wx2@8Ω or PBT mode for 70W@4Ω
- Built in Audio DSP for Volume, PEQ, Filter and Input Gain controls
- Dante™ Receiver as the audio input
- 4 sets two-pin Euro-block Speaker output
- One GPI and two GPO with Normal Close and Normal Open
- Signal Noise Ratio: ~91 dB
- Crosstalk in stereo mode: ~ -61 dB
- THD + N (full power): <0.5%
- Measure size: 134 (W) x 89 (D) mm

### PRODUCT FAMILY

- **ED-004** 22W 2CH PoE/PoE+ Dante Audio Amplifier Board
- **ED-005** 71W 2CH PoE/PoE+/PoE++ PoE Dante Audio amplifier Board
- **ED-22** 22W 2CH PoE/PoE+ Dante Audio Amplifier Endpoint Device
- **ED-71** 71W 2CH PoE/PoE+/PoE++ PoE Dante Audio amplifier Endpoint Device
- **ED-007** 70W PoE/PoE+ Dante Audio Amplifier Board
- **ED-009** 71W 2CH PoE/PoE+/PoE++ PoE Dante Audio amplifier Board w/90W PSE
- **RM-12D** 1000W 12ch Dante Matrix Distribution Amplifier (Rack-mountable)
- **RH-2004** 2000W 4ch 70/100V 4Ω Dante Distribution Amplifier (Rack-mountable)
- **SD-001** 20W PoE+ Speaker
- **DG-002** 20W PoE+ Speaker

## Centralized PoE Dante Ecosystem (one PoE Switch)



## For you to built up a PoE Dante ECO system

