# KEIGA + DANTE
## *Enable Endless Pro Audio Networking Possibility*

Developed in 2006 by a Sydney-based Audinate Pty Ltd. with over 1,100 DANTE-enabled products representing over hundred brands on the market, DANTE (Digital Audio Network Through Ethernet) products have been the great solutions for live sound recording and broadcasting in the large commercial installations. Today, KEIGA Electronic Inc. has incorporated DANTE technologies into Pro Audio systems for home and business environments. Taste the sweet efficiency of the Dante digital audio networking revolution with superior sound quality, easy installation, economical and versatile advantages surpassing traditional analogue, WI-FI and Bluetooth connections and explore the KEIGA DANTE Ultimo Evaluation Boards (EVB) to design your own ultimate digital audio equipment with us.

Since 1996, KEIGA has been a professional audio design and manufacturing destination for the world's major ODM and OEM customers.  With our core engineering in Amplifier, Switching Power Supply, DSP, Wireless Audio, FW-APP and Remote Control, KEIGA is authorized to engineer hardware, firmware and software with DANTE technologies into custom audio equipment providing endless solutions to stream, broadcast, record, monitor, manage and control matrix-like multi-zone home or business environments.

## DANTE Technologies:

Superior Sound Quality:

- Uncompressed, multi-channel digital media networking technology with near-zero latency (adjustable between 150µs to 5ms)

- Up to 1024 bi-directional channels per link with 48KHz to 192KHz sample rates, 24 to 32 bits depth, auto-clocking synchronization

- Digital transmission. No common analogue interference from other electrical equipment, crosstalk or signal degradation

Easy Installation:

- One regular Ethernet cable (CAT5e and CAT6) over a single, standard IP home network

- No physical point-to-point connections, devices within network can be "auto-discovered", configured, editable labelled, expanded and reconfigured with ease

- Plug 'n Play - no advance computer network knowledge required

Economical and Versatile:

- Multi-sources/multi-channels expandable and scalable inputs and outputs for audio streaming, voice communication, and data control

- Unicast and/or Multicast real-time flow management with the free DANTE controller software

- "Glitch–free" redundancy enabling an identical secondary network to run concurrently and take over immediately if needed, with no interruption in the audio data flow.

## KEIGA + DANTE Solutions:

High fidelity multi-channel with near-zero latency provided superior sound quality and enjoyment surpassing WI-FI or Bluetooth connections. No more analogue one-to-one cable wiring complications, interference and degradation, latency troubles, and multi-zone/multi-source matrix switching difficulty in the DANTE digital networking environment. Advance IP networking knowledge is not required. Every device is auto discovered and configured. Bring your Pro Audio business into the digital world, KEIGA is ready to custom design and integrate audio devices with Dante technologies on your specific needs. Whether a basic DANTE enabled amplifier, a music follow-you room-to-room system, or any other systems that you can dream of, make the KEIGA engineers your partner in the digital audio network world.

**KEIGA DANTE Ultimo EVBs** are based on Dante Ultimo chipset available to stimulate your Dante experience. Connect up to six boards to deliver up to six sources in-and-out under a single Ethernet networking environment. With intuitive built-in sourcing selection and volume/mute control user interface, you can access any of the 6 music/voice sources by direct pressing the on-board buttons or by the free DANTE Controller software via PC or Mac, the configuration and versatility of your evaluation can be fruitful surprising.

One CODEC Basic version EVB: (some I/O ports opted out)
- Two standard 100M/1G bps Ethernet jacks to connect with the Dante network
- Two 3.5mm phone jacks for stereo audio input and output
- One red-buttons to ON/OFF music sharing
- Five blue-buttons to subscribe 5 different audio streaming
- One gray-button to control volume Up/Down/Mute
- 5V DC input and LED indicator



Two CODEC upgraded version EVB:
- Supports 2 codecs for 4x4 channels
- One 3.5 mm phone jack for mic-in
- Two 3.5mm phone jacks for 2 stereo-in
- Two 3.5mm jacks for 2 stereo-out
- The control UI to be re-defined

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to order your Keiga Dante Ultimo EVB today!