ERTHPOT™

KEYER

DIGITAL PROCESSING & CONTROL

Overview

key·er | \ kēə(r) \ plural - s (Noun)
A device (as a mechanical key or vacuum tube) that turns an electronic circuit on or off.

Keyer series of DSP gives you unprecedented opportunity to solve the most complex problems of signal routing & processing. Erthpot has designed Keyer series with the best possible components & circuits to develop a digital signal processors that helps in a significant amount of cost savings and at the same time provides features that exactly fits in a place according to the needs of every individual user.

Key Features

DANTE™ Audio Transmission

The Dante technology from Audinate provides smooth and hassle-free digital audio transmission over the standard local area networks. Dante enabled devices can share multiple channels of high resolution digital audio with each other over a local area network.

Acoustic Echo Cancellation (AEC)

The Keyer Series of DSP have advanced AEC algorithms to create a much faster echo or double talk eliminations and thereby providing a disturbance free Intelligent voice quality.

Advanced Audio Processing

Keyer DSPs boasts the much needed algorithms like ANS (Automatic Noise Suppression), AFC (Adaptive Feedback Control) and AGC (Automatic Gain Control) to provide you the comprehensible audio output.

Powerful Motherboard Chip

TI456MHz Dual-Core Chip for DSP gives you an unprecedented opportunity to solve the most complex problems of signal routing & processing.

Keyersoft GUI

The GUI keyersoft allows the user to reach up to each processing bloc within the DSP and configure it as per the needs of the venue. With 16 preset storing capacities the user can save the settings of each processing environment separately.

USB Audio Interface

Front Panel USB port offers audio record and playback through its in built sound card. The USB audio interface gives added benefits of using the DSP for VoIP applications for eg. a web-based video conferencing where DSP is directly connected to a PC that is hosting the conference.

Model Variants

+ **Keyer 44**
4in / 4out Digital Signal Processor

+ **Keyer 88**
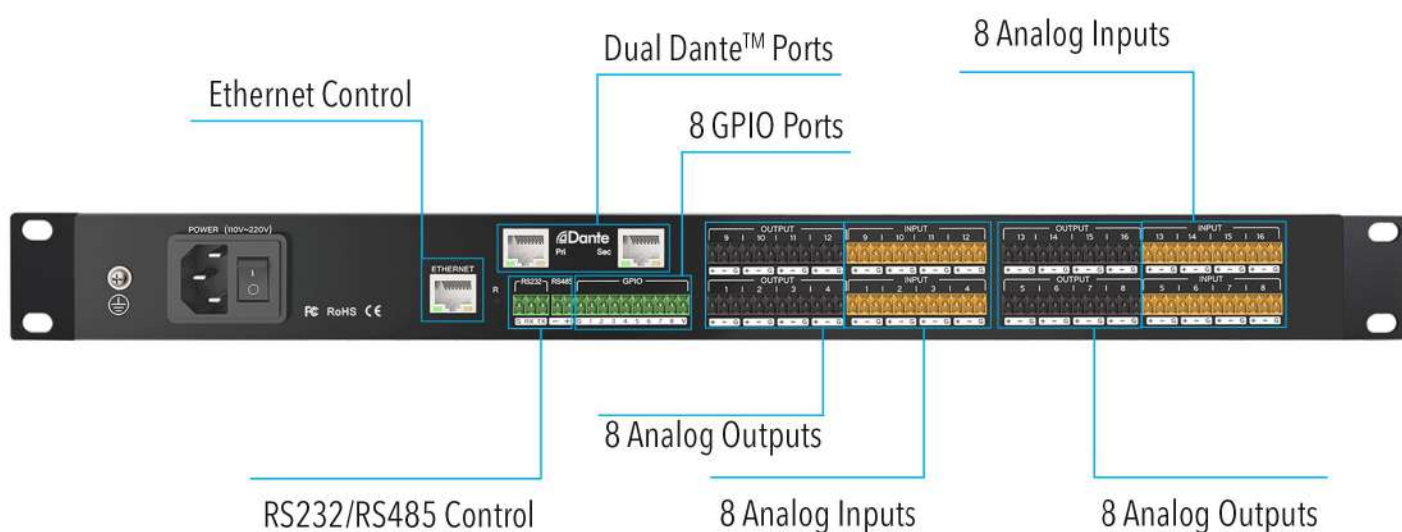8in / 8out Digital Signal Processor

+ **Keyer 88D**
8in / 8out Digital Signal Processor with Dante

+ **Keyer 1616**
16in / 16out Digital Signal Processor

+ **Keyer 1616D**
16in / 16out Digital Signal Processor with Dante

Ethernet Control

Dual Dante™ Ports

8 GPIO Ports

8 Analog Inputs

RS232/RS485 Control

8 Analog Outputs

8 Analog Inputs

8 Analog Outputs

PC 1

PARAMETER CONTROLLER

The PC1 is a rotating control panel that can be customised to suit your environment. A PoE switch, eliminating the need for custom cables and local power supplies, powers it and supports firmware upgrades for your equipment.

Applications

- Adjusting the processor volume or switching application scenes, mixing matrix and other functions to meet the unique needs of specific applications.
- Custom programming according to the actual usage environment.
- Powered by a POE switch, eliminating the need for custom cables and local power supplies.

Keyer Series of Audio Processors have very deserved audio functions to offer that make them a centerpiece in various applications:

Conference Rooms

Training Rooms

Class Rooms

Restaurants, Bars & Clubs