



DSP-AEC-1010-DA

AUDIO DSP WITH AEC, 4-IN/4-OUT ANALOG, 4-IN/4-OUT DANTE AND USB

The DSP-AEC-1010-DA is an audio signal processing unit with analog and Dante interface, as well as a USB for computer audio.

The unit is configured and controlled from a Windows application that presents an easy to use GUI. Powerful processing with eq, dynamics, mixing and matrix combined with advanced acoustic echo cancellation (AEC) makes this unit suitable for a wide range of use cases.

A single network cable connected to a PoE network switch allows for both power, control and Dante audio.

Analog audio inputs supports both microphone and line level sources. Phantom power is selectable individually for each channel.

USB connection to host computer works as a sound card for easy computer audio connectivity for both playback and recording.

SPECIFICATIONS

| | |
|-------------------------|---|
| Sample rate/bit depth: | 48kHz/24bit |
| Input Gain steps: | 0/6/12/18/24/30/36/42/48dB |
| Phantom Power: | 48V |
| Frequency Response: | ±0.5dB (20Hz-20kHz) |
| Maximum Level: | +18dBu |
| THD + Noise: | 0.003%@4dBu |
| Dynamic Range: | 110dB |
| Background Noise: | -91dB (A-weighted) |
| Common Mode | |
| Rejection Ratio @60Hz: | 80dB |
| Channel Isolation: | 108dB (@1KHz) |
| Input Impedance: | 5.6kΩ (Balanced Connection) |
| Output Impedance: | 102Ω (Balanced Connection) |
| System latency: | <3ms |
| Power requirements: | PoE or 12V |
| Power adapter: | AC110~240V 5Hz-60Hz, 12V DC / 2A output |
| Dimensions (W x D x H): | 215 x 162x 44 mm |
| Shipping Weight: | 2 Kg |

KEY FEATURES

- 4 analog inputs and outputs
- 4 Dante inputs and outputs
- USB for computer audio playback and recording
- Powerful DSP processing with matrix and mixer
- Advanced AEC (Acoustic Echo Cancellation)
- External control from custom software or 3rd party control systems
- External control from configurable PoE wall panel
- Open API for external control via ethernet or RS-232/485

TiGHT AV POLICY

Faulty product - minimal down time.

Up until six months after purchase, TiGHT AV will replace your product in advance of return of faulty product.

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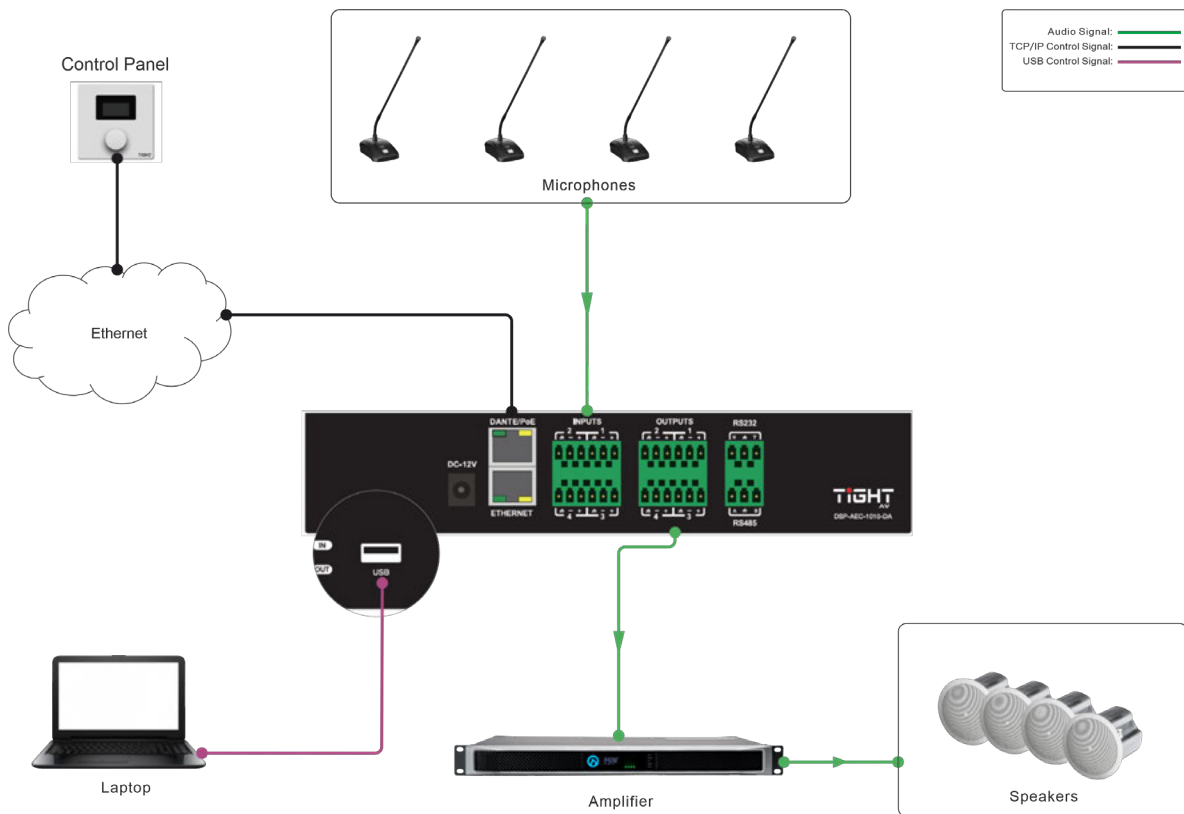
All TiGHT AV products come with a five year limited warranty.



FRONT



BACK



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TIGHT AV POLICY

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