



Datavideo AD-300

ProdCode: DATAAD300

Pro Audio Delay Box



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Features

- Pro Audio Delay Box
- Wide range of input options
- Sound Delay Range 0~3000ms
- Built-in Mixing Function
- Equalizer for adjusting timbre
- Balanced/unbalanced audio conversion
- Mic in with +48V phantom power
- Easy to use

A professional sound delay box that meets the needs of multiple functions

The AD-300 is equipped with a wide range of input and output interfaces and sound processing functions to fulfill the needs of professional audio production. The input audio source can be processed for sound delay, mixing, equalizer, compressor, limiter and other sound effects.

Wide range of input options

The AD-300 is equipped with a wide range of input and output interfaces. 3 XLR balanced stereo inputs and 2 RCA unbalanced stereo inputs; the output provides two channels of XLR and RCA.

Sound Delay Range 0~3000ms

The AD-300 professional audio delay device has a 3000 ms audio delay range, and each input can be adjusted individually in milliseconds to achieve professional-grade sound and video synchronization.

Built-in Mixing Function

The built-in mix function allows you to select any of the five input sources that you want to mix and combine them into a single output channel. A Test Tone can be added for volume correction.

Equalizer for adjusting timbre

You can set a specific frequency range and then adjust the volume of that specific frequency range only. The equalizer of AD-300 can adjust each channel from 125Hz to 16K Hz in 8 frequency ranges, each adjustable by ± 10 dB, to produce the various tone effects you want.

- **Effect: Compressor**

The Compressor reduces the level of the high volume sound signal and maintains the original level of the low volume sound signal, thus reducing the dynamics range of the sound signal and adjusting the rise and fall of the audio track. The AD-300's compressor can achieve a 100:1 compression ratio (Ratio), and the Attack time can be adjusted from 50 to 500msec, allowing you to adjust the audio dynamic range to your ideal.

- **Effect: Limiter**

Limiter is a function used to limit the dynamic range and is often used in combination with Compressor. It controls the maximum volume of the entire track and is adjusted at the end of Mastering. The Threshold range of the AD-300's Limiter is +24dBu to -6dBu, and the Attack time can be selected from 50 to 500ms.

- **Effect: Expander**

The Expander is the opposite of the Compressor and is used to expand the dynamic range of the sound, making the louder and quieter parts of the Threshold range louder and quieter, respectively. The Expander can be used to make more noticeable changes in the volume of instrumental music or vocals.

- **Effect: Gate**

If the volume is less than the set threshold range, it will be muted to silence, which is the function of the gate. Gate is mainly used to remove unwanted audio. For example, it can be used to eliminate the breathing noise of the vocal sounds. The Gate threshold of the AD-300 can be adjusted from -66 dBu to -25 dBu.

Audio filter

Filters are being used to remove groups of frequencies from an audio-signal. High-pass filter cuts out all frequencies below a user-determined cutoff point. And low-pass filter cuts out all frequencies above a user-determined cutoff point.

Balanced/unbalanced audio conversion

The built-in balanced or unbalanced audio conversion prevents under-volume or popping in case of misuse. When unbalanced and balanced audio conversion is required.

When unbalanced and balanced audio conversion is required, the AD-300's audio conversion function will ensure that the sound output matches the desired format.

Mic in with +48V phantom power

Switchable for Microphone input or Audio Line input and Supports XLR mic in and +48V phantom power.

Easy-to-use design

LCD display for OSD menu and mode selection. The body design is suitable for stand-alone or installation in the rack.

