

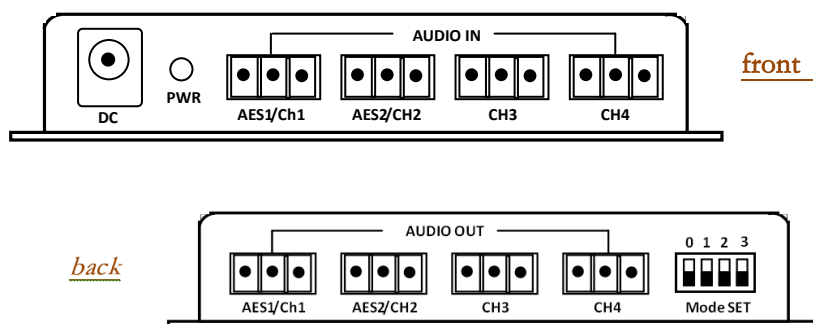
### Description

Based on Mini BOX platform, MIO-AD-AUD is a small converter which can change analog audio to AES or AES to analog audio to AES. It realizes conversion from four channel balanced analog audio to two group digital audio with 24 bit processing effectively, and vice versa. All these are controlled by the switch.

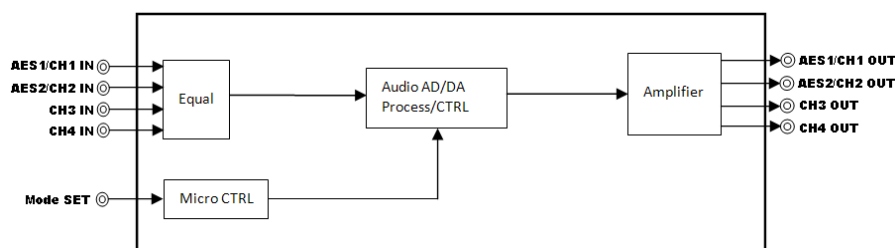
The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

Be known for compact function, the converter is widely used in variety of environments, like TV program post production, studio, broadcast, etc.

### Interface (Refer to real product)



### Block Diagram



### Ordering Information

|                    |   |
|--------------------|---|
| <b>MIO-AD-AUD</b>  | Analog audio to AES converter                         |
| <b>MIO-DA-AUD</b>  | AES to Analog audio converter                         |
| <b>MIO-AUD-AES</b> | Bi-direction dual analog audio to AES audio converter |

### Key Features

- Convert four channel balanced analog audio to two group digital audio effectively, and vice versa
- Adopt 3-pin as audio interface
- Broadcast quality with 24 bit processing and 48KHz audio sampling
- Indicate lights tell the states of source signal and power immediately
- Based on Mini BOX platform, with high performance, widely used in the fields of studio, broadcast and other places

### Specifications

#### Analog Audio Input/Output:

|                    |   |
|--------------------|---|
| Interface:         | 4* 3pin connector (balanced)              |
| Impedance:         | 600 ohms                                  |
| Frequency reponse: | 20Hz-20Khz <math>\pm 0.25\text{dB}</math> |
| Max level:         | +24dBu                                    |

#### Digital Audio Output/Input:

|            |                              |
|------------|------------------------------|
| Interface: | 4*3-pin connector (balanced) |
| Impedance: | 110ohms                      |

#### Status Indication:

Power states (Indicate by shining or extinguishing of the red and green LED)

#### Physics:

|        |                 |
|--------|-----------------|
| Power: | 9VDC 1.6A       |
| Size:  | 123mm*92mm*29mm |