MIO-AUD-DELAY-SDI

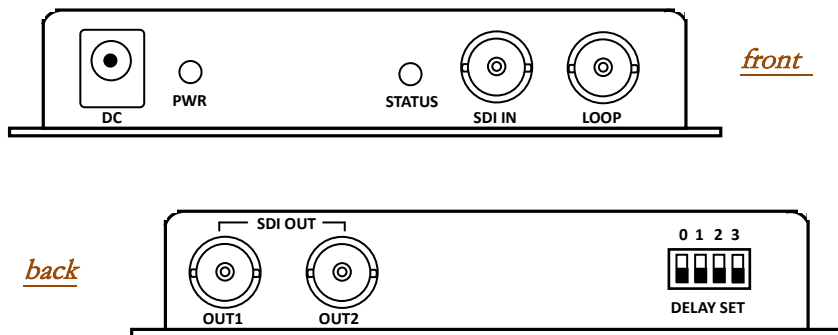## SDI embedded audio delayer

GeFei-Tech
www.gefei-tech.com

Description

Based on Mini BOX platform, MIO AUD-DELAY-SDI is a small delayer which can delay SDI embedded audio.
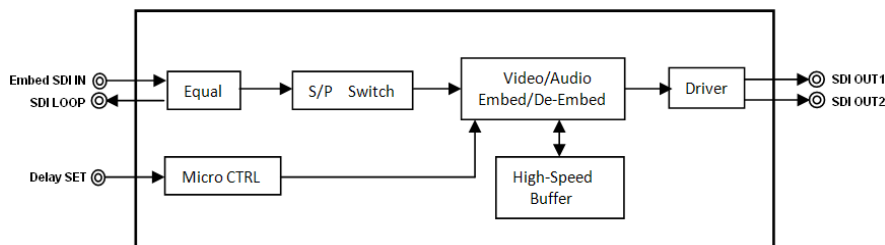
The delayer can adjust the delay time by frame through the dial switch, up to 170ms, with 48KHz audio sampling. It's very popular with professional and paraprofessional audio production fields.

It's reliable to extend more devices by the loop interface. The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

Key Features

➢ Widely used for professional audio delay

➢ Adjust delay time by frame

➢ Up to 170ms, 48KHz audio sampling.

➢ Inner fast buffer makes sure accurateness

➢ 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

Interface   (Refer to real product)

front

DC   PWR   STATUS   SDI IN   LOOP

back

SDI OUT   OUT1   OUT2   0 1 2 3   DELAY SET

Specifications

Digital Video Input：

Input interface：	1*SDI, BNC connector	
Impedance：	75 ohms	
Format：	SMPTE 259M-C；270Mb/s	
Max cable length：	<200m (Belden8281)	

Digital Video Output：

Output interface：	3*SDI, BNC connector（one loop）	
Impedance：	75 ohms	
Format：	SMPTE 259M-C；270Mb/s	
Jitter：	<0.2UI	
Amplitude：	800mV±5%	

Status Indication：

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

Delay time:

Up to 170ms

Physics:

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

Block Diagram

Embed SDI IN — Equal — S/P Switch — Video/Audio Embed/De-Embed — Driver — SDI OUT1
SDI LOOP — SDI OUT2
Delay SET — Micro CTRL — High-Speed Buffer

Ordering Information

MIO-AUD-DELAY-SDI   SDI embedded audio delayer
MIO-AUD-DELAY-HDSDI   HD-SDI embedded audio delayer