MIO-VSD-HD-RC

1 in/ 4 out HD/SD-SDI Re-Clocking Video distribution amplifier

Description

Based on Mini BOX platform，MIO-VSD-HD-RC is a small distribution amplifier which can distribute one HD/SD SDI to four. The box not only can easily amplify the source signal (embedded audio also are supported), but also can recover the clock after that, so does ASI. For safety and reliability, it supports outputting the source signal when power down.

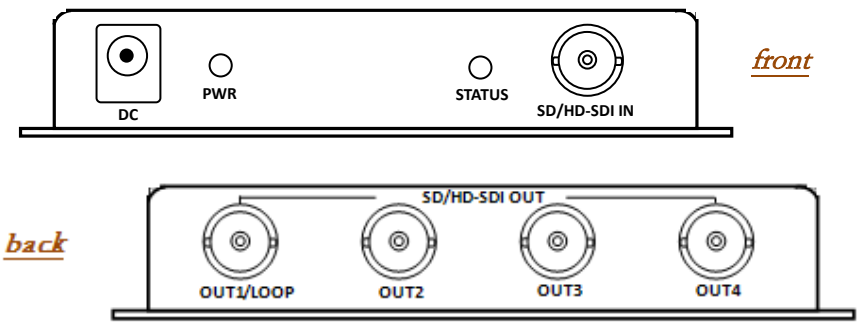
The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

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

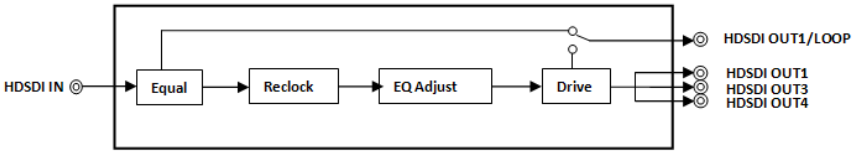
Key Features

- Support HD/SD-SDI and ASI
- Support embedded audio, and amplify with 20 bit processing and reclock
- Support output the source signal directly when power down
- 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)



Block Diagram



Specification

Digital Video Input:

Input interface:	1*HD/SD-SDI, BNC connector
Impedance:	75ohms
Format:	SMPTE 292M; 1.5Gbit/s SMPTE 259M-C; 270Mb/s
Max cable length:	<200m (Belden 8281)

Digital Video Output:

Output interface:	4*HD/SD-SDI, BNC connector
Impedance:	75ohms
Format:	SMPTE 292M; 1.5Gbit/s SMPTE 259M-C; 270Mb/s
Amplitude:	800mV±5%
Jitter:	<0.2UI

Status Indication:

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

Physics:

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

Ordering Information

MIO-ADA	1 in/ 4 out analog audio distribution amplifier
MIO-VDA	1 in/ 4 out analog video distribution amplifier
MIO-VSD	1 in/ 4 out SDI video distribution amplifier
MIO-VSD-RC	1 in/ 4 out SDI Video Re-Clocking distribution amplifier
MIO-VSD-HD	1 in/ 4 out HD/SD-SDI video distribution amplifier
MIO-VSD-HD-RC	1 in/ 4 out HD/SD-SDI Re-Clocking Video distribution amplifier

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