Based on Mini BOX platform，MIO VSD-HD-RC is a small distribution amplifier which can distribute one HD/SD SDI(embedded audio also are supported) to four. For safety and reliability, it supports outputting the source signal when power down.
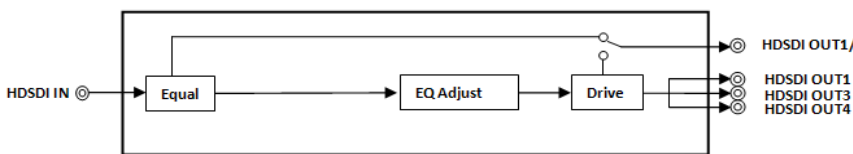
The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.　Be known for compact function, the amplifier is widely used in variety of environments, like TV program post production, studio, broadcast, etc.

Function characteristics

- ➢ Support HD/SD-SDI
- ➢ Support embedded audio, and amplify with 20 bit processing
- ➢ 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

Principle diagram and connect Interface

Specification parameter

Digital Video Input：

Input interface:	1*HD/SD-SDI, BNC　75ohms
Format:	SMPTE 292M；1.5Gbit/s
	SMPTE 259M-C；270Mb/s
Max cable length:	<100m (Belden 1694A)

Digital Video Output：

Output interface:	4*HD/SD-SDI, BNC　75ohms
Format:	SMPTE 292M；1.5Gbit/s
	SMPTE 259M-C；270Mb/s
Amplitude:	800mV±10%
Jitter:	<0.2UI(100kHz)

Status Indication：

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

Physics:

Dimension:	123mm*92mm*29mm
Power:	DC 12V/1.5A

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 ReClocking 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 ReClocking Video distribution

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