

Description

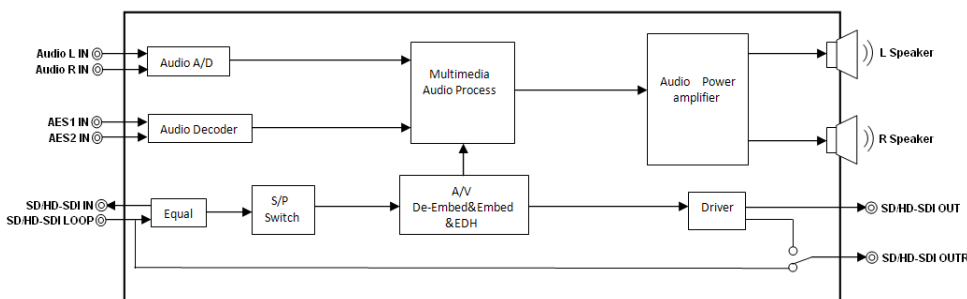
VIO ACO is an Auto change over which can monitor 3 channels HD/SD SDI input signals (Main/Backup/Assistant), and switches automatically to the subordinated one when the current selected output channel going wrong. The VIOACO automatically switches according to the following conditions, such as interruption or abnormal of signal, missing of Sync information, etc. It supplies voice and light alarm which will awake the operator to deal with the accident. The remote control panel for it also is supported, the operator can go with it more easily.

The SNMP and RS-232 control protocol are also built in the machine. All the configuration and operation can be done by many ways, which are MCU on front panel, browser, SNMP and RS-232.

Appearance & Interface



Block Diagram



Ordering Information

VIO ACO-D	SD-SDI signal auto change over
VIO ACO-D3*1	3 CH SD-SDI signals auto change over
VIO ACO-HD	HD-SDI signal change over
VIO ACO RCP	Remote control panel for VIO ACO

Key Features

- Support switching automatically according to conditions, such as interruption or abnormal of signal, missing of Sync information
- Support main channel signal Power-off-bypass.
- Switch according to the order of Main, Backup and assistant
- Supply different voices and volumes for kinds of alarm types.
- Support manual switching
- Real-time remote control and monitor
- Many control ways: front panel MCU, RCP, IE browser, SNMP and RS-232
- Standard 1U frame
- Redundant PSU unites and fans

Specifications

Reference Input:

Signal style: analog composite
 Input interface: 1*CVBS, BNC
 Impedance: 75Ω

SDI Input/I output:

Input number: 2*SDI, BNC (3CH is selectable)
 Output number: 2*SDI, BNC, (which one is bypass

output)

Signal: SMPTE 292M (1.485Gb/s, 1.485/1.001Gbps)
 Formats: HD: SMPTE 274M: 1080i59.94, 1080i50

Analog video output:

number: 1*CVBS, BNC
 Impedance: 75 ohms
 Signal level: 1Vpp
 Random S/N: -79.5dB
 Frequency response: -0.6dB to 5.8MHz
 Differential Phase: 0.54 degree
 Differential Gain : 0.14%
 MCU on front control panel:

Output alarm configuration/Sync alarm configuration

Status director:

PSU LED

Physics:

power: ≤36W 110~250V AC
 Dimension: 440mm×483mm×45mm
 Working Temperature: 0°C~35°C