

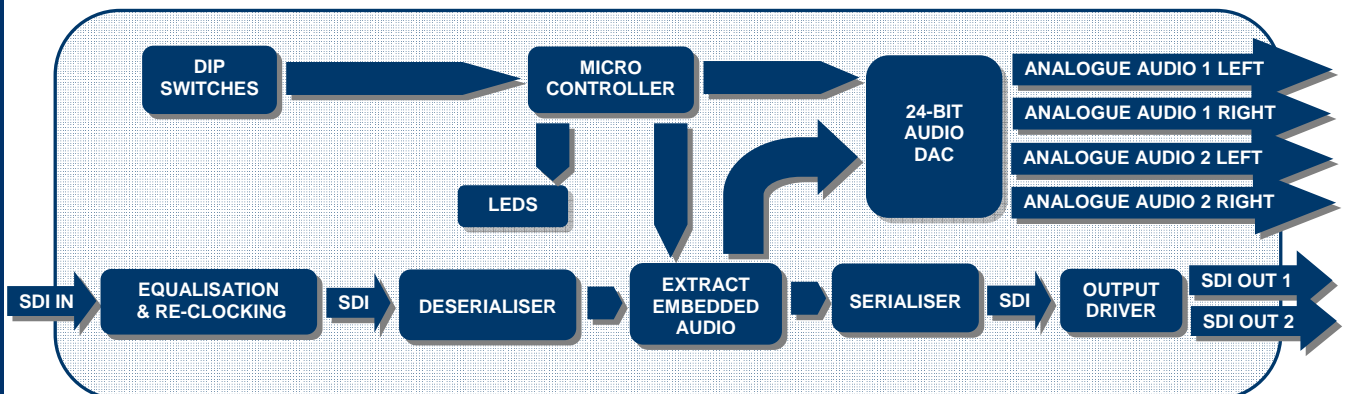


### Description

The 4262A 3G-HD-SD dual stereo analogue audio de-embedder extracts two balanced stereo analogue audio pairs from any group in the ancillary data space of an SDI signal and provides broadcast quality analogue audio outputs. Audio conversion employs high quality 24-bit DACs. Adjustable full scale output levels meet all international standards. Units can be cascaded to enable de-embedding from all four available groups (16 audio channels).

The unit automatically detects whether the SDI input is 3G, HD or 270Mb/s SD SDI. There is automatic input cable equalisation and two re-clocked SDI outputs are provided.

The unit requires an external power supply or a rack mounting frame. A 1RU frame is available which takes up to 5 units and a 2U one that takes up to 14. Audio XLR breakout cables and external power supplies are also available.



### Key features

- Automatic 3G, HD, or SD SDI standard detection
- Extracts two balanced analogue audio stereo pairs from any group
- High quality 24 bit audio DAC
- Adjustable full scale output levels to meet all international standards
- LEDs show group status and input signal presence
- Automatic input cable equalisation
- 2 re-clocked SDI outputs
- Locking connector for power supply
- Compact and rugged design
- Optional XLR breakout cable
- Optional external power supply
- Optional rack mounting frames with central power supplies

### Specifications

#### Video input

3G	SMPTE 424M & 425M-AB (2.97 & 2.967Gb/s) 1080p50/59.94/60
HD	SMPTE 292M (1.485 & 1.435Gb/s) 1080i 60/59.94/50 1080p/psf 30/29.97/25/24/23.98 720p 60/59.94/50/30/29.97/25/24/23.98
SD	SMPTE 259M-C (270Mb/s) 625i 50 525i 59.94
Number	1
Connector	75Ω BNC
Return loss	>15dB to 1.5GHz >10dB 1.5 to 2.97GHz
Cable equalisation	3G to 100m, HD to 160m, SD to 200m (Belden 1694A)

#### Video outputs

Standards	As input
Format	As input
Number	2
Connectors	75Ω BNCs
Jitter	<0.2ui peak-to-peak
Return loss	>15dB to 1.5GHz >10dB 1.5 to 2.97GHz

#### De-embedding

Standards	SMPTE 299M & 272M-C
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#### Audio outputs

Outputs	Balanced analogue audio
Number	2 stereo pairs
Connector	Female 15pin sub-D (optional XLR breakout cable)
Impedance	<50Ω
Output level	Adjustable 0dBFS = +12 to +24dBu
Quantisation	24 bit
Maximum level	+24dBu into 10kΩ

### Electrical

Voltage	6-12VDC
Power	<5W
Connector	Locking 2.5mm jack (centre +ve)
Safety	EN60950
<b>Control</b>	
Setup	6 way dipswitch
LEDs	Power, input presence & group status
<b>Other</b>	
Size (mm)	63.5 x 84 x 30 plus connectors
Weight	200g
Temperature	5°C to 40°C
Humidity	80% max (non condensing)

### Options

5CA15SD-X00	Audio cable HDD15 to 4M XLRs
4006	Desktop power supply with IEC inlet
4010	1U rack mounting frame for up to 5 units including PSU
4020	2U rack mounting frame for up to 14 units & single or dual PSUs
4021	Power supply for 4020 2U frame