

Home > Video Transmitter > Video converter

S-4609 | SDI Audio De-Embedder



- > Portable SDI to Audio De-embedder
- > 3G/HD/SD-SDI supported
- > De-embed any 2-ch from first 8-ch audio
- > Output AES/EBU audio
- > Output 6.35mm balanced audio
- > Provide 2x SDI loop output
- > Power/input/output status indicator
- > Pole-tap 6-18V DC power input
- > Heavy duty aluminium housing
- > Bottom screw threads for installing



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Features Specifications Download What's in box Optional accessory Related

SDI audio de-embedder

S-4609 is a portable mini converter of SDI audio de-embedder, supports up to 3Gb/s SDI, and can be widely used in broadcast field production and professional audio/video conversion and transmission.



Input and Output

- S-4609 provides:
- 1x 3G/HD/SD-SDI input
 - 2x 3G/HD/SD-SDI loop output (Reclocked)
 - 1x AES/EBU digital audio output (2-ch)
 - 2x 6.35mm analog audio output (balanced)
 - (If both AES/EBU audio and analog audio is connected, only AES/EBU audio outputs)

De-embed Channel Selection

By 6 switchers

S-4609 can de-embed any 2-ch audio from SDI first 8-ch embedded audios. User can select the channel number to be de-embedded by the 6 switchers on the front panel of the product. And on the rear side, S-4609 provides the description of the 6 switchers for reference.



Status Indicators

Power / SDI input / De-embed

S-4609 provides 3 LED indicators, to check if the power is connected, if the SDI input is recognized, and if de-embedded audio is delivered.

Power Supply

Pole-tap DC input

The mini converter is powered by pole-tap DC socket. The package includes an AC-DC power adaptor, and you can also connect DC cable from 6-18V batteries.



Heavy Duty Housing

The S-4609 mini converter adopts unibody aluminium alloy housing, strong for field using and protects the audio/video connectors effectively.



Installation

S-4609 provides the bottom 1/4-inch screw threads for fixing on cameras, and an installing plate is supplied in the package, for fixing on wall and binding the BNC/audio cables.



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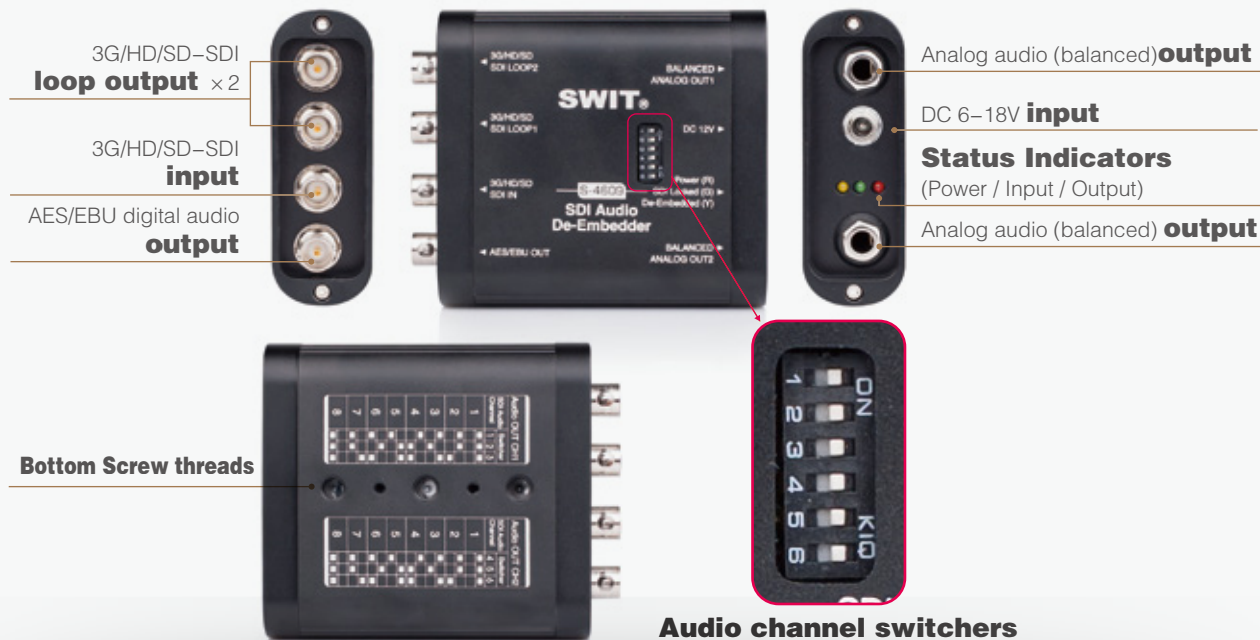
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Portable SDI Audio De-embedder S-4609

Introduction:

S-4609 is a portable mini converter of SDI audio de-embedder, to de-embed any 2 channels audio from first 8-ch of SDI, supports up to 3Gb/s SDI. It can be widely used in broadcast field production and professional audio/video conversion and transmission.

S-4609 is heavy duty housing design, protecting the BNC connectors well, and supplied various screw threads in the bottom, for convenient installing.



Features:

- ◆ Portable SDI to Audio De-embedder
- ◆ 3G/HD/SD-SDI supported
- ◆ De-embed any 2-ch from first 8-ch audio
- ◆ Output AES/EBU audio
- ◆ Output 6.35mm balanced audio
- ◆ Provide 2x SDI loop output
- ◆ Power/input/output status indicator
- ◆ Pole-tap 6-18V DC power input
- ◆ Heavy duty aluminium housing
- ◆ Bottom screw threads for installing

Specifications:

Input/Output		
Input	BNC × 1	3G/HD/SD-SDI input × 1
Output	BNC × 2	3G/HD/SD-SDI loop output × 2
	BNC × 1	AES/EBU digital audio output × 1
	6.35mm × 2	Analog audio (balanced) output × 2
Video Formats		
SDI	SMPTE-425M	1080p (60 / 59.94 / 50)
	SMPTE-274M	1080p (30 / 29.97 / 25 / 24 / 23.98)
		1080i (60 / 59.94 / 50)
	SMPTE-RP211	1080psf (30 / 29.97 / 25 / 24 / 23.98)
	SMPTE-296M	720p (60 / 59.94 / 50)
	ITU-R BT.656	576i (50)
SMPTE-125M	480i (59.94)	
Audio Formats		
Digital audio	Type	AES/EBU
	Output level	5Vp-p
	Sample frequency	48KHz
Analog audio	Max output level	+24dbu
	Bandwidth	20Hz-20KHz
General		
Power consumption	≤ 3W	
Working voltage	DC 6-18V	
Working environment	Temperature: 0°C-+50°C, Humidity: 10%-90%	
Dimension	98 × 84 × 29 mm	
Net weight	235g	

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S-4609

SDI Audio
De-Embedder

3G/HD/SD
SDI LOOP2

3G/HD/SD
SDI LOOP1

3G/HD/SD
SDI IN

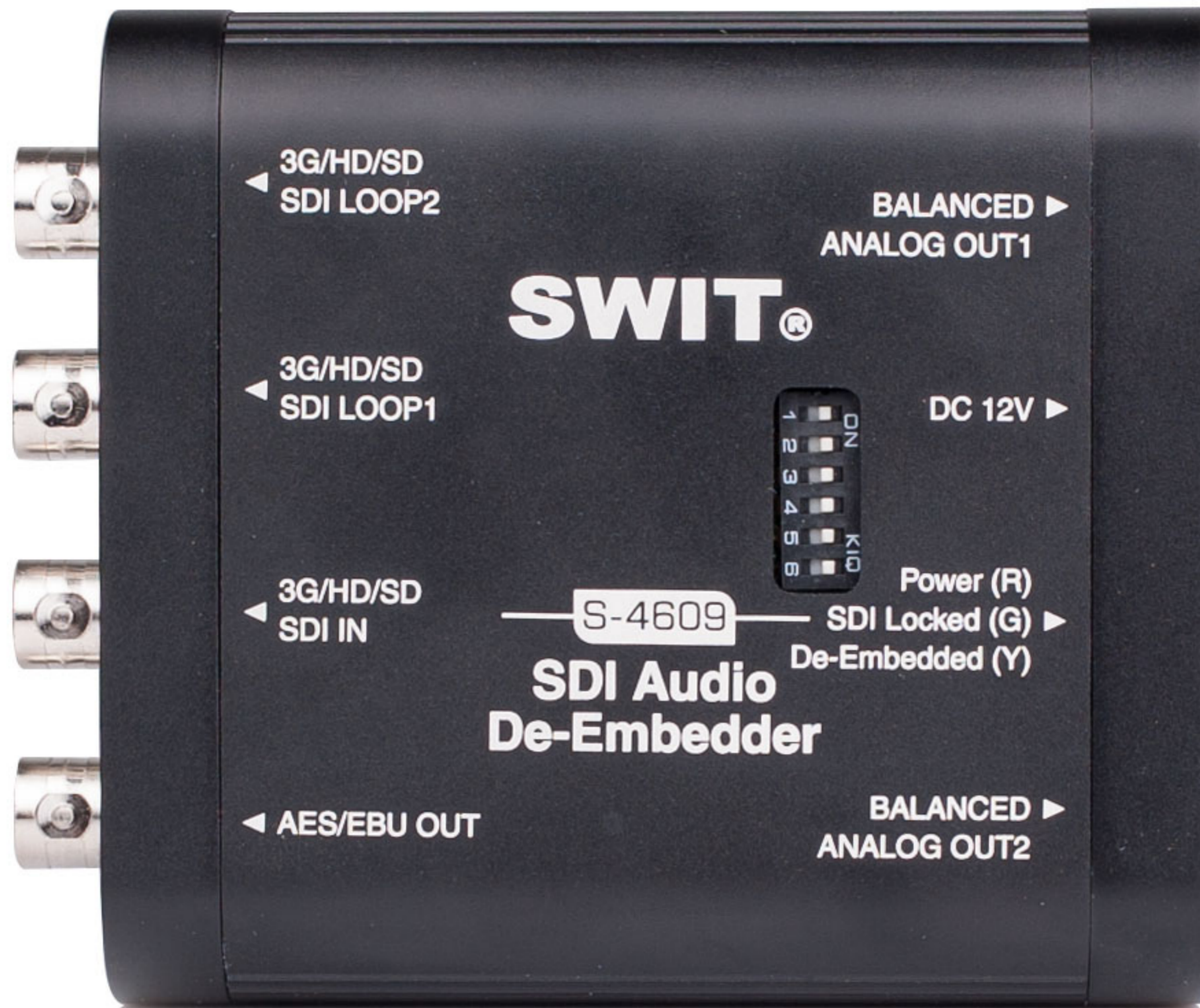
AES/EBU OUT

BALANCED
ANALOG OUT1

DC 12V

Power (P)
SDI Locked (G)
De-Embedded (Y)

BALANCED
ANALOG OUT2





Audio OUT CH1			
SDI Audio Channel	Switcher		
	1	2	3
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Audio OUT CH2			
SDI Audio Channel	Switcher		
	4	5	6
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TS11A001 No.



3G/HD/SD
SDI LOOP2

BALANCED ►
ANALOG OUT1

SWIT®

3G/HD/SD
SDI LOOP1

DC 12V ►



3G/HD/SD
SDI IN

S-4609

Power (R)
SDI Locked (G) ►
De-Embedded (Y)

**SDI Audio
De-Embedder**

◀ AES/EBU OUT

BALANCED ►
ANALOG OUT2