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S-4610 | SDI Audio Embedder



- > Portable Audio to SDI Embedder
- > 3G/HD/SD-SDI supported
- > Embed audio to any 2 channels of SDI first 8-ch positions
- > AES/EBU audio input and embed
- > 6.35mm balanced audio input and embed
- > 2x SDI output with new embedded audio
- > Power/input/output status indicator
- > Pole-tap 6-18V DC power input
- > Heavy duty aluminium housing
- > Bottom screw threads for installing



MSRP Ex TAX / Shipping

Features Specifications Download What's in box Optional accessory Related

Portable Mini Converter

SDI audio Embedder

S-4610 is a portable mini converter of SDI audio embedder, supports digital audio or analog audio to embed, and SDI up to 3Gb/s. It's widely used in broadcast field production and professional audio/video conversion and transmission.



De-embed Channel Selection

By 6 switchers

S-4610 can embed 2-ch audio to any 2 positions of SDI first 8 audio channels. User can select the channel number to be embedded by the 6 switchers on the front panel of the product. And on the rear side, S-4610 provides the description of the 6 switchers for reference.



Input and Output

- S-4610 provides:
- 1x 3G/HD/SD-SDI input
- 1x AES/EBU digital audio input (2-ch)
- 2x 6.35mm analog audio input (balanced)
- 2x New embedded 3G/HD/SD-SDI output
- *If both AES/EBU audio and analog audio is connected, only AES/EBU audio can be embed-ded

Status Indicators

Power / SDI / Embedder

S-4610 provides 3 LED indicators, to check if the power is connected, if the SDI input is recognized, and if new embedded SDI outputs.

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-4610 mini converter adopts unibody aluminium alloy housing, strong for field using and protects the audio/video connectors effectively.



Installation

S-4610 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.



Portable SDI Audio Embedder S-4610

Introduction:

S-4610 is a portable mini converter of SDI audio embedder, supports 2-ch digital audio or analog audio to be embedded to first 8 audio positions of SDI signal, up to 3Gb/s SDI. It can be widely used in broadcast field production and professional audio/video conversion and transmission.

S-4610 is heavy duty housing design, protecting the BNC connectors well, and supplied various screw threads in the bottom, for convenient installing.



Specifications:

Input/Output		
Input	BNC × 1	3G/HD/SD-SDI input × 1
	BNC × 1	AES/EBU digital audio input × 1
	6.35mm × 2	Analog audio (balanced) input × 2
Output	BNC × 2	3G/HD/SD-SDI embedded 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
	Input level	5Vp-p
	Sample frequency	48KHz
Analog audio	Max input 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	

Features:

- ◆ Portable Audio to SDI Embedder
- ◆ 3G/HD/SD-SDI supported
- ◆ Embed audio to any 2 channels of SDI first 8-ch positions
- ◆ AES/EBU audio input and embed
- ◆ 6.35mm balanced audio input and embed
- ◆ 2 x SDI output with new embedded audio
- ◆ 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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SWIT®

BALANCED
ANALOG IN1

DC-12V

3G/HD/SD
SDI OUT2

3G/HD/SD
SDI OUT1

3G/HD/SD
SDI IN

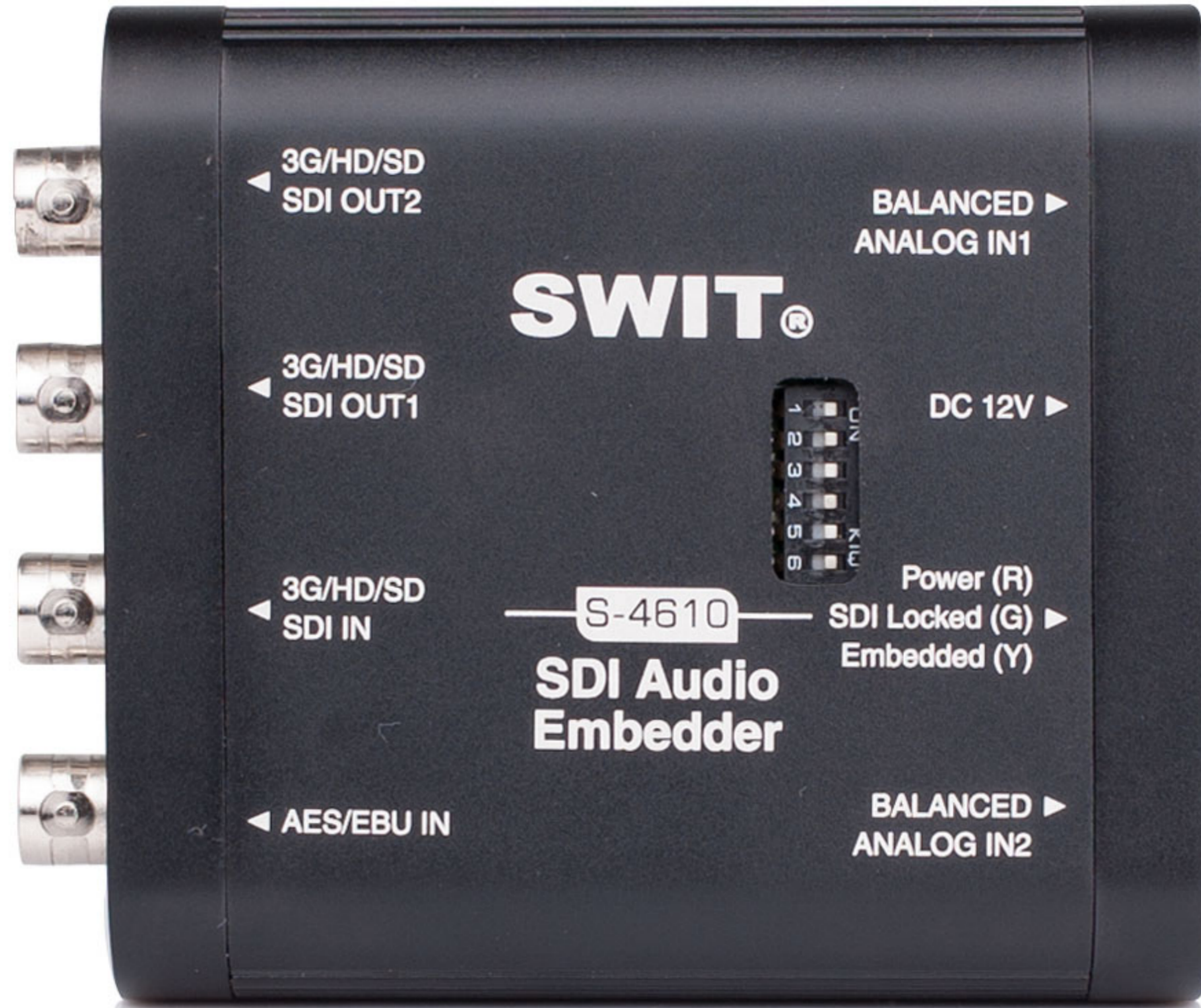
AES/EBU IN

S-4610

**SDI Audio
Embedder**

Power (R)
SDI Locked (G)
Embedded (Y)

BALANCED
ANALOG IN2



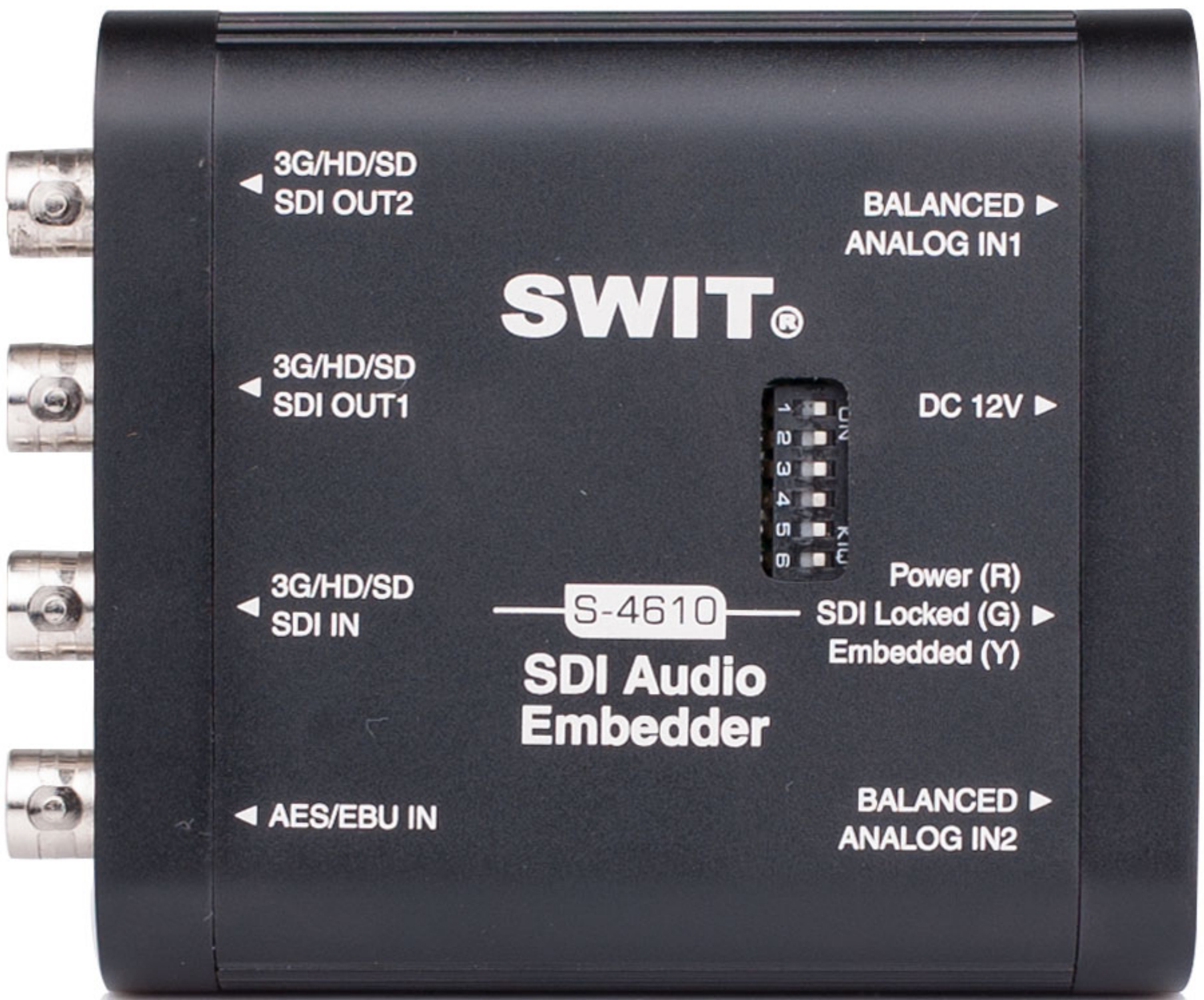


Audio IN CH1			
SDI Audio Channel	Switcher		
	1	2	3
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<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 IN 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"/>

24774000.M2





◀ 3G/HD/SD
SDI OUT2

BALANCED ▶
ANALOG IN1

SWIT®

◀ 3G/HD/SD
SDI OUT1

DC 12V ▶



◀ 3G/HD/SD
SDI IN

— S-4610 —

Power (R)
SDI Locked (G) ▶
Embedded (Y)

**SDI Audio
Embedder**

◀ AES/EBU IN

BALANCED ▶
ANALOG IN2