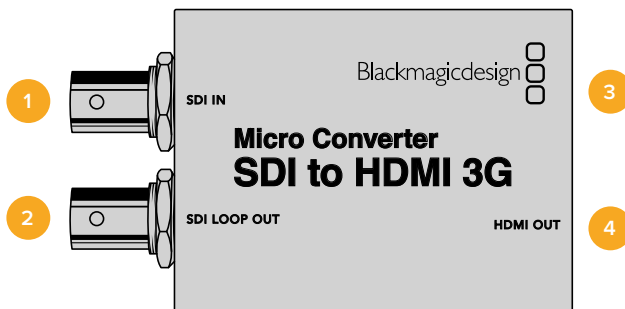


Micro Converter SDI to HDMI 3G

With Micro Converter SDI to HDMI 3G you can connect a huge range of HDMI displays and video projectors to SDI based equipment. Your Micro Converter SDI to HDMI 3G automatically detects between SD/HD/3G-SDI and converts to HDMI with embedded audio. This model can also display a 3D LUT on both the HDMI and SDI loop output.

This tiny broadcast quality converter is protected by a strong aluminum chassis and powers over USB-C, meaning you can power your Blackmagic Micro Converter via your laptop or television's USB connector using a USB-C cable. USB-C cables are used to connect some cell phones to chargers and laptops, so if you have one of these, you can use the same cable. If the USB connector on your cable is a different type, the correct cable can be purchased from most electronic equipment stores.



Connectors

1 SDI IN

Primary SDI input BNC connector. The small 'lock' LED next to the BNC connector will illuminate when an SDI input is detected and the HDMI output is connected. When flashing, the LED indicates an SDI input is present, but no HDMI output has been detected. If the LED lock light is off no SDI input or HDMI output is present.

2 SDI LOOP

Loop through output of your SDI input BNC connector.

3 USB-C / POWER

Connect 5V power using a standard USB to USB-C cable. Also connects to Blackmagic Converters Setup software via your Mac OS or Windows Computer. A small white LED light next to the USB-C port will illuminate when connected to a power source.

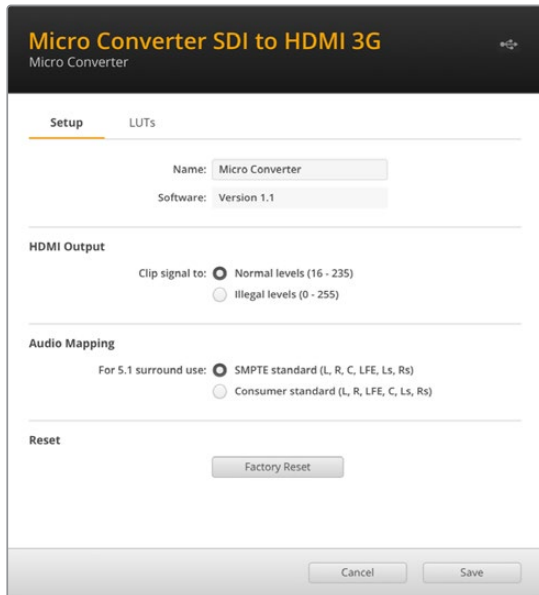
4 HDMI OUT

HDMI type A video output.

Blackmagic Converters Setup Settings

The Blackmagic Converters Setup utility can be used to change settings and update your Micro Converter's software. You can access these settings by moving between the 'setup' and 'LUTs' tabs.

The 'setup' tab features the unit name and software version along with HDMI output levels and audio mapping options for 5.1 surround.



HDMI Output

To stay within HDMI legal broadcast levels, select 'normal levels'. To allow video levels to conform to the SDI input, select 'illegal levels'. We recommend using normal levels.

Audio Mapping

For 5.1 surround, select your desired audio mapping from either SMPTE or consumer standard.

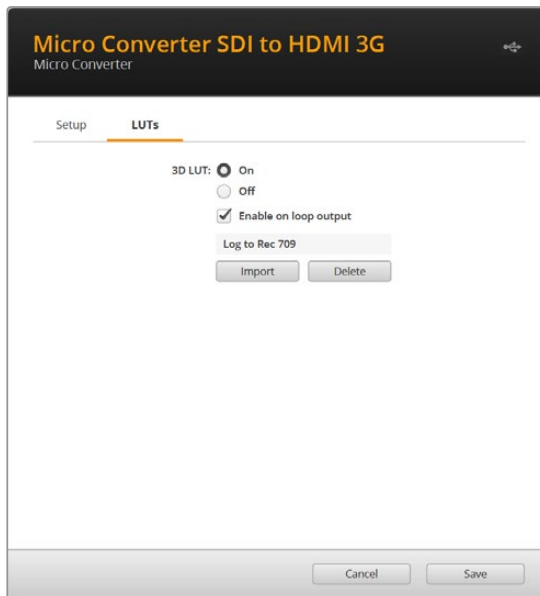
Reset

You can also reset your converter to factory settings by clicking the 'factory reset' option.

LUTs

To add a 3D LUT on the HDMI output, select 'on' and click on the 'import' button. Now navigate to the location of the LUT you want to import and select it. Click 'save'.

To add the LUT on the SDI loop out, select the 'enable on loop output' checkbox. Disable the LUT by selecting the 'off' option. To remove the loaded LUT, simply click the 'delete' button.



Micro Converter SDI to HDMI 3G Block Diagram

