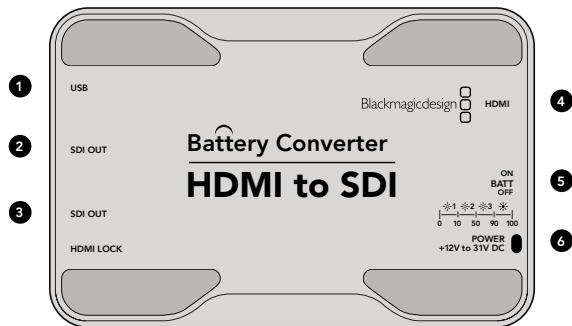


78 Battery Converter HDMI to SDI



Blackmagic Battery Converter HDMI to SDI

Convert HDMI outputs from devices such as HDV cameras and game consoles to SDI. This means you can send video signals from HDMI over SDI using the longest SDI cables. You can even add SDI outputs to computers with HDMI compatibility. Battery Converter HDMI to SDI includes a built in rechargeable battery. Connectors are recessed and protected by an aircraft grade aluminum chassis.

Connectors

1. MINI-B USB PORT

Connects to the Converter Utility software via your Mac OS X or Windows computer. The Mini Converter's internal software is also updated using the USB port.

2. SDI OUT

SDI video output BNC connector.

3. SDI OUT

Second SDI output.

4. HDMI

HDMI type A video input.

5. ON BATT OFF

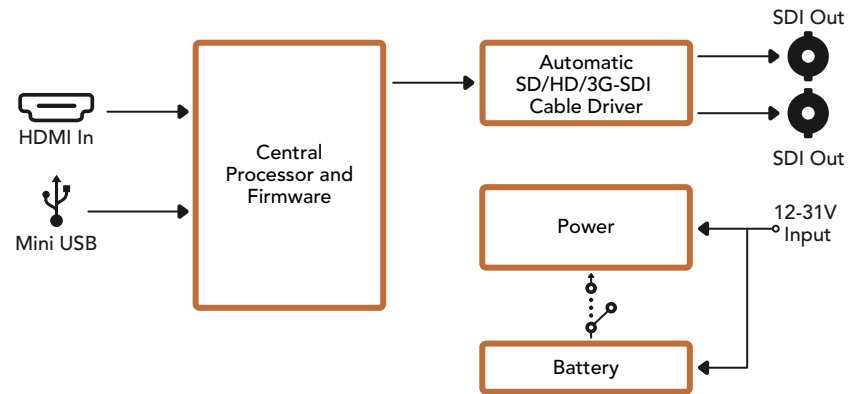
Switches battery power On or Off. When set to On, the Battery Converter will keep working even if external power is lost. When set to Off, only external power is used to ensure built in battery power is saved. The LED near the switch indicates the battery charge level by a continuous illumination for 100 percent charge, three flashes for 50 to 90 percent charge, two flashes for 10 to 50 percent charge and a single flash if less than 10 percent charge is remaining.

6. POWER +12V

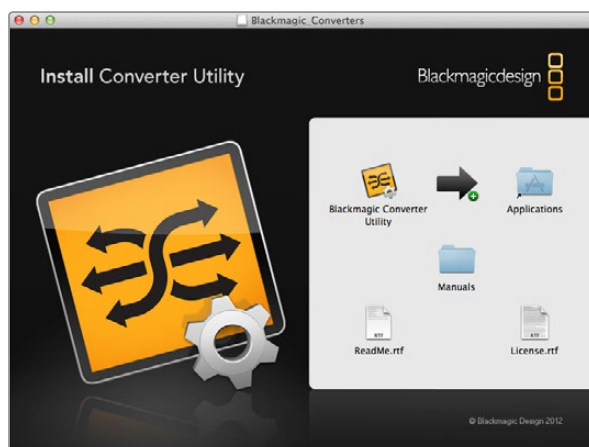
12 volt power supply input.

79 Battery Converter HDMI to SDI

Battery Converter HDMI to SDI Block Diagram



80 Using Blackmagic Converter Utility



Installing the Blackmagic Converter Utility Software

Converter Utility software can be used to update your converter to new video standards, add compatibility with new hardware or adjust video and audio levels.

Installation on Mac OS X

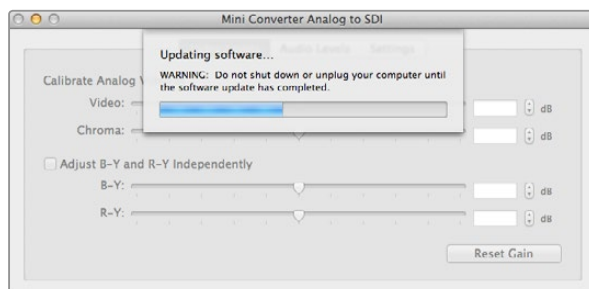
After downloading the Converter Utility software from www.blackmagicdesign.com and unzipping the downloaded file, open the resulting disk image to reveal its contents.

Drag the Blackmagic Converter Utility icon and drop it on to the Applications icon. Blackmagic Converter Utility is now installed.

Installation on Windows

After downloading the Converter Utility software and unzipping the downloaded file, you should see a Converter Utility folder containing this PDF manual and the Converter Utility installer.

Double-click the installer and follow the prompts to complete the installation. When the installation has finished, it will prompt you to restart the computer. The restart will load a USB driver for Converter Utility so that it can communicate with the converter's internal settings. Click "restart" to complete the installation. Once the computer has restarted, Blackmagic Converter Utility will be ready to use.



Updating the Internal Software

It is important to ensure that power is connected to the Blackmagic Converter before connecting a USB cable between the computer and converter.

Step 1. Power your converter.

Step 2. Attach a USB cable from the computer to the converter and launch the Blackmagic Converter Utility.

If the converter is missing or not detected, Converter Utility will report, "No converter connected" in the title bar. Otherwise, it will report the model name of your Blackmagic Converter.

If Converter Utility contains newer internal software than that currently installed in your Blackmagic Converter, it will prompt you to update. Just follow the on screen instructions to complete the update. Once the internal software update is complete, you will be able to make adjustments to your Blackmagic Converter using the Converter Utility.

Getting Help

The fastest way to obtain help is to go to the Blackmagic Design online support pages and check the latest support material available for your Blackmagic Converter.

Blackmagic Design Online Support Pages

The latest manual, software and support notes can be found at the Blackmagic Design support center at www.blackmagicdesign.com/support.

Contacting Blackmagic Design Support

If you can't find the help you need in our support material, please use the "Send us an email" button on the support page to email a support request. Alternatively, click on the "Find your local support team" button on the support page and call your nearest Blackmagic Design support office.

Checking the Software Version Currently Installed

To check which version of Converter Utility software is installed on your computer, open the About Blackmagic Converter Utility window.

- On Mac OS X, open Blackmagic Converter Utility from the Applications folder. Select About Blackmagic Converter Utility from the application menu to reveal the version number.
- On Windows 7, open Blackmagic Converter Utility from your Start menu. Click on the Help menu and select About Blackmagic Converter Utility to reveal the version number.
- On Windows 8, open Blackmagic Converter Utility from the Blackmagic Converter Utility tile on your Start page. Click on the Help menu and select About Blackmagic Converter Utility to reveal the version number.

How to Get the Latest Software Updates

After checking the version of Blackmagic Camera Utility software installed on your computer, please visit the Blackmagic Design support center at www.blackmagicdesign.com/support to check for the latest updates. While it is usually a good idea to run the latest updates, it is wise to avoid updating any software if you are in the middle of an important project.

12 Month Limited Warranty

Blackmagic Design warrants that Mini Converters and Mini Converters Heavy Duty will be free from defects in materials and workmanship for a period of 36 months from the date of purchase excluding connectors, cables, fiber optic modules, fuses and batteries which will be free from defects in materials and workmanship for a period of 12 months from the date of purchase. Blackmagic Design warrants that Battery Converters will be free from defects in materials and workmanship for a period of 12 months from the date of purchase. If a product proves to be defective during this warranty period, Blackmagic Design, at its option, either will repair the defective product without charge for parts and labor, or will provide a replacement in exchange for the defective product.

In order to obtain service under this warranty, you the Customer, must notify Blackmagic Design of the defect before the expiration of the warranty period and make suitable arrangements for the performance of service. The Customer shall be responsible for packaging and shipping the defective product to a designated service center nominated by Blackmagic Design, with shipping charges pre paid. Customer shall be responsible for paying all shipping charges, insurance, duties, taxes, and any other charges for products returned to us for any reason.

This warranty shall not apply to any defect, failure or damage caused by improper use or improper or inadequate maintenance and care. Blackmagic Design shall not be obligated to furnish service under this warranty: a) to repair damage resulting from attempts by personnel other than Blackmagic Design representatives to install, repair or service the product, b) to repair damage resulting from improper use or connection to incompatible equipment, c) to repair any damage or malfunction caused by the use of non Blackmagic Design parts or supplies, or d) to service a product that has been modified or integrated with other products when the effect of such a modification or integration increases the time or difficulty of servicing the product. THIS WARRANTY IS GIVEN BY BLACKMAGIC DESIGN IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED. BLACKMAGIC DESIGN AND ITS VENDORS DISCLAIM ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. BLACKMAGIC DESIGN'S RESPONSIBILITY TO REPAIR OR REPLACE DEFECTIVE PRODUCTS IS THE WHOLE AND EXCLUSIVE REMEDY PROVIDED TO THE CUSTOMER FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES IRRESPECTIVE OF WHETHER BLACKMAGIC DESIGN OR THE VENDOR HAS ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES. BLACKMAGIC DESIGN IS NOT LIABLE FOR ANY ILLEGAL USE OF EQUIPMENT BY CUSTOMER. BLACKMAGIC IS NOT LIABLE FOR ANY DAMAGES RESULTING FROM USE OF THIS PRODUCT. USER OPERATES THIS PRODUCT AT OWN RISK.

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