



Blackmagic Design Mini Converter - Sync Generator

ProdCode: BMDCONVMSYNC

Tri-Sync and Black Burst generator with 6 video reference outputs for SD and HD

[\[Download Images\]](#) (.zip file)

Features

- 6 crystal stabilized video reference outputs
- Updates / configure Via USB 2.0

Mini Converter Sync Generator includes 6 crystal stabilized video reference outputs for referencing all the video equipment in your studio in either high definition Tri-Sync or standard definition Black Burst television standards.

Auto Switching SD and HD

Mini Converters instantly switch between standard definition and high definition video formats and change over is automatic when the video input changes. A huge range of video standards are supported including, NTSC, PAL, 1080i/59.94, 1080i/50, 1080psf/23.98, 1080psf/24, 720p/59.94 and 720p/50 formats, plus new formats can be added via USB.

Redundant SDI Input

Mini Converters feature a unique redundant input for mission critical tasks such as broadcast or live events. You can connect a redundant cable to the second input, so if the main input is lost due to cable damage or any other cause, Mini Converter will automatically switch over to the redundant input cable. This lets you use Mini Converters in locations where crowds or the environment might cause cable damage, or lets you place Mini Converters in hard to reach locations such as roof mounted video projectors etc. A loop through SDI output is also provided for connecting to other devices. A loop-thru SDI connection is also great if you need more than 2 audio channels, as you can connect the loop-thru to another Mini Converter to de-embed extra audio channels!

New 3 Gb/s SDI Technology

Only Mini Converters include the latest 3 Gb/s SDI technology and upgrades can be loaded via the built in USB connection for future video format compatibility. 3 Gb/s SDI is also fully compatible with all your standard definition and high definition SDI equipment.

Built in AES/EBU or Analogue Audio

Standard 1/4 inch jacks are built in for balanced analogue or AES/EBU audio. Because Mini Converters use standard 1/4 inch jack connectors for all audio connections, you can use standard cables commonly available from any pro audio store. Unlike other converters, Mini Converters don't need custom cables, as any balanced 1/4 inch jack cable can be used. Mini Converters are also unique as the same 1/4 inch jack connections can be switched between professional balanced analogue audio, or AES/EBU digital audio. This means you only need one model of Mini Converter for both analogue and digital audio. You can select the type of audio from one of the mini switches on the side of the Mini Converter unit. On modes with AES/EBU digital audio in, a sample rate converter lets you connect to any AES/EBU

source, either synchronized, or un-synchronised. On HDMI models, you also have full access to the HDMI audio embedded in the HDMI video connection.

High Quality

Mini Converters are built to highest quality standards with low SDI jitter so you get the longest SDI cable lengths combined with multiple internal power supplies for ultra low noise broadcast quality analogue video and audio. Unlike other converters, Mini Converters don't use "low grade" video electronics just to save cost. Mini Converters feature the highest grade broadcast quality analogue audio and video electronics. In fact, Mini Converters uses the same analogue video design as our most expensive and award winning [Multibridge Eclipse](#)! That means you get the highest quality, all in a very affordable and incredibly compact unit.

International Power Supply

Unlike other converters, a universal power supply is included with international socket adapters for all countries. This lets you take Mini Converters with you to any location worldwide, and plug directly into the local power sockets. To stop power accidentally being disconnected, a cable tie point is included to lock down the power connection tight.

In the box:

- Mini Converter Sync Generator
- Software CD
- 12V universal power supply with international socket adapters

