

# → Blackmagic Design **DeckLink Multibrige™**



## Introducing the world's highest quality all in one analog converter and breakout box.

Introducing DeckLink Multibrige™, the first all in one analog converter that handles any conversion task in both HDTV and Standard Definition video. DeckLink Multibrige™ can connect analog decks such as Betacam SP™ to SDI, or add it to your editing and design workstation to get the ultimate SDI tethered breakout box.

DeckLink Multibrige™ handles all YUV video conversion in & out as well as composite NTSC/PAL along with 4 channels of analog XLR professional audio in & out and a massive 8 channels of AES/EBU audio in & out all on the one converter!

### **Bi-Directional Conversion**

The most exciting feature of DeckLink Multibrige™ is you can convert between SDI and analog audio and video, as well as analog to SDI, all at the same time. That's a perfect solution for connecting analog decks such as Betacam SP™ into SDI based digital systems.

DeckLink Multibrige™ will connect to any equipment in your facility and can be used as a standalone converter, SDI tethered break out box for editing systems, a high quality

4:4:4 SDI input converter for video monitors, or as an SDI audio embedder or de-embedder. DeckLink Multibrige™ also features huge 64 MB memory buffering allowing conversion from unstable analog video sources such as VHS decks.

DeckLink Multibrige™ makes an ideal breakout box for editing and design workstations because it includes all types of connections, and being fully HDTV compatible it will move with you to HD. SDI is the perfect connection for a breakout box because you can place it up to the full 300 feet SDI cable length from your editing station.

**DeckLink Multibrige™** US\$1,995  
**DeckLink Multibrige SD™** US\$1,495

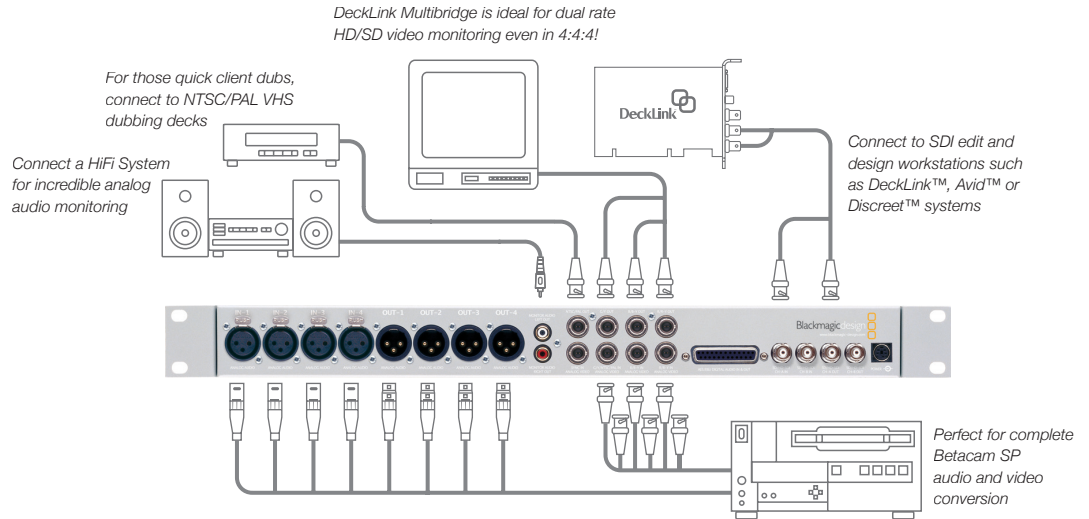




→ The world's highest quality all in one dual rate analog converter for both HDTV and Standard Definition video

#### Powerful features:

- Dual Link SD/HD-SDI 4:2:2 and 4:4:4 input and output.
- Analog HD/SD YUV RGB 14 bit 4:4:4 component video output, switchable to S-Video.
- Analog HD/SD YUV RGB 10 bit 4:4:4 component video input, switchable to NTSC/PAL/S-Video. Includes analog sync input.
- Analog composite NTSC/PAL 14 bit 5x oversampled output.
- HD format support: 1080 lines at 24p, 25p, 30p, 48i, 50i, 60i, 720 lines at 30p, 50p, 60p
- SD format support: NTSC, PAL.
- SDI compliant with SMPTE 292M, SMPTE 259M, SMPTE 296M and ITU-R BT.656.
- Color precision support: 4:2:2 10 bit, 4:4:4 10 bit, 4:4:4 12 bit
- Color space support: 4:2:2 YUV, 4:4:4 YUV, 4:4:4 RGB
- 4 Analog balanced audio inputs and 4 analog balanced audio outputs on XLR connectors.
- 8 Channels AES/EBU digital audio in and 8 Channels AES/EBU digital audio out.
- 2 Analog consumer audio outputs using RCA connectors.
- Operates as SDI embedder and de-embedder when not used for video.
- Firmware upgrade, calibration and settings via USB 2.0 for Mac OS X™ and Windows XP™
- Real time video processor for down conversion and other tasks.
- Reversible rack mount in 1 Rack Unit size. Mount for breakout box or traditional converter operation.
- Two models, Dual Rate HD/SD or lower cost Standard Definition only.



#### The World's Highest Quality Converter

With Dual Link HD-SDI 4:4:4 support combined with 14 bit digital to analog conversion, there is simply no better quality video converter available. This means you always have the extra quality needed to accurately convert 4:4:4 video with true 14 bit precision.

The Dual Link 4:4:4 television standard contains additional color detail on the second HD-SDI link for full RGB color bandwidth, as well as an extra 2 bits per color channel of extra precision for true 12 bit SDI. Only DeckLink MultibrIDGE™ has the converter precision to take advantage of 4:4:4 quality levels even when working with 12 bit log video.

There is no better quality analog converter available than DeckLink MultibrIDGE!

#### Analog and Digital Audio Support

DeckLink MultibrIDGE™ supports both analog and digital audio conversion. For analog, an incredible 4 channels in and out of balanced +4dB audio on standard XLR connectors is included as standard.

8 channels of AES/EBU digital audio in and out is also built in on an industry standard multi channel DB-25 connector. Analog or AES/EBU audio can be embedded and de-embedded into any SDI audio group in either HD-SDI or standard definition SDI.

For audio monitoring, DeckLink MultibrIDGE™ features high quality unbalanced audio outputs on RCA connectors. This lets you use lower cost HiFi equipment for in-suite monitoring.

#### USB Control & Firmware Updates

DeckLink MultibrIDGE™ features digital level adjustments controlled via USB, eliminating level drift common on converters that use mechanical potentiometer adjustments. Using the USB 2.0 connection on the

front panel you can change settings and fine tune video levels simply by plugging into the front of the converter.

That's perfect if you need to view rack mounted waveform monitors while making adjustments. Software updates are via USB and this lets you easily update your DeckLink MultibrIDGE™ when new features are released.

#### Real Time Video Processor

With a massively powerful real time video processor and huge 64MB buffer memory, DeckLink MultibrIDGE™ can be updated for future processing features such as down conversion, title safe markers, logo keying and even video legalization. Check the Blackmagic Design web site for information on supported real time processing features.

#### Reversible Rack Mount

DeckLink MultibrIDGE™ was designed with reversible rack mounting letting you mount connectors forward for breakout box use, or mount connectors to the rear, as a traditional analog converter. Power connectors are positioned on both the front and rear panels so you can always hide power cabling.

#### Two Great Models

With two great models to choose from, you can get the best solution for your needs. DeckLink MultibrIDGE™ is dual rate and operates in both Standard Definition and High Definition, while DeckLink MultibrIDGE SD™ is a lower cost model that operates in Standard Definition only - great when HD support is not required.

**Blackmagicdesign**  
Leading the creative video revolution