



# MD-HX

MINIATURE (3G/HD/SD)-SDI / HDMI CROSS CONVERTER  
with Scaling and Frame Rate Conversion

## PRODUCT FEATURES

- Robust Aluminium Case
- Features the following 14 modes:
  1. SDI IN to HDMI and SDI OUT
  2. SDI IN to SDI OUT and HDMI IN to HDMI OUT
  3. SDI IN to SDI OUT and Scaled SDI IN to HDMI OUT
  4. SDI IN to SDI OUT and Scaled HDMI IN to HDMI OUT
  5. HDMI IN to SDI OUT and SDI IN to HDMI OUT
  6. HDMI IN to HDMI and SDI OUT
  7. HDMI IN to SDI OUT and Scaled SDI IN to HDMI OUT
  8. HDMI IN to SDI OUT and Scaled HDMI IN to HDMI OUT
  9. Scaled SDI IN to SDI OUT and SDI IN to HDMI OUT
  10. Scaled SDI IN to SDI OUT and HDMI IN to HDMI OUT
  11. Scaled SDI IN to HDMI and SDI OUT
  12. Scaled HDMI IN to SDI OUT and SDI IN to HDMI OUT
  13. Scaled HDMI IN to SDI OUT and HDMI IN to HDMI OUT
  14. Scaled HDMI IN to HDMI and SDI OUT
- Includes the same Down Up Cross Converter from our multi-award winning MD-DUCC, allowing either the HDMI or SDI input to be scaled and/or frame rate converted to the required standard.
- Includes 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.
- The audio pairs in the SDI and HDMI outputs can be rearranged as required.



- The MD-HX is a truly portable converter, that incorporates our new easy to use LCD and button control system. This gives you easy access to all of the amazing features that have been unavailable without a computer until now. The days of having to play with annoying dip switches or having to carry around a computer to change a simple setting are gone.
- This unit also includes:
  - USB port for control and firmware updates
  - Metal Thread Locking DC Power Socket
  - Power Supply, HDMI Cable and USB Cable

## SPECIFICATIONS

<b>SDI FORMATS</b>	3G:SMPTE 424M@2.97 and 2.967Gb/s • 1080p@60/59.94/50Hz HD:SMPTE 292M/274M/296M@1.485 and 1.435Gb/s • 1080i@60/59.94/50Hz • 1080p/psf@30/29.97/25/24/23.98Hz • 720p@60/59.94/50/30/29.97/25/24/23.98Hz SD:SMPTE 259M@270Mb/s • 625i50 • 525i59.94	<b>LCD / BUTTON MENU OPTIONS</b>	<ul style="list-style-type: none"> <li>• SDI output source from HDMI IN, SDI IN, Scaler</li> <li>• SDI output 1 is loop</li> <li>• HDMI output type and source from HDMI IN, SDI IN, Scaler</li> <li>• Scaler source, reference, format and Aspect Controls</li> <li>• Audio pair routing for HDMI and SDI output</li> <li>• LCD backlight off time</li> <li>• Back to Status time</li> </ul>
<b>INPUTS</b>	<ul style="list-style-type: none"> <li>• 1 x HDMI input</li> <li>• 1 x (3G/HD/SD)-SDI input</li> </ul>	<b>OUTPUTS</b>	<ul style="list-style-type: none"> <li>• 1 x HDMI</li> <li>• 2 x (3G/HD/SD)-SDI Active Loop-through or addition outputs</li> <li>• 2 x (3G/HD/SD)-SDI outputs</li> </ul>
<b>POWER</b>	<ul style="list-style-type: none"> <li>• +5V to +32V DC</li> <li>• Positive Centre Pin</li> </ul>	<b>DIMENSIONS</b>	79.5mm x 123mm x 29.5mm (3.1" x 4.8" x 1.2")