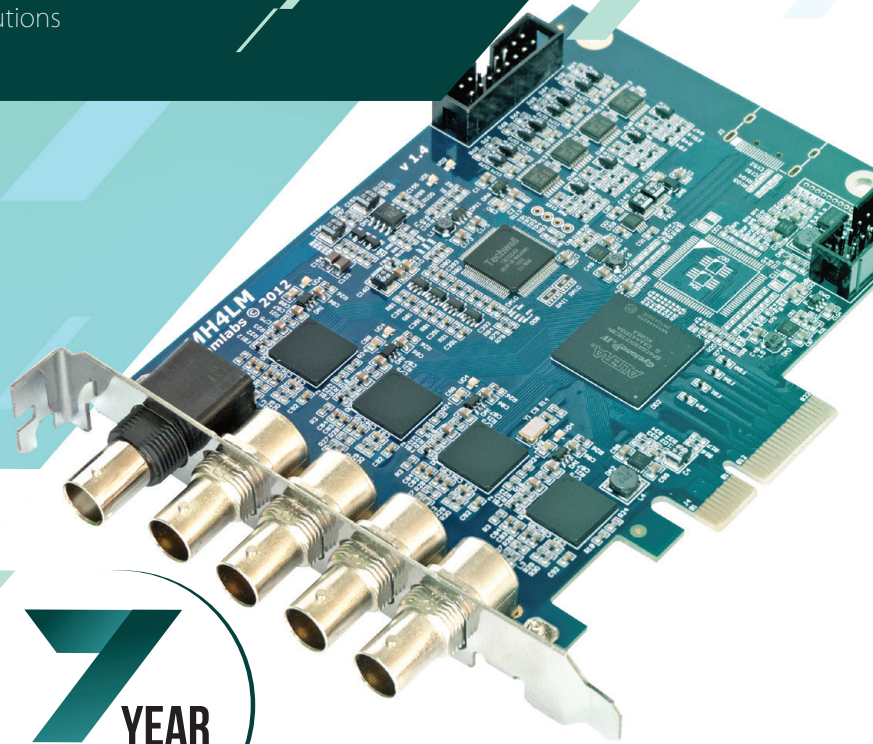




MH4LM

Quad HD/SD-SDI/CVBS
capture card



7
YEAR
WARRANTY

DESCRIPTION

Developed for capturing mixed multiply signals: HD/SD-SDI, Analog, ASI video signals at the same time, the MH4LM is the perfect solution for professional broadcast market.

This card can be used as a basis for creating Multichannel Studio Recorders and Slow Motion replay systems, MultiViewers and Recorders, Rear-projection systems and Multi-Camera virtual studios, and etc.

FEATURES

- Four independent capture channels
- Each channel switchable to HD/SD SDI, Analog, ASI
- LTC Input
- 4-x line PCIe interface
- Multiple cards can be placed in a single system
- Traditional BNC connectors
- Hardware Scaling for MH4LM-30
- VANC (SMPTE-334M) for MH4LM-22

FREE SDK/TOOLS/DRIVERS

- Windows 7,8,10,Server 2008/12 (32 and 64 bit)
- Stream Labs API
- Direct Show Filter
- Examples for integration in SW and Tools for HW tests
- Support V4L2 and ALSA
- Free Sources for C programming language
- Medialooks SDK

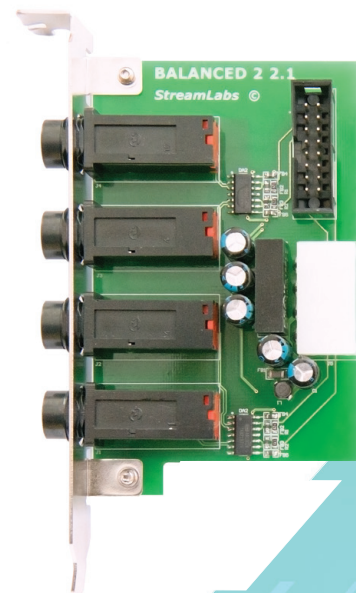
BALANCED AUDIO CARD



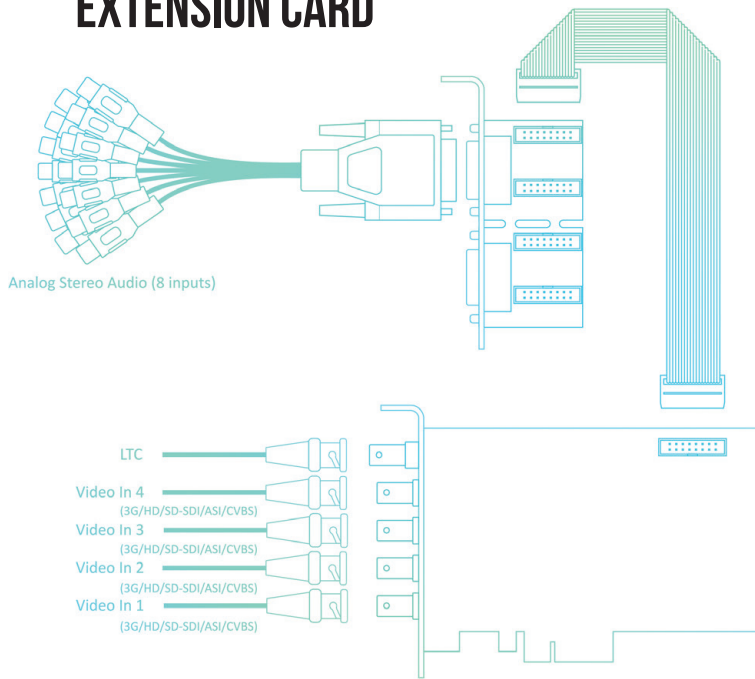
“ The balanced connection to MH4LM via new Stream Labs balanced card is great because it supports long runs without RF or other interference that's typical in an unbalanced feed. ”

RUSHWORKS.TV

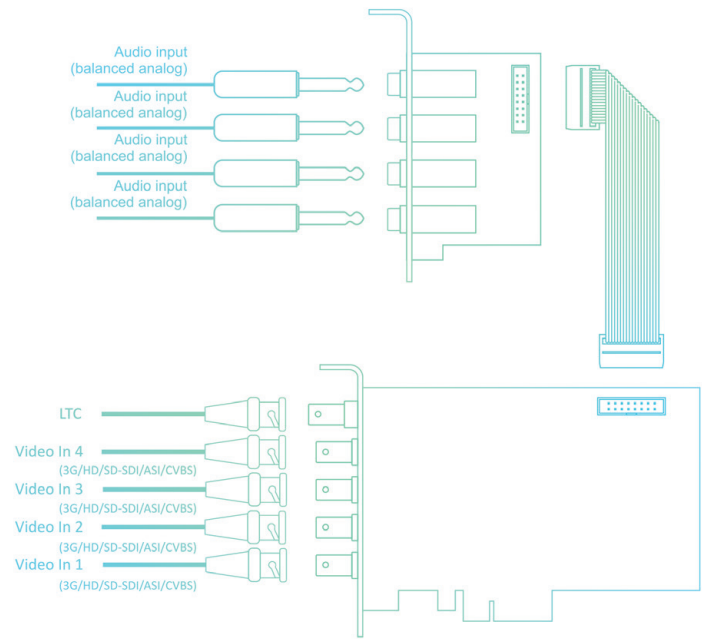
- Two independent sound processing stereo channels
- Ability for connection 2 Audio cards for one MH4LM video card
- Studio true +4dBu line level balanced stereo input & output
- XLR and/or TRS connectors available upon request
- Consumer -10 dBv unbalanced stereo input & output
- Jack 3,5 mm and/or RCA connectors available upon request
- Top quality special analog audio ICs
- Balanced channel input and output impedance - 600 Ohm
- Unbalanced channel input impedance - 12 kOhm, output impedance - 10 Ohm
- Optimized low noise power supplies and decoupling filters in analog part



CONNECTION TO ANALOG AUDIO EXTENSION CARD



CONNECTION TO BALANCED CARD



SPECIFICATIONS

Channel quantity	4 Ch HD/SD-SDI/Analog	Option Analog Audio Connector Type	4 XLR pairs for Balanced Analog Audio through Balanced card and breakout cables
HD-standards	720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080i50, 1080i59.94, 1080i60, 1080i50, 1080i59.94, 1080i60	Capture Analog Audio	24 bit/48KHz
SD-standards	625/25 PAL, 525/29.97 NTSC, 525/23.98 NTSC	Program switching standards	DVB-ASI/HD/SD-SDI/CVBS for each input
Analog Video Standards	NTSC(M/4.43) / PAL(B/D/G/H/I/K/L/M/N/60)/SECAM	ASI Specification	DVB-ASI (coax) EN50083-9; Rx bitrate 0- 214Mbit/s
Hardware scaling	Input HD/SD-SDI/CVBS video(MH4LM-30 only)	Compensation ASI	Compensation cable and automatic ASI inversion
Color Depth	8 - bit	SDI Specification	SMPTE 259M, SMPTE 292M, SMPTE 372M, ITU-R BT.656 and ITU-R BT.601.
Digital Audio	SDI Embedded Audio(16 Ch per input)	PCI interface	PCIe 1 x4
Analog Audio Connector Type	4 RCA L+R pairs for Unbalanced Analog Audio through SBCC card and breakout cables	Power consumption	5W
		Firmware Update	via PCI Express
		Size	132x86

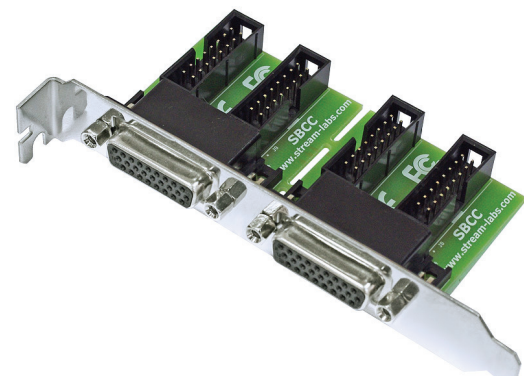
MODELS

MH4LM-22 - Supports VBI, what allows working with subtitles, CC, teletext and timecode.

MH4LM-30 - Does not support VBI. Can perform Hardware Scaling, what downgrades PC hardware configuration and reduces load on a PC bus.

ANALOG AUDIO EXTENSION CARD

**FREE ANALOG AUDIO EXTENSION
CARD INCLUDED**



www.stream-labs.com

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