

SPECIFICATIONS
mif4 midi timecode interface
revision 1.0, december 2010



LTC input:	XLR 3-pin female, balanced, pin 1 = GND, 2 = (+), 3 = (-), source 1k ohm, short circuit proof. reads forward, reverse and stationary timecode at 5 to 500% of nominal speed (SMPTE 12M). input level tolerance -30 to +20dBu.
LTC output:	XLR 3-pin male, balanced, pin 1 = GND, 2 = (+), 3 = (-). outputs nominal forward and stationary timecode (SMPTE 12M). output level adjustable from 0.. +8dBu (5.5Vpp).
MIDI input:	5-pin DIN connector, MIDI specification 1.0. MTC quarter frames, MTC full message, MMC stop, play, defplay, locate, Rosendahl Sysex.
MIDI output:	5-pin DIN connector, MIDI specification 1.0. MTC quarter frames, MTC full message, Rosendahl Sysex.
USB:	USB type B, device class compliant MIDI (USB audio). plug & play with windows XP or later, MAC OSX. MTC quarter frames, MTC full message, MMC stop, play, defplay, locate. Rosendahl Sysex.
Sync input:	BNC, internally terminated, 300mV sync, +/- 300mV tri-level. auto detection of the following video standards: 576i47.95, 576i48, 576i50(PAL), 480i59.94(NTSC), 480i60, 720p50, 720p59.94, 720p60, 1080i47.95, 1080i48, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60.
Power:	USB bus powered, 5V DC, < 300mA via host computer or stand alone operation with separate external power adapter.
Dimensions:	0.56" 7-segment LED display. 44mm (H =1U) x 168mm (W) x 110mm (D without BNC connector), 1U rackmount brackets are included, weight 0.6 kg.