

mif3

The Professional Midi Time Code Box

description

The MIF3 generates LTC and MTC simultaneously from LTC or MTC sources.

Consequently the box can be used as LTC to MTC and MTC to LTC converter as well as

LTC and MTC refresher.

Rosendahl sync algorithms suppress time code jitter and drop outs to allow the use of unstable, jittery MTC sources produced by most PC and MAC based audio workstations.

In the generator mode the unit works as a MMC (Midi Machine Control) controlled virtual machine with MTC and LTC outputs. Most DAW and MIDI-Sequencer programs can output MMC commands for start, stop and locate functions.

The time code outputs follow positional, reverse and looped time code.

Instant cue software stops and restarts the time code slaved systems when the master time code is looping or jumping. Eight internal DIP switches serve to enable special functions as midi output mode for cueing, time code standard conversion (electronic gear box), time code speed measurement and the standard default setting.

The interface has a robust aluminium housing, a large 7-segment LED display and a built-in power supply. An optional rackmount kit for fitting the unit into a 19" rack is also available.



- Generates LTC and MTC from LTC or MTC
- MMC (midi machine control) controlled MTC/LTC generator
- Digital MTC jitter filter allows the use of unstable MTC sources
- Instant cue software follows looping on tapeless systems
- Electronic gear box for time code standard conversion from 24, 25, 30 to 24, 25, 30 fps

ROSENDAHL

Rosendahl Studiotechnik GmbH,
Andechser Straße 5, 86919 Utting, Germany
Tel. +49 (0)8806 95 74 80, Fax +49 (0)8806 95 74 81
email: rosendahl.studiotechnik@t-online.de

mif3

applications



LTC time code master

video recorder / player,
audio recorder,
machine controller

LTC time code slave

time code DAT,
hard disk recorder,
tape-based digital multitrack recorder,
ltc-automated mixer

MTC slave MTC master, MMC master

digital audio workstation,
midi sequencer,
mtc-automated mixer,
hard disk recorder

specifications

LTC input

RCA female -40 to +20 dBu, 10k ohms 0,5 to 200% of playspeed, reverse and positional, format auto-detection (24, 25, 30 drop, 30 fps)

LTC output

RCA female 0-4 Vpp adjustable, 500 ohms, positional time code output for cueing (24, 25, 30 drop, 30 fps)

MIDI input

5-pin DIN, The Complete MIDI 1.0, MTC quarter frame and full messages, MMC stop, play, defplay, locate, write standard field, Rosendahl sysex

MIDI output

5-pin DIN, The Complete MIDI 1.0, MTC quarter frame and full messages, MTC quarter frame loops, MMC locate

Power

Euro two-pole, 230 VAC/30 mA or 115 VAC/60 mA version available

LED Display

8 x HP 7503, 6 mm (0,3") red

Dimensions

11,4 cm W x 3,1 cm H x 16,8 cm D,
1U-19" rackmount kit available

Weight

0,7 kg

ROSENDAHL