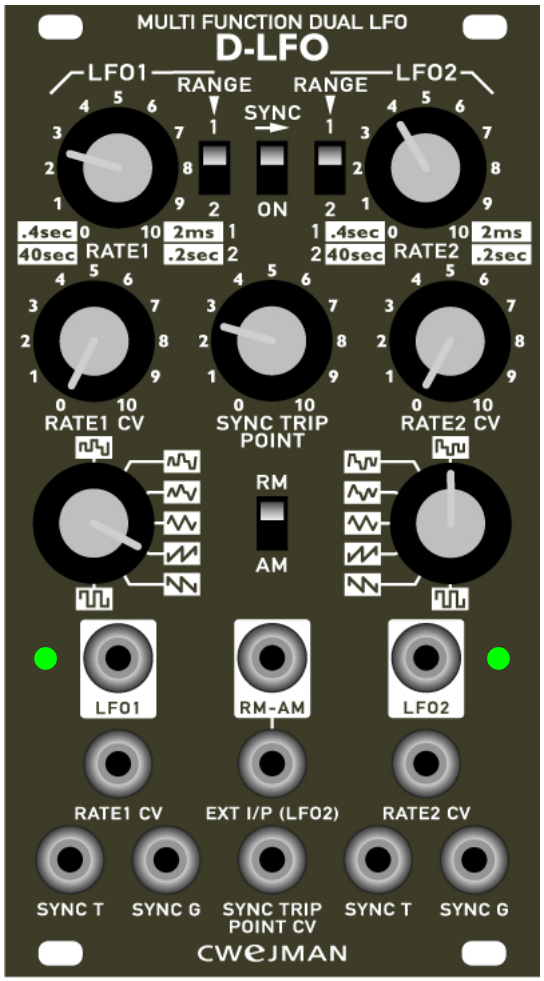
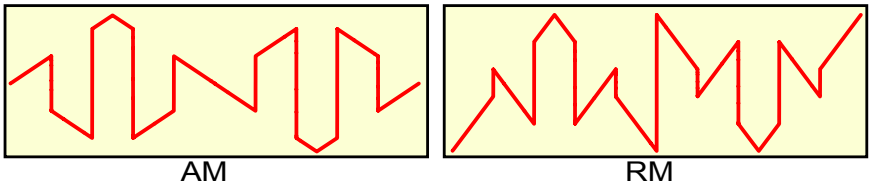
D-LFO, multi function dual low frequency oscillator

The D-LFO consists of two identical low frequency oscillators. The LFO2 can be internally sync-ed to LFO1 by an internal switch. The INTERNAL TRIP POINT control the voltage point at which the waveform is sync-ed; continuously from lowest to highest point of the waveform. Additionally the external signal can be used as sync source in two modes; the SYNC T converts the external signal to a very narrow pulse for a distinct sync and the SYNC G extract pulse width of the external signal for sync with a "steady state" sync-ed waveform. The RM/AM is a ring modulator / amplitude modulator.
It is coupled to both LFO's outputs and has a separate output "RM-AM".

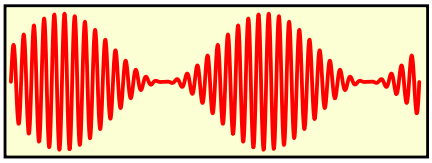
Total frequency range	100 sec to 0.2 msec
RATE1, 2	20 sec to 20 msec
WAFEFORMS	7 basic wafeforms (incl. 3 S/H)
RATE CV	leveled, 0 to 1Volt/octave
INTERNAL SYNC	
TRIP POINT	0 to 95% of waveforms amplitude
RM/AM	RM/AM mode switch
SYNC T	accept any wave shape, 2 Volts treshold, 20usec pulse width
SYNC G	accept any wave shape, 2 Volts treshold, any pulse width
Current consumption	Current 75mA
Dimensions	28.4mm (H), 70.6mm (B), 3 HE, 12 TE

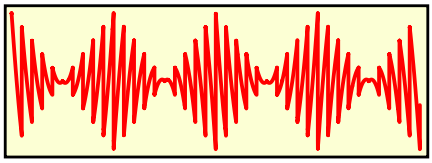


Diagrams below shows some wveforms produced by RM/AM and different sync modes.

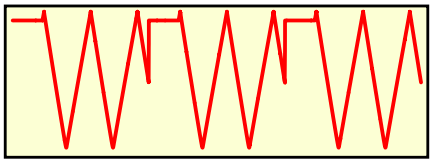

AM

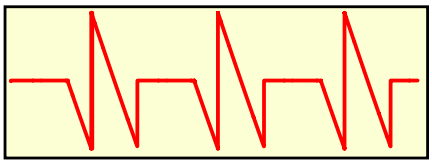
RM

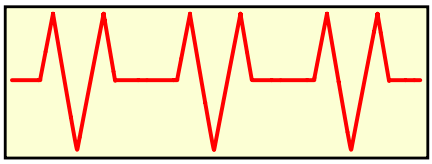

AM

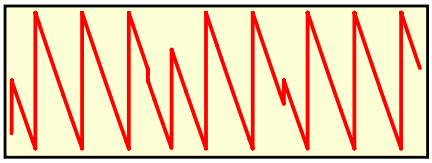

RM

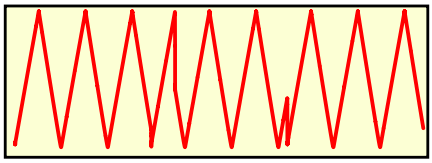

SYNC G, TRIP POINT 2


SYNC G, TRIP POINT 10


SYNC G, TRIP POINT 0


SYNC G, TRIP POINT 0


SYNC T


SYNC T