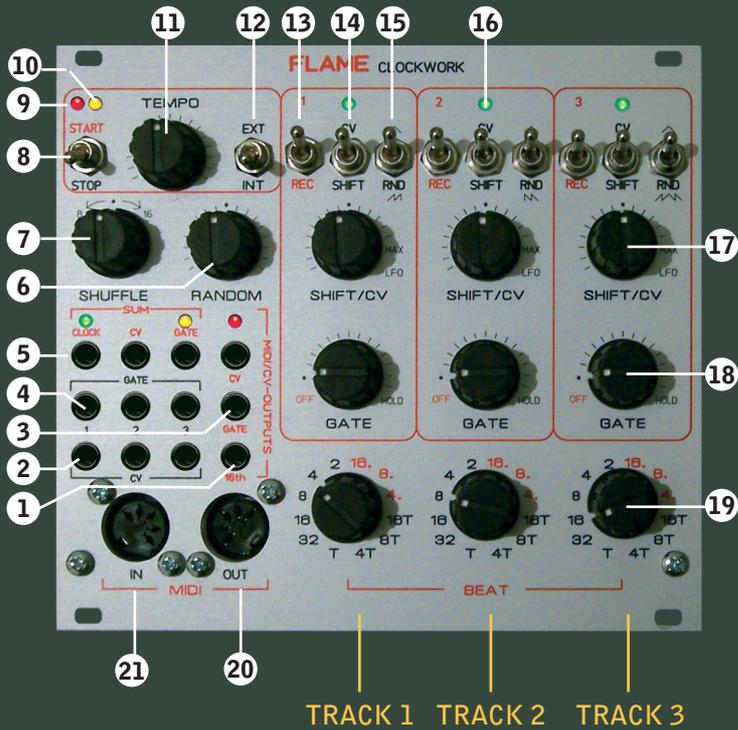


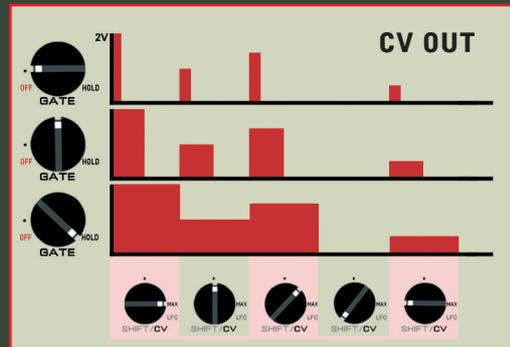
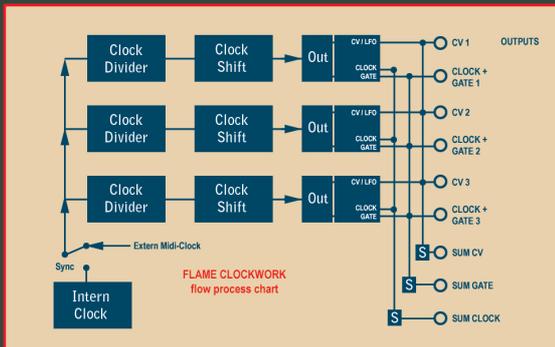


## FRONT PANEL



- 1 Output 16th Clock
- 2 Outputs CV tracks 1-3 (0..5V)
- 3 MIDI-to-CV interface (jacks CV+gate, LED gate)
- 4 Outputs clock/gate tracks 1-3 (0/5V)
- 5 Outputs sum Clock / CV / Gate
- 6 Ruler random: center position = off
- 7 Ruler shuffle: center position = off
- 8 Switch Start / Stop
- 9 LED red: Start / Stop
- 10 LED yellow: Beat (4th)
- 11 Ruler intern tempo
- 12 Switch extern/intern MIDI clock
- 13 Switches record track 1
- 14 Switch CV / Shift track 1  
or switch LFO wave (if ruler Shift / CV = LFO)
- 15 Switch random on/off track 1
- 16 LED clock/gate track 2
- 17 Ruler shift / CV / select LFO
- 18 Ruler gate: off=track off, point: gate=1 tick
- 19 Select beats
- 20 MIDI out jack
- 21 MIDI in jack

(all CV / Gate outputs: 1/8th inch (3,5mm) mono jacks)



For all figures and informations please download the detailed manual: <http://flame.fortschritt-musik.de>

### LIST OF MIDI DATA

#### MIDI-CV-INTERFACE

Recognized: MIDI-Channel 1  
Notenumbers: 24..84

#### DRUM NOTES

Transmitted: MIDI-Channel 10  
Track1: 36      Track2: 37      Track3: 42

#### CONTROLLER RULER

Transmitted: MIDI-Channel 10  
Track1: Gate: 73      Track2: Gate: 81      Track3: Gate: 84  
Shift/CV: 70      Shift/CV: 80      Shift/CV: 83

#### SWITCHES

Track:	1	2	3
Shift/CV:	64	66	68
Random:	65	67	69

### WARRANTY

Beginning from the date of purchase a 1-year warranty is guaranteed for this device in case of any manufacturing errors or other functional deficiencies during runtime. The warranty does not apply in case of:

- damage caused by misuse
- mechanical damage arising from careless treatment (dropping, vigorous shaking, mishandling, etc)
- damage caused by liquids penetrating the device
- heat damage caused by overexposure to sunlight or heating
- electric damage caused by improper connecting (wrong power supply/ jacks/ MIDI connections/ voltage problems)

If you have any complaints please contact your dealer or send an e-mail to: [service@flame.fortschritt-musik.de](mailto:service@flame.fortschritt-musik.de)

### TERMS OF PRODUCTION

conformity: CE, RoHS, UL

### DISPOSAL

The device is produced with RoHS-conformity (subject to the regulations of the European Union) and is free of hazardous substances (like mercury, plumb, cadmium and hexavalent chrome). But electronical scrap is hazardous waste. Please don't add this to consumer waste. For a environment-friendly disposal of waste please contact your distributor or specialist dealer.

### SUPPORT / CONTACT

Further informations, news, updates, downloads, tips, links, contact:

web: <http://flame.fortschritt-musik.de>

email: [service@flame.fortschritt-musik.de](mailto:service@flame.fortschritt-musik.de)