

LEPLOOP CASSA

R1 100K
 R2 68
 R3 220K
 R4 470
 R5 47K
 R6 4K7
 R7 100K
 R8 470
 R11 10K
 R12 47K
 R13 NO
 R14 NO

C1 470NF
 C2 470NF
 C3 470NF
 C4 10MF
 C5 470NF
 C6 10MF
 C7 NO

D1 NO
 TR1 BC547
 TR2 BC557
 IC1 TL072
 KATT 50KB
 KFREQ 50KC
 KRES 10KB
 KDIST 50KB
 JACK 3,5MM 3
 IC SOKET 8PIN 1
 IDC10 POWER 1

CASSA module is 3U, 4HP and have tow trig input and a trig mix pot. accepting different signal :

Trig: short trig, equal or less than 10ms will play one time, longer trig will play tow times.

Cv: you can use different cv signal like envelope, lfo for trig the modules.

Audio: cassa design is based around a stepped resonant filter, you can route audio signal to a trig input for filter and distortion effect.

TRIG MIX : The rhythm played by the Cassa is the sum of the tow trig IN1 and IN2.

The trig mix pot. adjust the mix between the tow trig input, great for create poly rhythms.

If only IN1 or IN2 are plug the trig mix pot. adjust the level of the trig in signal.

FREQUENCY: Adjusts the pitch of the sound of Cassa, also affects the resonance.

Frequency and resonance are related.

RESONANCE: Adjusts the resonance, ie the damping time of the Cassa.

Beyond a certain level the Cassa go into permanent oscillation, the level at which the oscillation begins varies with frequency.

If you keep resonance pot. to 0 moving the freq. pot can cause some scratch noise, this is normal.

DISTORTION: Adjusts the level of Cassa signal distortion.

