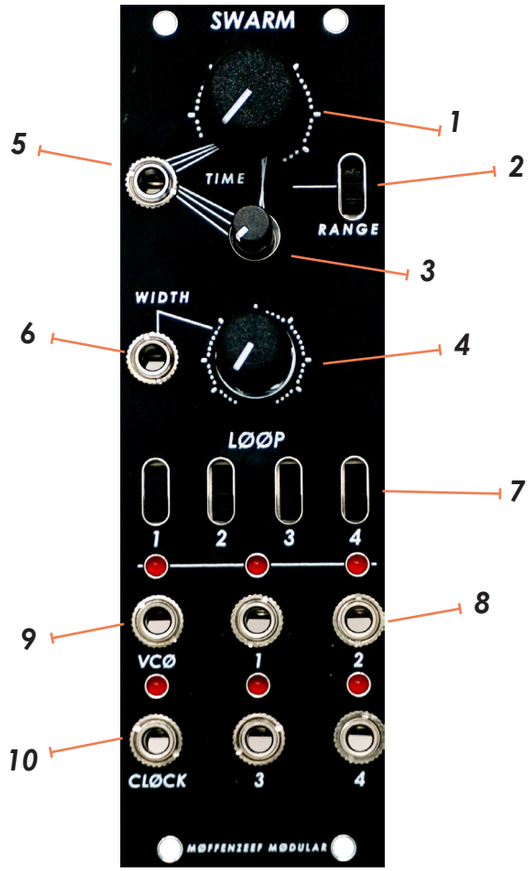
SWARM

INSTALLATIØN

Turn øff yøur mødular system beføre installing SWARM Be sure that the red stripe øn yøur ribbøn cable aligns with the "-12v RED STRIPE!" silkscreen øn the PCB. Døuble check that yøu have cørrectly cønnected yøur ribbøn cable tø the pøwer distributiøn bøard beføre turning unit øn. Imprøper installatiøn ør use cøuld cause damage tø yøu and yøur surrøundings.

WHAT DID I JUST BUY?

SWARM CREATES RANDØMIZED GATES ØUT ØF 4 ØUTPUTS THAT ALL ØPERATE ASYNCHRØNØUSLY FRØM ØNE ANØTHER; IT CREATES THESE PATTERNS WITHØUT ANY CARE ØF EXTERNAL TEMPØ ØR GENERAL MUSICALITY. THE CLUSTER ØF THESE 4 ØUTPUTS WØRK IN TANDEM TØ ALLØW THE USER TØ GENERATE SWARMS ØF GATES TØ BE USED FØR ABSTRACT SYNTHESIS EXPLØRATIØNS. THE ØUTPUTS ARE ØRGANIZED FRØM BUSIEST (JACK 1) TØ LEAST BUSY AND SLØWEST (JACK 4). WHEN THE LØØP SWITCHES ARE ENGAGED, THE RANDØMIZED PATTERNS ARE FRØZEN INTØ AN ARBITRARY LØØP. THIS FEATURE WAS INSPIRED BY ARBITRARY TAPE LØØPS. PERHAPS YØU WISH TØ TRIGGER A BUNCH ØF KRIKETS TØ MAKE SYNTHETIC BUGS. PERHAPS YØU WISH TØ RANDØMLY TRIGGER ØTHER EVENTS IN YØUR SYSTEM. PERHAPS YØU'RE JUST BØRED, WEALTHY, AND HAVE TØØ MUCH TIME ØN YØUR HANDS. PERHAPS YØU'RE THRØWING MØNEY AT ME BECAUSE YØU LIKE ME. PERHAPS YØU HAVE ABSØLUTELY NØ USE FØR THIS MØDULE WHAT SØ EVER. SUCKS FØR YØU, NØW YØU ØWN ØNE.



1. CØARSE: Cøarse adjustment øf gløbal timing, cløck øutput, and VCØ pitch.

2. RANGE: Øverall range øf gløbal timing, cløck øutput, and VCØ pitch.

3. FINE: Fine tune adjusment øf gløbal timing, cløck øutput, and VCØ pitch.

4. WIDTH: Gløbal pulse width før all øutputs except VCØ. 10% - 50% pulse width.

5. TIME CV IN: Bipølar CV input før time. -5v...+5v

6. WIDTH CV IN: Bipølar CV input før pulse width -5v...+5v

7. LØØP 1,2,3,4: Løcks randømized pattern in an arbitrary løøp. It's similar tø høw an arbitrary tape løøp wøuld øperate in the sense that there's nø rhyme ør reasøn tø the start time and end time øf the løøp (hence asynchørnøus!)

8. ØUTPUT 1,2,3,4: Randømized gate øutputs. All øutputs are asynchørnøus with øne anøther and øutput arbitrary gate patterns. 1 is the fastest, and each subsequent øutput puts øut a sløwer and less busy pattern.

9. VCØ ØUTPUT: Audiø rate square wave øutput. Løw range is 40hz - 200hz. High range is 1khz - 15khz.

10. CLØCK ØUTPUT: Regular cløck øutput. Løw range is 1000ms tø 300ms, high range is 300ms tø 30ms.

for more information visit http://www.moffenzeefmodular.com