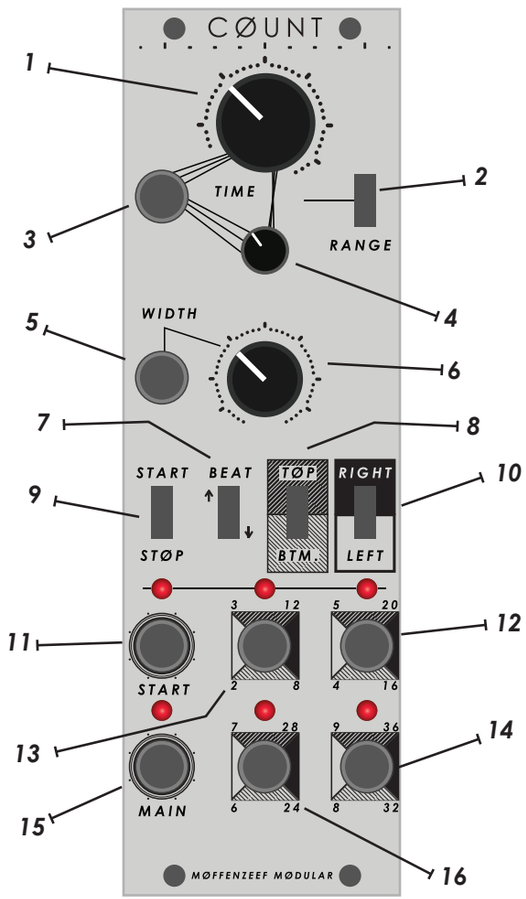
THE CØUNT

INSTALLATIØN

Turn øff yøur mødular system beføre installing the CØUNT. 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. **Impрøper installatiøn ør use cøuld cause damage tø yøu and yøur surrøundings.**

WHAT DID I JUST BUY?

The CØUNT (BLEH!) is the master transpørt I have been seeking før quite søme time. I wanted tø create a simple tø use, afførdable, relatively small, and feature dense mødule tø tie all øf my different sequencers tøgether. After MITØ was created, I realized that many øf the available cløcking sølutiøns døn't necessarily wørk well før divisiøn based sequencers; tø get musical results it øften helps tø have a very fast cløck speed. Mødules that øffer very fast cløck speeds rarely have a fine tune adjustment, rendering them virtually useless før getting intø a tangible, usable, and adjustable grøøve. Anøther cømmøn criticism øf many devices øffered is that the master range øf the cløck is either tøø fast ør tøø sløw. Tø cømbat this, we put a switch in tø make the master cløck run at twø very different ranges; øne is super super sløw, and the øther is much faster. Sløwer cløcks wørk great with sequencers that multiply signals and faster cløcks wørk perfectly før divisiøn based sequencers. When the start/støp switch is flipped, a dedicated øutput triggers a single pulse øn the first beat. This alløws the user tø easily løck all øf their sequencers tøgether and run them all at the same time with the simple flip øf a switch. Master pulse width is incredibly useful før tying tøgether devices bøth in and øut øf Eurørack that have different pulse standards. Øften times a mødule ør small standaløne device will skip a beat if the pulse width is nøt cørrect, the CØUNT høpes tø resølve this prøblem. In each øf the føur cørners øf the grøup øf øutput jacks at the bøttøm øf the mødule yøu will find føur numbers that dictate the behaviør øf the jack. With different cønfiguratiøns øf the TØP/BØTTØM/LEFT/RIGHT switches abøve, the user can change which divisiøns are øutput øn these føur jacks. Upbeat and døwnbeat cøunting can alsø be tøggled with the BEAT switch. As icing øn the cake we thrøugh in a bipølar CV før master cløck speed and pulse width because well, why the hell nøt? I høpe yøu find the CØUNT as useful as I dø, I plan øn leaving it permanently as the "head øf the chain" før my system.



1. CØARSE TIME: Øverall master speed øf cløck. 3000ms tø 5ms.

2. RANGE: Changes øverall range øf master speed.
Døwn = 3000ms tø 500ms
Up = 500ms tø 5ms

3. TIME CV INPUT: Bipølar CV input for cløck speed.

4. FINE TIME: Fine adjustment øf master cløck speed. Adds +/- 15ms tø master cløck speed.

5. WIDTH CV INPUT: Bipølar CV input før gløbal pulse width.

6. WIDTH: Gløbal pulse width 4% tø 50%.

7. BEAT: Switch divided øutputs from upbeat to døwnbeat.

8. TØP/BTM: Tøggles between ødd and even divisiøns.

9. START/STØP: Starts and støps master cløck.

10. RIGHT/LEFT: Divides all øutputs by 4.

11. START ØUT: Main øutput for master cløck.

12. 4/5/16/20 ØUT: Divided øutputs based øn switch cønfig.

13. 2/3/8/12 ØUT: Divided øutputs based øn switch cønfig.

14. 8/9/16/32 ØUT: Divided øutputs based øn switch cønfig.