

PRESS TO ADVANCE TO THE NEXT **ACTIVE** STEP

PRESS TO RESET TO THE FIRST STEP

AUTOMATICALLY RESETS TO THE FIRST STEP, WHEN PULSE SIGNAL APPEARS HERE

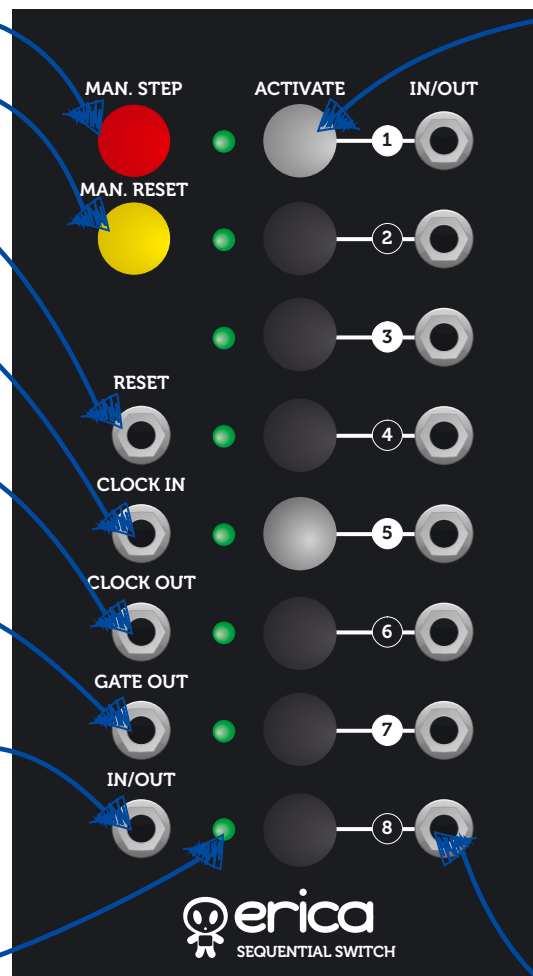
APPLY **CLOCK** SIGNAL HERE (+5V PULSE). ON THE EACH RISING EDGE OF THE SIGNAL, THE SEQUENCER WILL ADVANCE TO THE NEXT **ACTIVE** STEP

THIS IS **CLOCK THROUGH** JACK — YOU CAN SAVE ON CLOCK DIVIDERS AND USE THE SAME CLOCK SIGNAL TO CONTROL OTHER DEVICES

+5V 20MS GATE APPEARS HERE ON EACH **ACTIVE** STEP. FOR **MERGED** STEPS THE GATE LENGTH IS EQUAL TO ONE STEP LENGTH + 20MS. USE THIS TO INITIATE ADSR THAT CONTROLS VCA WHERE SEQUENTIAL SWITCH OUTPUT IS ROUTED :)

USE THIS AS **OUTPUT** IF YOU WANT TO TAKE SIGNALS FROM 8 INPUTS SEQUENTIALLY OR USE THIS AS **INPUT** IF YOU WANT TO ROUTE ONE SIGNAL SEQUENTIALLY TO ONE OF 8 OUTPUTS

- LEDS INDICATE THE STATE OF EACH STEP:
- A.** BRIGHT LED — THE STEP IS **ACTIVE**
 - B.** HALF-DIMMED LED — THE STEP IS **PAUSED**
 - C.** LED IS OFF — THE STEP IS **SKIPPED**
 - D.** BLINKING LED — CURRENTLY **ACTIVE** STEP
 - E.** TWO PERMANENTLY BLINKING ADJACENT LEDS — TWO STEPS ARE **MERGED**



USE BUTTONS TO CONTROL STEP STATES AND SEQUENCE LENGTH. INITIALLY ALL STEPS ARE **ACTIVE**.

- A.** PUSH THE BUTTON ONCE AND RELEVANT STEP WILL GO IN **PAUSE** MODE — THE SIGNAL FROM RELEVANT INPUT WILL NOT BE ROUTED TO THE OUTPUT, BUT THE STEP WILL BE SILENCED FOR ONE CLOCK PERIOD. YOU CAN ACTIVATE THE STEP AGAIN BY PUSHING THE BUTTON ONCE
- B.** PUSH THE BUTTON QUICKLY TWICE — THE RELEVANT LED WILL GO OFF AND THE STEP WILL BE **SKIPPED** — THE SEQUENCER WILL ADVANCE IMMEDIATELY TO THE NEXT **ACTIVE** STEP.
- C.** HOLD THE BUTTON AND PUSH ANOTHER BUTTON NEXT TO IT — THE STEPS WILL BE **MERGED**. IN THIS CASE THE **GATE OUT** WILL BE EXTENDED TO ONE CLOCK PERIOD. I RECOMMEND USING SIGNAL SPLITTER AND PLUGGING IN THESE TWO ADJACENT INPUTS THE SAME SIGNAL. EXIT THE MERGE MODE BY PRESSING ANY OF MERGED BUTTONS. RELEVANT STEP WILL BECOME **ACTIVE**. **SEQUENCE LENGTH** (2-8 STEPS) IS DETERMINED BY THE **LAST ACTIVE** STEP. SO, IF YOU WANT 6 STEP LONG SEQUENCE, DEACTIVATE STEPS 7 AND 8 (PUSH RELEVANT BUTTONS TWICE)

PLUG IN DIFFERENT SIGNAL SOURCES, YOU WANT TO SEQUENCE! IF YOU INTEND TO USE **MERGE** MODE, IT'S WISE TO SPLIT SAME SIGNAL TO SEVERAL INPUTS. ALSO, IF YOU WISH TO ROUTE ONE INPUT TO ONE OF 8 OUTPUTS (ONE VCO GOING TO SEVERAL VCFS/WAVESHAPERS STEP BY STEP!), FEEL FREE TO DO SO!