



erica synths

pico

TG

THANK YOU FOR PURCHASING ERICA SYNTHS PICO SERIES MODULE!

WITH PICO SERIES WE CHALLENGED OURSELVES – CAN WE MAKE ANY SUPERIOR FUNCTIONALITY SYNTH MODULE 3HP WIDE AND AFFORDABLE? YES, WE CAN.

ERICA PICO TRIGGER TO GATE MODULE IS VIRTUALLY ONLY MODULE AROUND THAT **CONVERTS TRIGGERS TO GATES** USING SMART ALGORITHMS THAT ENHANCE YOUR MUSICAL COMPOSITIONS AND RHYTHM PATTERNS. THE MODULE CAN TURN A SIMPLE TRIGGER SEQUENCER INTO POWERFUL MUSICAL PATTERN GENERATOR. THE MODULE WAS CREATED INSPIRED BY RYOJI IKEDA COMPOSITONS.

FEATURES

MANUALLY AND CV CONTROLLED GATE LENGTH
MANUALLY AND CV CONTROLLED GATE SKIPPING PROBABILITY
TRIGGERED AND INDEPENDENT MODES
INCOMING TRIGGER IN AND OUTPUT GATE CONTROL LEDS

TECHNICAL SPECS

INCOMING TRIGGER AMPLITUDE	0V - +5V (MAX +10V)
MIN INCOMING TRIGGER LENGTH	1MS
OUTPUT GATE AMPLITUDE	0V - +5V
POWER CONSUMPTION	+14MA, -9MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

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THIS KNOB DEFINES OUTPUT GATE LENGTH. IN THE TRIGGERED MODE (SEE THE MODE SWITCH) THE MODULE DETECTS INCOMING TRIGGER FREQUENCY, AND THE GATE LENGTH IS AUTOMATICALLY SET TO 1% DUTY CYCLE IN CCW SETTING, AND 100% DUTY CYCLE IN CW SETTING. IN THE INDEPENDENT MODE MAXIMUM GATE LENGTH IS 5", AND YOU CAN MERGE INCOMING TRIGGERS INTO LONG GATE. NEXT INCOMING TRIGGER WILL SET THE GATE HIGH AGAIN.

SWITCH BETWEEN TRIGGERED AND INDEPENDENT MODES! IN THE TRIGGERED MODE THE MODULE DETECTS INCOMING TRIGGER FREQUENCY AND RETRIGGERS EACH TIME THE NEW TRIGGER APPEARS, IN THE INDEPENDENT YOU CAN SET THE GATE LENGTH MANUALLY FROM 0 TO 5". AND YOU CAN MERGE INCOMING TRIGGERS INTO LONG GATES. NEXT INCOMING TRIGGER WILL SET THE GATE HIGH AGAIN.

THESE ARE GATE LENGTH AND PROBABILITY CV INPUTS. CVS ARE ADDED TO THE KNOB SETTINGS.

THIS IS TRIGGER INPUT

THIS IS GATE OUTPUT, OBVIOUSLY



THIS KNOB DEFINES PROBABILITY OF GATE LENGTH CHANGE. IN THE CCW SETTING ALL GATES ON THE OUTPUT ARE CONSTANT LENGTH, DEFINED BY LENGTH POTENTIOMETER SETTING, IN CW SETTING ALL GATES HAVE RANDOM LENGTH.

THIS LED INDICATES INCOMING TRIGGER SIGNAL

THIS LED GIVES VISUAL FEEDBACK ON OUTPUT GATE STATUS

PLEASE FOLLOW THE INSTRUCTIONS FOR USE OF THE ERICA SYNTHS MODULE BELOW, 'CAUSE ONLY THIS WILL GUARANTEE PROPER OPERATION OF THE MODULE AND ENSURE WARRANTY FROM ERICA SYNTHS.

SAFETY INSTRUCTIONS



WATER IS LETHAL FOR MOST OF THE ELECTRIC DEVICES, UNLESS THEY ARE MADE WATERPROOF. THIS ERICA SYNTHS MODULE IS NOT INTENDED FOR USE IN A HUMID OR WET ENVIRONMENT. NO LIQUIDS OR OTHER CONDUCTING SUBSTANCES MUST GET INTO THE MODULE. SHOULD THIS HAPPEN, THE MODULE SHOULD BE DISCONNECTED FROM MAINS POWER IMMEDIATELY, DRIED, EXAMINED AND CLEANED BY A QUALIFIED TECHNICIAN.



DO NOT EXPOSE THE MODULE TO TEMPERATURES ABOVE +50° C OR BELOW -20° C. IF YOU HAVE TRANSPORTED MODULE IN EXTREME LOW TEMPERATURES, LEAVE IT IN ROOM TEMPERATURE FOR AN HOUR BEFORE PLUGGING IT IN.



TRANSPORT THE INSTRUMENT CAREFULLY, NEVER LET IT DROP OR FALL OVER. WARRANTY DOES NOT APPLY TO MODULES WITH VISUAL DAMAGES.



THE MODULE HAS TO BE SHIPPED IN THE ORIGINAL PACKAGING ONLY. ANY MODULE SHIPPED TO US FOR RETURN, EXCHANGE AND/OR WARRANTY REPAIR HAS TO BE IN ITS ORIGINAL PACKAGING. ALL OTHER DELIVERIES WILL BE REJECTED AND RETURNED TO YOU. MAKE SURE YOU KEEP THE ORIGINAL PACKAGING AND TECHNICAL DOCUMENTATION.



THIS DEVICE COMPLIES TO THE EU GUIDELINES AND IS MANUFACTURED ROHS CONFORMING WITHOUT USE OF LED, MERCURY, CADMIUM AND CHROME. NEVERTHELESS, THIS DEVICE IS SPECIAL WASTE AND DISPOSAL IN HOUSEHOLD WASTE IS NOT RECOMMENDED.



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YOU WILL FIND ERICA SYNTHS TERMS OF WARRANTY AT WWW.ERICASYNTHS.LV.
ITEMS FOR RETURN, EXCHANGE AND/OR WARRANTY REPAIR HAVE TO BE SENT TO:

ERICA SYNTHS
ANDREJOSTAS STR. 12
RIGA
LATVIA
LV-1045

USER MANUAL BY GIRTS OZOLINS@ERICA SYNTHS
DESIGN BY INETA BRIEDE@CARRE BRANDING

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IN CASE OF ANY QUESTIONS, FEEL FREE TO CONTACT US THROUGH WWW.ERICASYNTHS.LV OR VIA E-MAIL INFO@ERICASYNTHS.LV