



erica synths

pico

SEQ

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?

ERICA PICO SEQ IS MIGHTY, PERFORMANCE ORIENTED 16 STEP CV AND GATE SEQUENCER, PACKED WITH VIRTUALLY ALL POSSIBLE FEATURES YOU MAY EXPECT FROM A SEQUENCER, JUST IN 3HP! DESPITE THE SMALL SIZE IT'S EASY TO PROGRAM, AND MOST IMPORTANTLY – UP TO 16 PATTERNS CAN BE SAVED IN MEMORY AND INSTANTLY RECALLED.

FEATURES

- ELECTABLE SEQUENCE LENGTH – UP TO 16 STEPS
- QUANTIZED CV OUTPUT – 9 DIFFERENT SCALES
- ADJUSTABLE GATE LENGTH FOR EACH STEP
- STEP OFF AND STEP MERGE FUNCTION
- SLIDE FUNCTION ON SELECTED STEPS
- TRANSCOPE FUNCTION
- RANDOM PLAY FUNCTION (WITHIN A SCALE)
- 5 PLAY MODES
- SEQUENCE MEMORY (16 SEQUENCES WITH ALL SETTINGS)

TECHNICAL SPECS

| | |
|-------------------|-----------------------------------|
| CV OUTPUT | 0-+8V (8 OCTAVES) |
| GATE LENGTH | 0-100% (ADJUSTABLE FOR EACH STEP) |
| POWER CONSUMPTION | +55MA, -4MA |
| MODULE WIDTH | 3HP |
| MODULE DEPTH | 35MM |

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THE **TOP ENCODER** ALLOWS YOU TO ACCESS MAIN FEATURES AND MODES OF THE MODULE. PUSH THE ENCODER PROMPTLY AND MOVE THROUGH CONTROLS. ALL FUNCTIONALITY OF THE UNIT IS DESCRIBED IN THE TABLE BELOW.

RND BUTTON RANDOMIZES PATTERNS AND ALLOWS TO ACCESS FEW COOL FEATURES. REFER TO THE TABLE BELOW.

PATCH THE **EXTERNAL CLOCK** HERE. THE SEQUENCE WILL START AUTOMATICALLY WITH THE FIRST CLOCK PULSE. IF NO CLOCK SIGNAL APPEARS ON THE INPUT FOR MORE THAN 2", THE SEQUENCER WILL AUTOMATICALLY RESET TO THE FIRST STEP

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THE 7 SEGMENT DISPLAY INDICATES SELECTED STEPS, GATE LENGTH, NOTES AND PLAY MODE



STEP

THIS ENCODER SETS PARAMETER VALUES FOR EACH STEP. PUSH THE ENCODER PROMPTLY TO MOVE THROUGH CONTROLS AND ACCESS DIFFERENT FEATURES.



VALUE



LOAD/SAVE BUTTON ACTIVATES PATTERN SAVING OR LOADING. ALSO USE IT TO RESET THE SEQUENCER TO THE FIRST STEP. TO DO SO, PUSH L/S BUTTON AND THEN RND BUTTON PROMPTLY.



CLK IN



GATE









A GATE OUTPUT























CV

A CV OUTPUT



| MODE | CONTROLS | ACTION | INDICATOR |
|----------------------------------|---|---|---|
| <p>SET PATTERN LENGTH</p> |  | <p>PUSH THE STEP ENCODER UNTIL IT LIGHTS GREEN, AND TURN IT TO SELECT NUMBER OF STEPS IN THE SEQUENCE. PUSH TO CONFIRM. FIRST 8 STEPS ARE INDICATED WITH NUMBERS FROM 1-8, STEPS 9-16 ARE INDICATED WITH NUMBERS 1 - 8. WITH DOTS.</p> | <p>FIRST 8 STEPS</p> <p>STEPS 9-16</p>  |
| <p>SELECT SCALES</p> |  | <p>PUSH THE STEP ENCODER UNTIL IT LIGHTS YELLOW, AND TURN IT TO SELECT ONE OF 10 SCALES. PUSH TO CONFIRM.</p> <p>SCALES AVAILABLE: 1 - CHROMATIC, 2 - IONIAN, 3 - DORIAN, 4 - MAJOR PENTA, 5 - MINOR PENTA, 6 - SHARP NOTES, 7 - WHOLE TONE, 8 - MIXOLYDIAN, 9 - MAJOR BLUES, 10 - MINOR BLUES</p> | <p>NUMBER OF SCALE</p>  |
| <p>SET PLAY MODE</p> |  | <p>PUSH THE STEP ENCODER UNTIL IT LIGHTS RED AND ROTATE IT TO SELECT PLAY MODE. FIVE PLAY MODES ARE AVAILABLE: FORWARD, REVERSE, PING PONG, PING PONG WITH REPEAT OF LAST STEPS AND RANDOM. ROTATING SEGMENT IN THE INDICATOR WILL ILLUSTRATE CURRENTLY ACTIVE PLAY MODE.</p> | <p>PLAY MODE NUMBER</p> <p>PLAY DIRECTION</p>  |
| <p>SET OCTAVE RANGE</p> |  | <p>PUSH THE STREP ENCODER UNTIL IT FLASHES YELLOW, AND ROTATE IT TO SET THE OCTAVE RANGE OF SEQUENCES, OR, IN OTHER WORDS, THE RANGE OF THE VALUE ENCODER IN NOTE ENTER MODE. THE SEQUENCER HAS 1 TO 8 OCTAVES RANGE, AND INDICATOR SHOWS THE SELECTED RANGE. CLASSICAL ACID BASLINES FROM TB-303 HAD RANGE OF 3 OCTAVES. OCTAVE RANGE SETTING ALSO APPLIES TO RANDOMISATION.</p> | <p>3 OCTAVES RANGE</p>  |

| MODE | CONTROLS | ACTION | INDICATOR |
|---|---|--|---|
| ENTER NOTES |  | <p>PUSH THE STEP ENCODER UNTIL IT IS NOT LIGHT AND ROTATE IT TO MOVE THROUGH THE STEPS IN THE PATTERN.</p> <p>PUSH THE VALUE ENCODER UNTIL IT LIGHTS GREEN AND ROTATE IT TO SET THE NOTE VALUE FOR EACH STEP. NOTES APPEAR AS RELEVANT LETTERS ON THE INDICATOR. SHARP NOTES APPEAR AS LETTERS WITH DOTS OF THE VALUE ENCODER. INTENSITY OF THE ENCODER LED WILL INDICATE RELATIVE PITCH.</p> | <p>NOTE C </p> <p>SHARP C </p> |
| SET GATE LENGTH, STEP MUTE, STEP MERGE |  | <p>PUSH THE STEP ENCODER UNTIL IT IS NOT LIGHT AND ROTATE IT TO MOVE THROUGH THE STEPS IN THE PATTERN.</p> <p>PUSH THE VALUE ENCODER UNTIL IT LIGHTS RED AND ROTATE IT TO SET LENGTH THE GATE FOR EACH STEP. GATE LENGTH IS ADJUSTABLE DISCREETLY IN 8 STEPS, AND IT IS INDICATED AS INCREASING AMOUNT OF SEGMENTS TO FORM A CIRCLE. INTENSITY OF THE ENCODER LED WILL INDICATE RELATIVE GATE LENGTH.</p> <p>IF NO SEGMENT IS LIGHT, THE STEP IS PAUSED, IS COMPLETE CIRCLE IS LIGHT, THE STEP IS MERGED WITH THE NEXT STEP.</p> | <p>15% LONG GATE </p> <p>50% LONG GATE </p> <p>STEP MERGED WITH NEXT ONE </p> <p>STEP PAUSED </p> |
| PITCH SLIDE |  | <p>PUSH THE STEP ENCODER UNTIL IT IS NOT LIGHT AND ROTATE IT TO MOVE THROUGH THE STEPS IN THE PATTERN.</p> <p>PUSH THE VALUE ENCODER UNTIL IT LIGHTS YELLOW AND ROTATE IT CW TO ACTIVATE PITCH SLIDE TO THE NEXT NOTE IN THE PATTERN. S-LIKE SYMBOL WILL APPEAR ON THE INDICATOR. TO DISABLE PITCH SLIDE, ROTATE THE ENCODER CCW UNTIL SYMBOL ON THE INDICATOR CHANGES.</p> | <p>PITCH SLIDE ON </p> <p>PITCH SLIDE OFF </p> |
| TRANPOSE |  | <p>WHILE SEQUENCER IS PLAYING, PUSH AND HOLD THE VALUE ENCODER AND TURN STEP ENCODER CW TO TRANPOSE THE SEQUENCE UP OR TURN IT CCW TO TRANPOSE THE SEQUENCE DOWN WITHIN A SELECTED SCALE. AS SOON THE VALUE ENCODER IS RELEASED, A SEQUENCE WILL RETURN TO THE INITIAL STATE.</p> <p>IF YOU WISH TO KEEP IT IN TRANPOSED STATE, PUSH THE STEP ENCODER.</p> | |

| MODE | CONTROLS | ACTION | INDICATOR |
|---|---|--|--|
| <p>PATTERN RANDOMIZATION</p> |  | <p>PUSH THE RND BUTTON AND PATTERN GETS RANDOMIZED WITHIN SELECTED SCALE AND OCTAVE RANGE.</p> | |
| <p>MASTER PITCH SLIDE – RANDOM SLIDE AND CLOCKED MODULATION SOURCE</p> |  | <p>PUSH AND HOLD RND BUTTON AND ROTATE THE ROTATE STEP ENCODER TO CHOOSE MASTER PITCH SLIDE MODE! THREE PITCH SLIDE MODES ARE AVAILABLE:</p> <ol style="list-style-type: none"> 1. MASTER PITCH SLIDE OFF (PITCH SLIDE ON INDIVIDUAL STEPS IN THE SEQUENCE IS STILL ACTIVE). 2. PITCH SLIDE ON RANDOM STEPS. 3. PITCH SLIDE ON ALL STEPS – CLOCKED MODULATION SOURCE. | <p>PITCH SLIDE OFF </p> <p>PITCH SLIDE ON RANDOM STEPS </p> <p>PITCH SLIDE ON ALL STEPS ON </p> |
| <p>SAVE A PATTERN</p> |  | <p>PUSH L/S BUTTON TWICE, AND STEP ENCODER WILL BLINK RED. TURN THE ENCODER TO SELECT ONE OF 16 SLOTS TO SAVE THE PATTERN. PUSH THE ENCODER TO CONFIRM SAVING. SLOTS 9 – 16 ARE INDICATED WITH DOT NEXT TO THE NUMBERS 1. – 8.</p> | <p>SLOT NUMBER </p> |
| <p>LOAD A SAVED PATTERN</p> |  | <p>PUSH L/S BUTTON, AND STEP ENCODER WILL BLINK GREEN. TURN THE ENCODER TO SELECT ONE OF 16 SLOTS RECALL SAVED PATTERN. PUSH THE ENCODER TO CONFIRM LOADING. SLOTS 9 – 16 ARE INDICATED WITH DOT NEXT TO THE NUMBERS 1. – 8.</p> | <p>SLOT NUMBER </p> |

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
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