



erica synths

pico

RND

**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 RND** IS COMBINED LFO/RANDOM SOURCE MODULE. IT GENERATES SINE LFO WAVES, WHITE NOISE, S&H CV AND SOME INTERESTING STUFF – RANDOM TRIGGERS AND PULSE WAVE WITH RANDOM DUTY CIRCLE; BASICALLY, EVERYTHING, YOU NEED, TO BRING SOME UNCERTAINTY IN YOUR MODULAR SETUP.

**FEATURES**

- SINE AND PULSE LFO WITH MANUALLY CONTROLLED FREQUENCY
- WHITE NOISE GENERATOR
- LFO RATE SYNCHRONIZATION TO THE EXTERNAL CLOCK
- INTERNALLY AND EXTERNALLY CLOCKED S&H CV OUTPUT
- RANDOM TRIGGER OUTPUT

**TECHNICAL SPECS**

LFO FREQUENCY RANGE	0,1HZ – 20HZ
NOISE OUTPUT AMPLITUDE	10VPTP
LFO AND S&H OUTPUT AMPLITUDE	10VPTP
POWER CONSUMPTION	+28MA, -15MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

# pico

## RND

RND



RATE

THIS KNOB SETS LFO AND S&H CLOCK FREQUENCY

PATCH EXTERNAL CLOCK SIGNAL HERE TO SYNC LFO AND S&H FREQUENCY TO THE EXTERNAL CLOCK



CLK IN



SINE

THIS IS SINE LFO OUTPUT

THIS IS RANDOM DUTY CIRCLE PULSE LFO OUTPUT



PULSE

LED1 INDICATES LFO (SINE AND PULSE) AND S&H CLOCK FREQUENCY.

THIS IS RANDOM TRIGGER OUTPUT. THE FREQUENCY OF RANDOM TRIGGERS IS SET BY RATE KNOB



RND PULSE

LED2 INDICATES RANDOM PULSE OUTPUT



S&H

THIS IS S&H CV OUTPUT

THIS IS WHITE NOISE OUTPUT



NOISE



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.



erica synthS

YOU WILL FIND ERICA SYNTHS TERMS OF WARRANTY AT [WWW.ERICASYNTHS.LV](http://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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