



erica synths

pico

NOISE

**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 NOISE** IS A VERSATILE NOISE AND PERCUSSION SOUNDS SOURCE. IT CONSISTS OF WHITE A NOISE GENERATOR, A RESONANT VCF TO GENERATE VARIOUS COLOURS OF THE NOISE – FROM EXTREMELY DARK ONES TO HIGH PITCHED RESONANT SWEEPS AND A VCA/DECAY ENVELOPE GENERATOR COMBINATION TO CREATE RANGE OF PERCUSSION SOUNDS TO EMULATE HI-HATS, CYMBALS AND EVEN SINE TONE-BASED PERCUSSIONS, WHEN THE RESONANCE IS FULL UP.

FEATURES

- WHITE NOISE GENERATOR
- RESONANT VCF FOR COLOURED NOISE
- VCA AND DECAY ENVELOPE COMBO FOR PERCUSSION SOUNDS
- INPUT AND OUTPUT PROTECTION AGAINST OVERVOLTAGE
- PROTECTION AGAINST REVERSE PSU CONNECTION

TECHNICAL SPECS

OUTPUT AMPLITUDE	-5V — +5V
MAX DECAY TIME	350MS
POWER CONSUMPTION	+27MA, -25MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

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## NOISE

ADJUST THE VCF CUTOFF TO CONTROL A COLOUR OF THE NOISE ON THE COLOR OUTPUT

SET THE BUILT IN ENVELOPE GENERATOR DECAY TIME

THIS IS THE MAIN OUTPUT OF THE MODULE – THE NOISE IS INTERNALLY ROUTED THROUGH THE VCF, VCA + DECAY ENVELOPE. HERE YOU HAVE PERCUSSION SOUNDS

THIS IS THE COLOURED NOISE OUTPUT

NOISE



COLOR



RESO



DECAY



TRIG



OUT



WHITE



COLOR

pico

ADJUST THE VCF RESONANCE. WHEN THE RESONANCE IS CLOSE TO FULL CW, THE VCF GOES INTO SELF-OSCILLATION AND THE RESULTING SOUND IS A MIX OF NOISE AND SINEWAVE. WHEN RUNNING IT THROUGH VCA YOU CAN ACHIEVE SOUNDS SIMILAR TO COWBELL AND EVEN TOMS, DEPENDING ON COLOR KNOB SETTING

PATCH THE TRIGGER HERE TO INITIATE THE INTERNAL DECAY ENVELOPE GENERATOR AND OPEN A VCA

THIS IS THE WHITE NOISE OUTPUT

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](http://WWW.ERICASYNTHS.LV).  
ITEMS FOR RETURN, EXCHANGE AND/OR WARRANTY REPAIR HAVE TO BE SENT TO:

ERICA SYNTHS  
ANDREJOSTAS STR. 43  
RIGA  
LATVIA  
LV-1045

USER MANUAL BY GIRTS OZOLINS@ERICA SYNTHS  
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IN CASE OF ANY QUESTIONS, FEEL FREE TO CONTACT US THROUGH [WWW.ERICASYNTHS.LV](http://WWW.ERICASYNTHS.LV) OR VIA E-MAIL [INFO@ERICASYNTHS.LV](mailto:INFO@ERICASYNTHS.LV)