



erica synths

# pico

RING

**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 RING** IS A BALANCED MODULATOR (QUADRANT MULTIPLIER) CIRCUIT TO CREATE BELL-LIKE, METALLIC OR ROBOTIC SOUNDS. IT HAS BUILT-IN SINEWAVE MODULATION OSCILLATOR FOR MORE VERSATILITY.

## FEATURES

- FULL ANALOGUE CIRCUIT
- BUILT-IN SINEWAVE OSCILLATOR
- INPUT LEVEL ATTENUATORS
- INPUT AND OUTPUT PROTECTION AGAINST OVERVOLTAGE
- PROTECTION AGAINST REVERSE PSU CONNECTION

## TECHNICAL SPECS

AUDIO INPUT LEVEL	UP TO 20VPTP
POWER CONSUMPTION	+10MA, -19MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

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## RING

ADJUST THE TUNE OF THE BUILT-IN  
SINEWAVE OSCILLATOR

RING



TUNE



IN1

THIS IS MODULATOR INPUT ATTENUATOR.  
IT'S NORMALLED TO THE INTERNAL  
OSCILLATOR, SO WHEN NOTHING IS PATCHED  
HERE, YOU CAN USE THE INTERNAL  
OSCILLATOR AS MODULATION OSCILLATOR.



→ IN2

THIS IS THE CARRIER INPUT ATTENUATOR



IN1

THIS IS AUDIO INPUT 1 (CARRIER)

THIS IS AUDIO INPUT 2 (MODULATOR)



IN2

THIS IS THE AUDIO OUTPUT  
OF THE MODULE



OUT

pico

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)