



erica synths

pico

VCO2

**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.

WHEN WE DECIDED TO EXPAND THE PICO SERIES, WE REALIZED, WE NEED MORE ANALOGUE DESIGNS. THEREFORE WE GIVE YOU

**ERICA SYNTHS PICO VCO2** – POWERFUL, FULL ANALOGUE VCO WITH GREAT TRACKING OVER 8 OCTAVES JUST IN 3HP! COMBINE TWO OF THOSE, ADD SOME PWM AND HAVE A SOUND OF REAL ANALOGUE BEAST!

FEATURES

- MANUAL TUNE AND PWM CONTROLS
- +-1 OCTAVE SWITCH
- 1V/OCT INPUT WITH GOOD TRACKING ACROSS 8 OCTAVES
- PWM CV INPUT
- PULSE AND TRIANGLE WAVEFORM OUTPUTS
- INPUT PROTECTION AGAINST OVERVOLTAGE
- PROTECTION AGAINST REVERSE PSU CONNECTION

TECHNICAL SPECS

OUTPUT SIGNAL AMPLITUDE	-5V - +5V
PWM CV INPUT (FULL SPAN)	-5V - +5V
POWER CONSUMPTION	+21MA, -19MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

# pico

## VCO2

ADJUST THE TUNE OF THE VCO MANUALLY!  
1V/OCT CV IS ADDED TO THE SETTING  
OF THIS KNOB

VCO2



TUNE



PW

+1OCT



-1OCT

THREE POSITION SWITCH ALLOW YOU  
TO TRANSPOSE THE PITCH OF THE VCO  
ONE OCTAVE UP OR DOWN



1V/OCT

THIS IS PWM CV INPUT. EXPERIMENT  
WITH DIFFERENT MODULATION SOURCES  
TO GET DRONES, RHYTHMIC PATTERNS  
AND FAT ANALOGUE SOUND



PWM



PULSE

ADJUST PULSE WIDTH MANUALLY!  
PWM CV IS ADDED TO THE SETTING  
OF THIS KNOB

PATCH THE SEQUENCER OR ANY  
FM SOURCE HERE

THIS IS PULSE WAVE OUTPUT

THIS IS GENTLE SOUNDING  
TRIANGLE WAVE OUTPUT



TRI



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. 43  
RIGA  
LATVIA  
LV-1045

USER MANUAL BY GIRTS OZOLINS@ERICA SYNTHS  
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