



**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 DUAL VCA** IS SIMPLE, RELIABLE LM13700 BASED LINEAR VOLTAGE CONTROLLED AMPLIFIER, WHICH CAN BE CONFIGURED AS TWO INDEPENDENT VCAS OR STEREO VCA WITH SAME CV CONTROL.

## FEATURES

- 2 INDEPENDENT VCAS IN ONE MODULE
- VCA1 INPUT COPIED ON VCA2
- CONFIGURABLE CV ADDRESSING
- DIODE PROTECTION AGAINST INPUT/OUTPUT OVERVOLTAGE

## TECHNICAL SPECS

ATTENUATION LEVEL	-80DB
POWER CONSUMPTION	+14MA, -14MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

# pico

## VCA

PATCH CV SIGNAL FOR THE FIRST VCA HERE.  
0V GIVE -80DB ATTENUATION,  
+10V - 0DB ATTENUATION

THIS IS THE INPUT OF THE SECOND VCA. IF  
NOTHING IS PLUGGED IN HERE, IT'S  
AUTOMATICALLY NORMALLED  
TO THE FIRST VCA INPUT, AND THE SIGNAL  
GETS SPLITTED IN TWO.

THIS IS THE OUTPUT OF THE SECOND VCA

VCA

IN1

CV1

OUT1

IN2

CV2

OUT2

pico

PATCH AUDIO SIGNAL FOR THE FIRST  
VCA HERE

THIS IS THE OUTPUT OF THE FIRST VCA

PATCH CV SIGNAL FOR THE SECOND VCA  
HERE. USE THE JUMPER ON THE TOP PCB TO  
CONFIGURE THE SECOND CV TO BE  
INDEPENDENT (JUMPER IN GND SETTING) OR  
COPY THE CV SIGNAL FROM THE FIRST VCA  
(JUMPER IN CV1 SETTING), IF NOTHING IS  
PLUGGED IN THIS JACK.

## 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. 12  
RIGA  
LATVIA  
LV-1045

USER MANUAL BY GIRTS OZOLINS@ERICA SYNTHS  
DESIGN BY INETA BRIEDE@CARRE BRANDING

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