



erica synths

pico

VCO

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 VCO IS GREAT, DEEP SOUNDING VCO WITH 32 SELECTED WAVES – CLASSICAL, FATTENED WITH SUB-OSCILLATOR, FM SYNTH AND OTHERS. TYPICALLY YOU NEED SEVERAL RATHER EXPENSIVE MODULES TO GENERATE SIMILAR SOUNDS. EXTRA FEATURE – FLIP A SWITCH, AND YOU HAVE A VERSATILE LFO!

FEATURES

2 BANKS, EACH CONTAINS 16 WAVES

VCO/LFO MODE

VOLTAGE CONTROLLED WAVESURFING

WAVE MORPHING IN LFO SETTING

TECHNICAL SPECS

VCO FREQUENCY RANGE 30HZ – 5KHZ

LFO FREQUENCY RANGE 0,1HZ – 20HZ

OUTPUT AMPLITUDE 10VPPT

POWER CONSUMPTION +26MA, -4MA

MODULE WIDTH 3HP

MODULE DEPTH 35MM

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WAVE

USE THIS KNOB TO SELECT ONE OF 16 WAVES IN EACH BANK

USE THIS KNOB TO TUNE THE VCO TO DESIRED INITIAL FREQUENCY



TUNE

SWITCH BETWEEN BANKS OF WAVES



SELECT VCO OR LFO MODE. IN LFO MODE WAVE MORPHING WILL BE AUTOMATICALLY ACTIVATED. IT PROVIDES MORE INTERESTING MODULATIONS IN TRANSITION FROM ONE WAVE TO ANOTHER



1V/OCT

APPLY WAVESURF CV HERE! YOU MAY WANT TO USE PICO ATTENUATOR OR SCALER TO ADJUST WAVESURFING SPAN



W-CV

LED GIVES VISUAL CONTROL OF THE OUTPUT SIGNAL IN LFO MODE

THIS IS THE OUTPUT, OBVIOUSLY



OUT

pico

THANK YOU FOR PURCHASING ERICA SYNTHS PICO VCO! IT COMES 1V/OCT CALIBRATED, BUT PSUS ON MODULAR SYNTHS ARE SO DIFFERENT, THEREFORE, IF NEEDED, YOU CAN PERFORM THE CALIBRATION PROCEDURE SPECIFICALLY FOR YOUR MODULAR SETUP. WE HAVE INTRODUCED TWO STEP CALIBRATION WHERE YOU WILL NEED PRECISE 5,000V AND 1,000V CV SOURCE (YOU CAN USE MIDI-CV KEYBOARD WITH 5 OCTAVES RANGE). TO PERFORM A CALIBRATION PROCEDURE, FOLLOW THESE STEPS:

- 1) DISCONNECT YOUR PICO VCO FROM THE PSU.
- 2) CONNECT A PATCH CABLE TO THE CV SOURCE AND MAKE SURE, YOU GET 1,000V (EXACTLY ONE VOLT) ON THE OUTPUT – YOU CAN PLAY C1 ON THE MIDI-CV KEYBOARD.
- 3) TURN BOTH WAVE AND TUNE KNOBS ALL WAY CLOCKWISE AND FLIP BOTH SWITCHES UP (BANK1 AND VCO POSITION). THEN CONNECT THE VCO TO THE PSU ON YOUR MODULAR! OUTPUT LED WILL LIGHT ON.
- 4) CONNECT 1,000V PATCH CABLE TO 1V/OCT INPUT OF THE PICO VCO!
- 5) FLIP VCO/LFO SWITCH DOWN TO LFO POSITION TO INITIATE THE CALIBRATION STEP 1!
- 6) NOW SET THE CV SOURCE TO 5,000V (EXACTLY FIVE VOLTS) – YOU CAN PLAY C5 ON THE MIDI-CV KEYBOARD.
- 7) FLIP VCO/LFO SWITCH UP TO VCO POSITION TO INITIATE THE CALIBRATION STEP 2!
- 8) OUTPUT LED WILL BLINK ONCE, AND THIS MEANS THAT YOU HAVE SUCCESSFULLY CALIBRATED THE VCO!

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.
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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IN CASE OF ANY QUESTIONS, FEEL FREE TO CONTACT US THROUGH WWW.ERICASYNTHS.LV OR VIA E-MAIL INFO@ERICASYNTHS.LV