



erica synths

pico

VOICE

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 VOICE IS AMAZINGLY VERSATILE SOUND SOURCE JUST IN 3HP.

IT FEATURES 8 SOUND GENERATION ALGORITHMS: KARPLUS STRONG, CHORDS, WAVETABLE, TB303 BASSLINE EMULATION, PWM, SUPERSAW, WAVEFOLD AND HARMONIC SATURATION, WITH THREE ADJUSTABLE PARAMETERS PER ALGORITHM AND CV CONTROL OVER ONE USER DEFINED PARAMETER. DESPITE THE SMALL SIZE, PICO VOICE SOUNDS BIGGER THAN IT IS!

FEATURES

- 8 GREAT SOUNDING ALGORITHMS
- MANUAL AND 1V/OCT TUNING
- 2 ADJUSTABLE PARAMETERS PER ALGORITHM
- ASSIGNABLE CV CONTROL OVER ALGORITHMS
- USER SETTING MEMORY
- COLOUR CODED ALGORITHMS SELECTION

TECHNICAL SPECS

TUNE RANGE	C1-C8
CV AMPLITUDE FOR FULL PARAMETER SWEEP	-5V - +5V
POWER CONSUMPTION	+28MA, -5MA
MODULE WIDTH	3HP
MODULE DEPTH	35MM

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VOICE

USE THIS KNOB TO CONTROL THE SECOND PARAMETER OF THE ALGORITHM! REFER TO THE TABLE BELOW FOR A FEATURE ASSIGNED TO EACH ALGORITHM – TYPICALLY IT'S RELEASE TIME! IF YOU WISH TO USE MODULE WITHOUT TRIGGER INPUT, TURN THE PAR2 KNOB ALL WAY CW! WITHOUT TRIGGER INPUT OR WITH AN EXTERNAL VCA

THE RGB LED INDICATES CURRENTLY SELECTED SOUND GENERATION ALGORITHM. REFER TO THE TABLE OF ALGORITHMS AND PARAMETER CONTROLS BELOW! ALSO THE LED BLINKS WITH THE INCOMING GATE

THIS IS CV INPUT. IT CAN BE ASSIGNED TO ANY OF KNOBS

THIS IS 1V/OCT INPUT JACK. IT TRACKS PERFECTLY OVER 8 OCTAVES

THIS IS TRIGGER/GATE INPUT. IT INITIATES STRING SOUND IN KARPLUS STRONG ALGORITHM AND SENDS NOTE ON SIGNAL FOR OTHER ALGORITHMS

VOICE



TUNE



PAR1



PAR2



CV IN



1V/OCT



TRIGG



OUT









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SET INITIAL TUNE! THE TUNE RANGE IS C1 – C8

USE THIS KNOB TO CONTROL THE FIRST PARAMETER OF THE ALGORITHM! REFER TO THE TABLE BELOW FOR A FEATURE ASSIGNED TO EACH ALGORITHM! FOR EXAMPLE, IF YOU ARE IN CHORDS MODE, WITH PAR1 KNOB YOU SELECT CHORD BEING PLAYED

PUSH THIS BUTTON PROMPTLY TO SWITCH AMONG 8 ALGORITHMS. PUSH AND HOLD THE BUTTON FOR 1" TO ENTER CONFIGURATION MODE! LED WILL START TO BLINK. IN CONFIGURATION MODE YOU CAN ASSIGN CV INPUT TO ONE OF THE PARAMETERS. TO DO SO, PUSH THE BUTTON REPEATEDLY – BLINKING RED LED MEANS, THE CV IS ASSIGNED TO THE TUNE KNOB, GREEN – TO PAR1, BLUE – TO PAR2. TUNE KNOB (SUMS ANY CV SIGNAL TO THE 1V/OCT INPUT). ALSO YOU CAN ROTATE PAR2 KNOB TO CONFIGURE THE ALGORITHM SETTINGS. FOR EXAMPLE, IF YOU ARE IN CHORD MODE, PAR2 KNOB WILL SELECT WAVEFORMS OF THE WAVES IN THE CHORD. REFER TO ALGORITHM SETTINGS IN THE TABLE BELOW! TO EXIT THE CONFIGURATION MODE, PUSH AND HOLD FOR 1". THE LED WILL STOP TO BLINK

THIS IS AUDIO OUTPUT

LED COLOUR	ALGORITHM	PARAMETER1	PARAMETER2	SETTING
	KARPLUS STRONG	DISTORTION	NOISE BURST	----
	CHORD	CHORD TYPE — 1. M (MAJOR) 2. M (MINOR) 3. 7 (SEVENTH) 4. M7 (MINOR SEVENTH) 5. M7 (MAJOR SEVENTH) 6. MM7 (MINOR MAJOR SEVENTH) 7. AUG (AUGMENTED) 8. DIM (DIMINISHED)	RELEASE	WAVEFORM: 1. SINE 2. TRIANGLE 3. SAW 4. SQUARE
	WAVETABLE	WAVE SURF	RELEASE	1 OR 2 NOTES
	BASSLINE	RESONANCE	RELEASE	SAW/PULSE
	PWM	PWM!	RELEASE	1, 2 OR 3 NOTES
	SUPERSAW	DETUNE	RELEASE	PHASE LOCK ON/OFF
	WAVEFOLD	FOLD	RELEASE	SINE, 2X SINE, TRIANGLE, 2X TRIANGLE
	HARMONIC	ADD HARMONICS	RELEASE	WAVEFORM

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.
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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