

THE DARK SYNTH OF THE MOON 2023

FIFTEEN YEARS OF LUNAR EXPERIENCE



THE NEW 569 SEQUENCER SERIES

569 Sequencer Module Version 2.0 569 C Quad Row Controller

The 569 Quad Sequential Voltage Source now reaches its version 2.0. The main differences to the original 569 lie "under the hood".

Enhancement #1: it can "speak" to the 569 E Quad Voltage Store Expander, see below.

Enhancement #2: it can be expanded by the 569C Row Mode Controller. This module allows to assign up to *three special functions* to *defined steps* of a sequence:

1. Control voltage
2. Gate-on time
3. Clock division
4. Clock multiplication (aka "ratchet")
5. The transpose input of the 569 can be switched on and off per row.

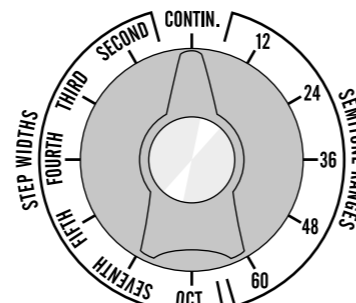
Enhancement #3: it can be expanded by up to two 565D quantizer controller modules.



569 E Quad Voltage Store Expander – a control voltage extension unit for the 569 Sequencer module

The 569 E is a four-row/32 steps expander module for the 569 Sequencer. It expands the 569 sequencer by 4 x 8 control voltage dials of which two rows can be combined to sum their corresponding output voltages.

This way you can control the voltages in defined steps to set precise sequences on the fly. The four "Voltage Dial Resolution" dials on the left side specify the quantized ranges of the voltage controllers in three ways:



Contin. = the full control range, unquantized 0 - 10 V

Right half/semitone ranges: the controls are quantized in semitones while the the pot's full range is divided in 12, 24, 36, 48 or 60 steps.

Left half/step widths: the control range (0-10 V) is divided in steps *second* (2 semitones), *third* (4 semitones), *fourth* (5 semitones), *fifth* (7 semitones), *seventh* (9 semitones) and *octave*.





512 AUDIO INTERFACE

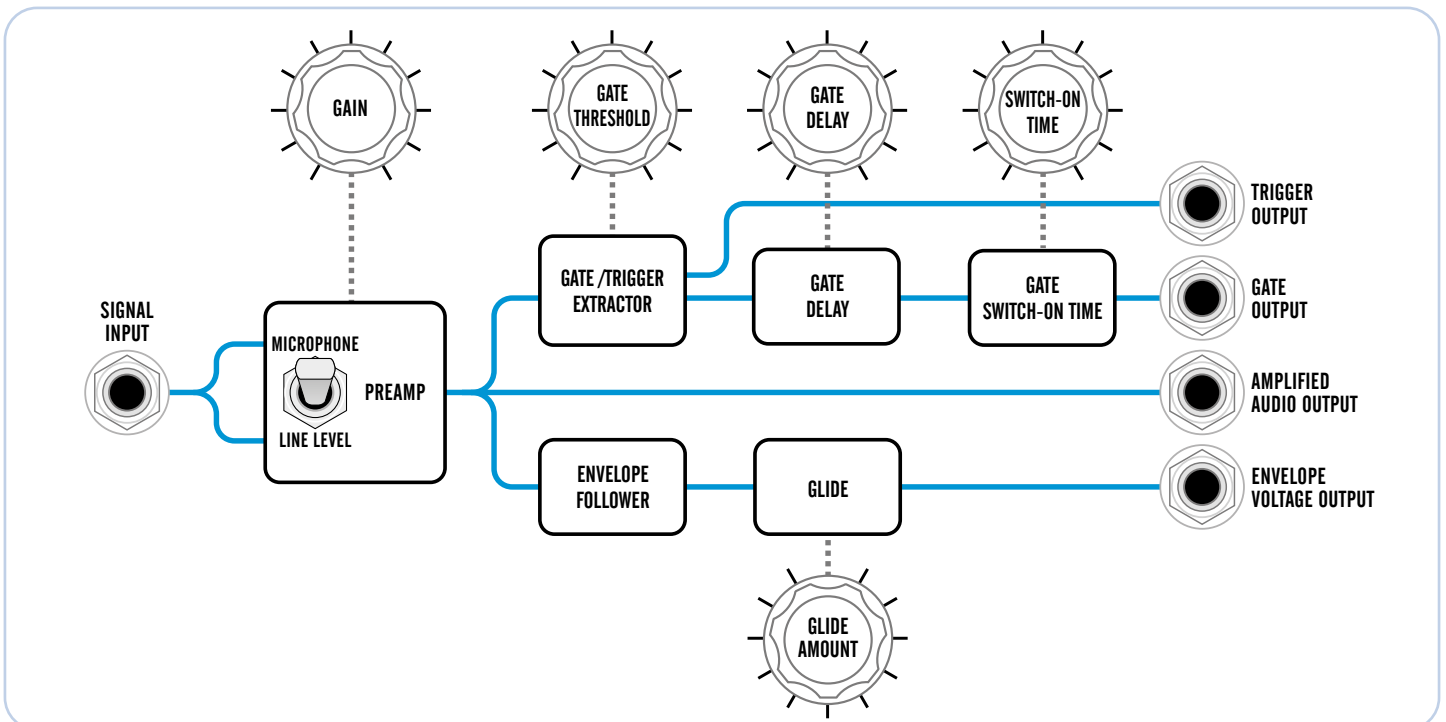
512 Audio Interface for connecting external audio sources:

- Pre-Amplifier for instruments or microphones
- Envelope follower with glide
- Trigger/Gate Extractor with gate delay and switch-on time

Via the 512 Audio Interface one can integrate external Audio and different Instruments into his modular system. First it is a preamplifier to raise microphone or line signals to modular level to be used inside the synthesizer system.

• The signal passes the gain control with 3-LED-level indicator and microphone/line level input switch. The audio output provides the amplified input signal.
 • The gate/trigger threshold control defines the level from which the

gate/trigger puls is released
 • The Switch-on time defines the lengths of the gate pulse, the gate delay controls the delay of this pulse.
 • The glide control "softens" the form of the generated envelope voltage.



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