569 v2

QUAD SEQUENTIAL VOLTAGE SOURCE

32 Position-LEDs

32 control voltage pots in four rows with eight positions each; voltage range (separately switchable for each row) 0-2/0-5/0-10 volts.
The 2 V and 5 V ranges are quantized.

32 step-mode switches offering for every step/ voltage position:

Gate on
—
Gate off
—
"Function"

With the step-mode switches in their "Function"position, the switches in this row can have one of the following functions:

Skip
—
Reset
—
Stop

Indicator lamp of the internal clock oscillator

Rotary switch to engage one of the five sequence modes(see right page)

Frequency dial of the internal clock oscillator

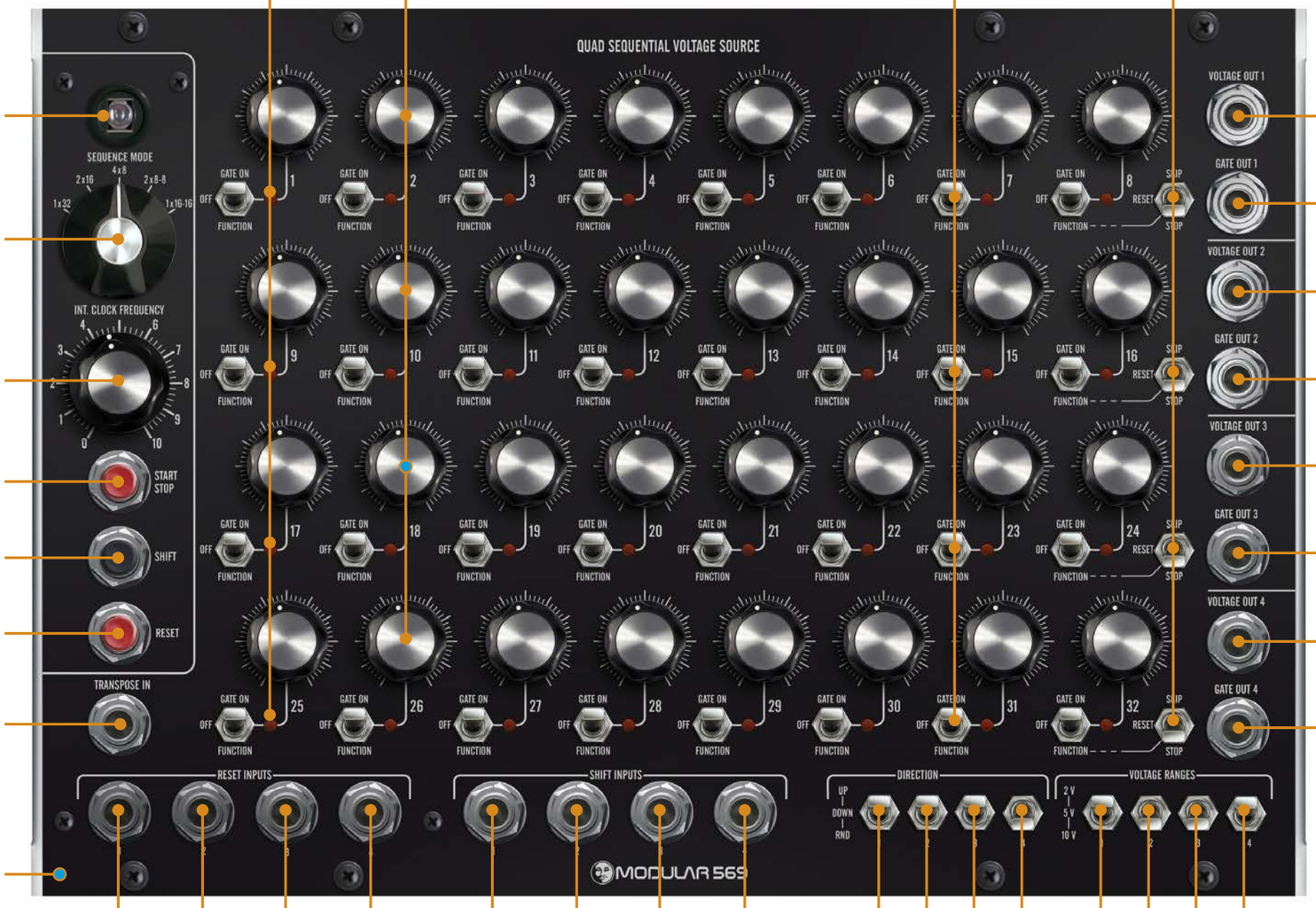
Start/stop-button of the internal clock oscillator

Manual step-button for the whole sequencer (all four rows, mode dependant)

Reset-button for the whole sequencer (all four rows, mode dependant)

Transpose input for analog control voltages 1 V/oct.

Module width 6 units



Control voltage outputs for the four rows 0-2/0-5/0-10 V (2 & 5 V quantized)

Gate-outputs for each of the four rows

Separate reset inputs for each of the four sequencer rows (function dependant on the chosen "Sequence Mode")

Separate shift inputs for each of the four sequencer rows (function dependant on the chosen "Sequence Mode")

Separate direction-switches "up-down-random" for each of the four sequencer rows (function dependant on the chosen "Sequence Mode").
In sequence-mode 16 oder 32, the Direction-switches 2 resp. 2/4 activate the "ping-pong"-mode (bidirectional).

Control voltage ranges are switchable independently for the four rows between 0-2 volts, 0-5 volts und 0-10 volts.
The 0-2 volts und 0-5 volts ranges are quantized to semitones (1V/oct), the 0-10 volts range is continuously variable (switch function depend on the "Sequence Mode")

The last analog sequencer you'll ever need...

The **M569 v2** is an analog step-sequencer with up to 32 positions, arranged in four rows.

Each row can be controlled absolutely independent from each other, so that the user has practically up to four separate sequencers at his disposal, each with its own clock- and reset-input jacks, and – at the same time – different running directions (up, down, random and "ping-pong").

In addition the control voltage outputs can be switched between three ranges (2 V, 5 V und 10 V, with the 2 V und 5 V ranges supplying a (to 1/12 V) quantized output voltage.

Each step position has its own "step-mode" -switch to toggle the gate signal of the respective step position on or off.

In the "Function" position it (again separately for the four rows) can defined as skip, reset or stop-command.

The new version of the 569 Quad Sequential Voltage Source is called v2. The main differences to the original 569 lie "under the hood":

– It can "speak" to the **569 E Quad Voltage Store Expander**.

– It can be expanded by the **569 C Row Mode Controller**. That 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.

– It can now be expanded by up to two 565 D quantizer controller modules.

The sequencer modes in detail:

1 x 32
All four rows run in series to achieve sequences of up to 32 steps; only Reset Input 1 and Shift Input 1 are active then; as well as the switches Direction 1, Range 1 and Function 1. With the Direction switch 2 in the Down or Random position the "ping-pong"-mode (up-down) is activated. All four gate- and voltage-outputs supply an identical output signal.

2 x 16
Rows 1 and 2 run in series, as well as rows 3 and 4 (1 & 2 and 3 & 4 in parallel), so up to 16 steps divided in two sequences are possible here.

Reset Input 1 & 3 and Shift Input 1 & 3 are active, just as the switches Direction 1 & 3, Range 1 & 3 and Function 1 & 3.

With Direction switches 2 resp. 4 in position

Down or Random, the "ping-pong"-mode (up-down) is activated.

The gate-outputs 1 & 2, 3 & 4 and the control voltage-outputs 1 & 2, 3 & 4 supply each identical signals.

4 x 8
All four rows 1, 2, 3 & 4 run in parallel and independently from each other, all inputs, switches and jacks act separately, the four outputs deliver their own signal each. This is the "four-sequencers-in-one" mode.

2 x 8-8
Sort of "preset-subset" of the 4 x 8 mode. All four sequencer-rows run always in parallel and in step, controlled by one common pair of shift- and reset commands, just like a "four-channel-sequencer".

1 x 16-16
Another "preset-subset", this time derived from the 2 x 16 mode. The sequencer-rows 1/2 und 3/4 run always in parallel and in step, controlled by two common pairs of of shift-and reset commands, just like a 16 step "two-channel-sequencer" – think 'stereo'.