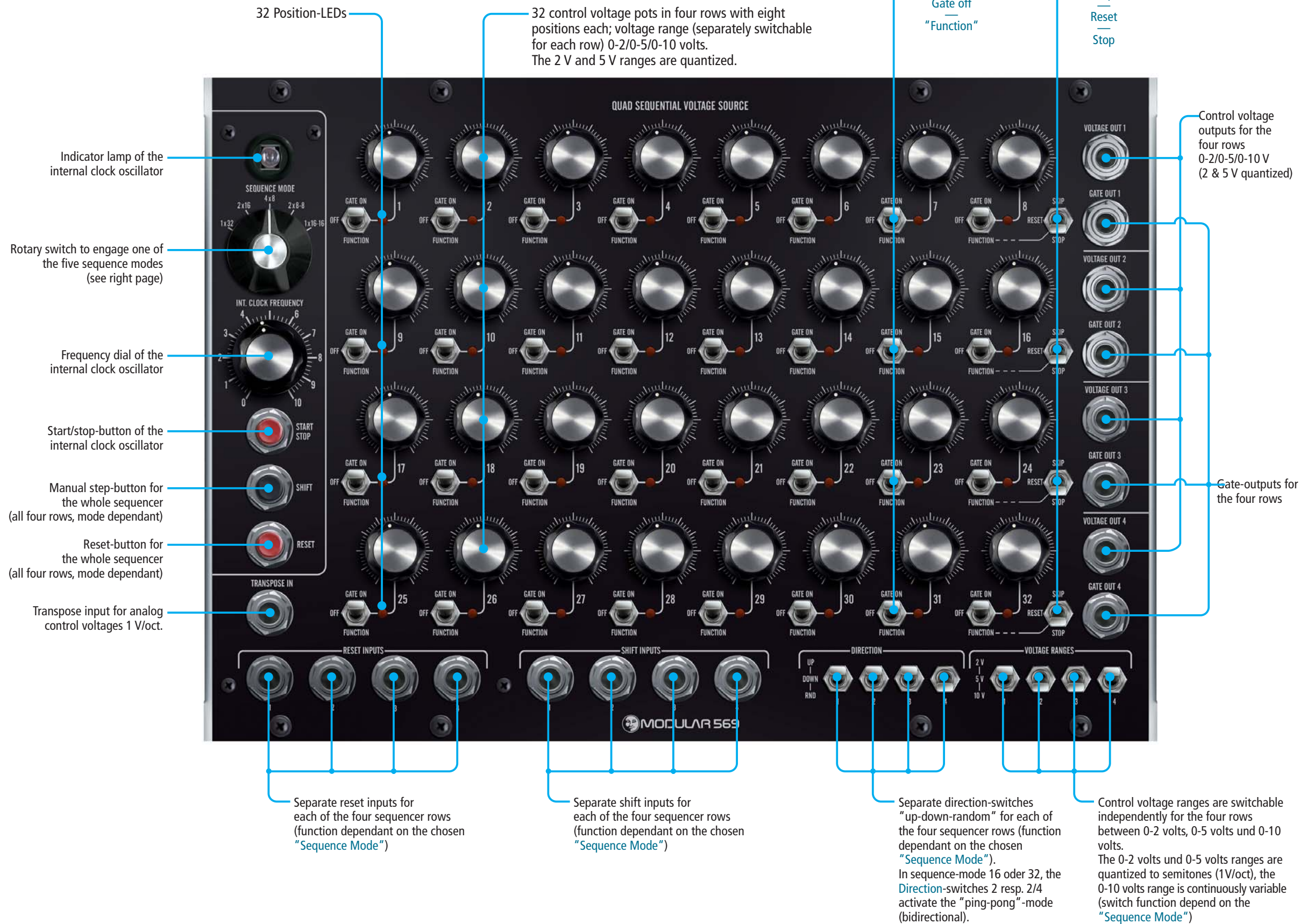


# 569

## QUAD SEQUENTIAL VOLTAGE SOURCE



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

The M569 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 be defined as skip, reset or stop-command.

### 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 independantly 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 shift- and reset commands, just like a 16 step "two-channel-sequencer" – think 'stereo'.