

# 565v2

## QUAD QUANTIZER

Variable control voltages are quantized into semitone intervals (1/12 volt).  
Input voltage range 0 to +10.58 volts

Gate pulses fed into the "Gate In"-jack trigger the quantizer; in „low" state no quantization occurs. An "open" Gate input quantizes, i. e. if no gate jacks are patched.

The four Gate-INS are passed through.

Quantized control voltage outputs with a range of more than ten octaves (128 semitones).

Gate Output supplies a pulse, whenever the (quantized) output voltage changes. The LEDs display exactly this pulse.



The M565 V2 QUAD QUANTIZER features four independent quantizer circuits.

The module quantizes variable control voltages into semitone intervals (1/12 volt) over an input voltage range 0 to +10.58 volts, in other words more than ten octaves (128 semitones).

Gate pulses fed into the "Gate In"-jack trigger the quantizer; in „low" state no quantization occurs (useful to sync the quantization process precisely to a sequencer-clock out).

An "open" gate input is recognized by the module, it quantizes, i. e. if no gate jacks are patched. The four gate-ins are passed through, one plugged IN 1 feeds IN 2 to IN 4 as well.

The gate outputs supply a pulse, whenever the (quantized) output voltage changes. The LEDs display exactly this pulse. The most recent quantized value remains preserved until the next quantization will occur.

Two adapters are on-board to connect one or two M 565 E Quantizer Controller modules.

An M 565 v1 Quad Quantizer Modul can be updated, to allow connection to M 565 E controller modules.