551CP
DUAL CHANNEL MIDI TO CONTROL VOLTAGE CONVERTER
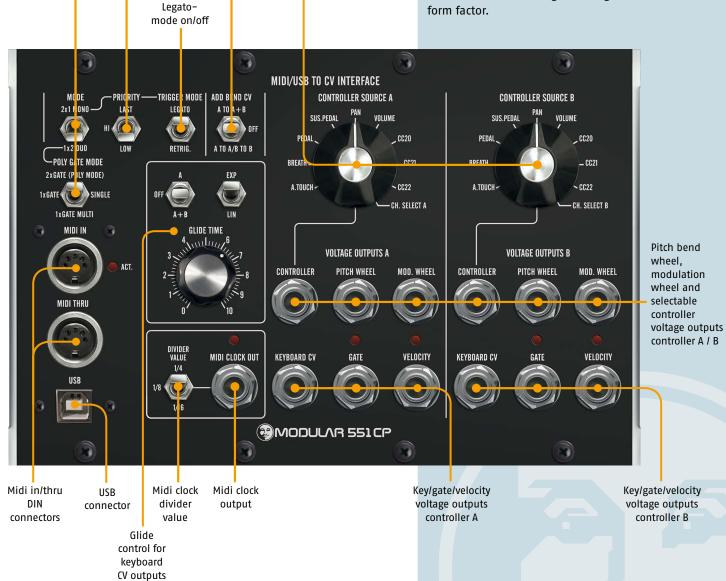
The **551 CP DUAL MIDI TO CONTROL VOLTAGE** converts MIDI data into analog control voltages. MIDI note-on commands get converted into keyboard control voltage, gate signal and note-on velocity voltage. Three more output jacks generate voltages from pitch- and modulation wheel controllers plus a selectable controller source.

This CP module offers two independent converters (A/B) to generate voltages for two-voice polyphony or twin-channel-use.

The module has the original Moog Console Panel form factor.

Rotary switches to select the Midi modulation sources, which appear as control voltages at the "Controller"-jacks. In addition the module sets itself to the Midi channel of the attached Midi source device (e.g. keyboard) if in position "Ch. Select"

Dual channel/ polyphonic mode switches

Switch to select keyboard priority

Add pitch bend voltage outputs A+B or A / B separate

Legato-mode on/off

Pitch bend wheel, modulation wheel and selectable controller voltage outputs controller A / B

Midi in/thru DIN connectors

USB connector

Glide control for keyboard CV outputs

Midi clock divider value

Midi clock output

Key/gate/velocity voltage outputs controller A

Key/gate/velocity voltage outputs controller B

Panel labels

MIDI/USB TO CV INTERFACE

CONTROLLER SOURCE A — SUS.PEDAL, PAN, VOLUME, PEDAL, CC20, BREATH, CC21, A.TOUCH, CC22, CH. SELECT A

CONTROLLER SOURCE B — SUS.PEDAL, PAN, VOLUME, PEDAL, CC20, BREATH, CC21, A.TOUCH, CC22, CH. SELECT B

MODE: 2x1 MONO / 1x2 DUO
PRIORITY: LAST / HI / LOW
TRIGGER MODE: LEGATO / RETRIG.
ADD BEND CV: A TO A+B / OFF / A TO A/B TO B

POLY GATE MODE
2xGATE (POLY MODE)
1xGATE / SINGLE
1xGATE MULTI

MIDI IN
ACT.
MIDI THRU
USB

A: OFF / A+B
EXP / LIN

GLIDE TIME 0 1 2 3 4 5 6 7 8 9 10

DIVIDER VALUE 1/4 1/8 1/16
MIDI CLOCK OUT

VOLTAGE OUTPUTS A
CONTROLLER PITCH WHEEL MOD. WHEEL
KEYBOARD CV GATE VELOCITY

VOLTAGE OUTPUTS B
CONTROLLER PITCH WHEEL MOD. WHEEL
KEYBOARD CV GATE VELOCITY

MODULAR 551 CP