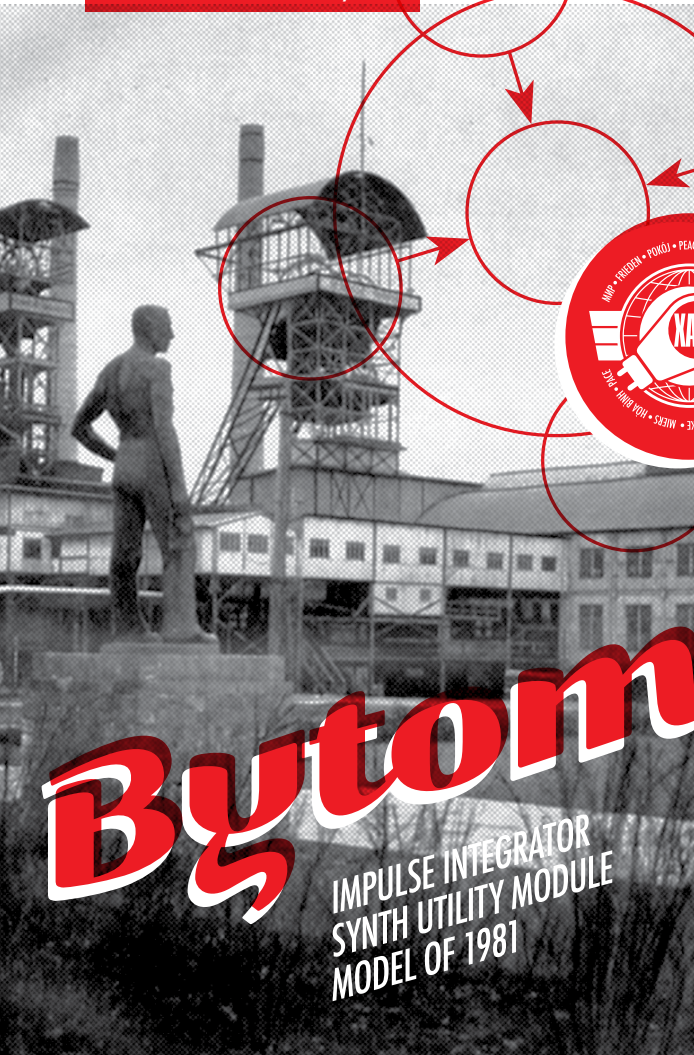


OPERATOR'S MANUAL 81/1.0



Bytom

IMPULSE INTEGRATOR
SYNTH UTILITY MODULE
MODEL OF 1981

PRODUCT FEATURES

- 3 independent trigger/gate
4:1 combiner sections (OR gate)
- each combiner section can be normalized to each other
- basic CV summing
- backward power protection

TECHNICAL DETAILS

- eurorack standard synthesizer module, fully Doepfer compatible
- 6 hp wide
- +12/-12V powered
- current draw: 10 mA

APPROVED
BY THE PEOPLE'S COUNCIL
FOR MUTUAL ECONOMIC AID

THE MODULE EXPLAINED

SALUT

Thank you for purchasing this XAOC Devices product. *Bytom* is a simple yet extremely useful utility module that helps you to work with control voltages in your system, combining various trigger/gate signal sources in order to obtain interesting rhythmic events useful for sequencing, modulation and patch “automation” purposes.

INSTALLATION

Unplug your modular system from the power source first. Clear a 6hp space in your eurorack cabinet, and plug the power connector into the bus board so the red band points right towards the -12V rail (usually the lower one). Although the module is protected against backwards power connections, it is always a good habit to pay attention to this. Tighten the supplied mounting screws and you're ready to go.

CONTROLS & OPERATION

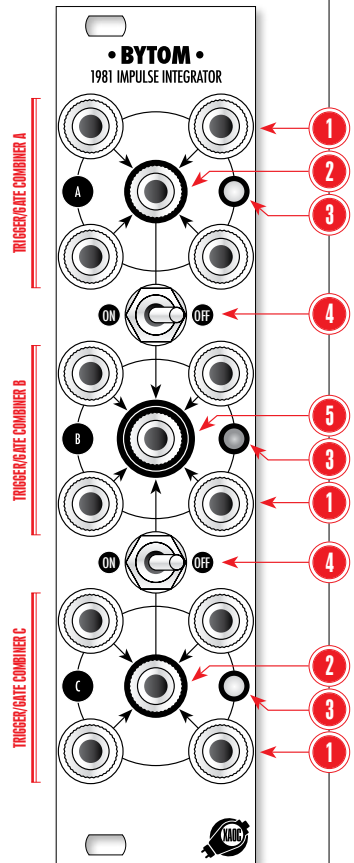
Bytom is a triple gate and trigger signal combiner (OR gate) that consists of three independent sections. Each one can process up to four signals fed to input sockets 1.

The corresponding LED 3 will light up every time the status of the gate/trigger on the output 2 is high.

All three sections can be normalized into one 12-signal combination via the manual switches 4, also the upper or lower sections can be combined with the middle section to form an 8-signal combination. Summed signals of two or three sections will appear on the middle section's output socket 5.

The individual outs 2 on upper and lower sections remain active even when combined with the middle section.

Last but not least, *Bytom* can be also used for summing positive control voltages.



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