

General

The DRUM-99 module is an audio-mixer designed for the modules of the MFB-DRUM series but also for usage with other manufacturer's modules. When using multiple drum-modules in a modular-system, the following processing stages like filters or VCAs often do not offer enough audio inputs. Therefore, to route a complete drum-set through a filter, a separate mixer like the DRUM-99 comes handy.

Set-Up

DRUM-99 is fully compatible to Doepfer's A-100 modular system - in size, bus-power and CV/Gate voltage. Connect the 16-pin cable to a corresponded 16-pin jack on the Doepfer mainframe bus or the MIDI/CV circuit board. Supply voltage needs to be +/- 12 volts, 5-volt connections are not required. The wattage is +/- 30 mA, the module size 12 TE (Teileinheiten).

ATTENTION: Please, check for correct polarity! The colored side of the connector-cable needs to point downwards so that the cable is not twisted.

Functions

DRUM-99 offers five monophonic inputs (In 1...5). Each inputs offers level control (Level 1...5) as well as panorama control (Pan 1...5) to set volume and stereo-placement of for the individual sounds routed to the module's internal stereo-bus.

In addition, the module offers a stereo-input with fixed input sensitivity. You may add one or several DRUM-99 modules to increase the number of mixing-channels. This input can also be used with the DRUM-06 (Tom Tom) module that offers a matching stereo-output.

Tip: In case, a stereo-output is not needed, you may use a single output. Here, the panorama control will also influence the signal level. By routing the input signals to extreme panorama positions, it is also possible to use DRUM-99 as two separate monophonic mixers, e.g. for a 3-in-1 and 2-in-1 routing. The corresponding inputs of the fixed stereo-input are also available. Due to component tolerances, there might a slight crosstalk between both channels when using the DRUM-99 in a dual mono mixer configuration.

All five monophonic inputs are mixed to the stereo-output that can be connected to two VCAs, filters or other sound shaping stages. The outputs can also be used to connect directly to a mixing console or audio-Interface. The stereo-output is designed for possible summing with additional stereo-outputs.



Operating Manual

**DRUM-99
Mixer Module**