General

The DRUM-98 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-98 comes handy.

Set-Up

DRUM-98 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 MFB MIDI/CV circuit-board or Doepfer's mainframe bus. Supply voltage needs to be +/- 12 volts, 5-volt connections are not required. The wattage is +/- 20 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-98 offers five monophonic inputs (In 1…5). Inputs 1 to 5 offer level control (Level 1…5), while Inputs 2 to 5 also offer panorama control (Pan 2…5). These controls allow to manually set volume and stereo-placement for the individual sounds routed to the module's internal stereo-bus. Input 1 is fixed to the stereo center and can be used for sounds like the kick or snare drum, e.g. DRUM-01/04/05.

Unlike in our module DRUM-99 Mixer, the stereo input in DRUM-98 is adjustable in input sensitivity. Here, you may also add one or several DRUM-98/99 modules to increase the number of mixing-channels. This input can also be used with the DRUM-06 (Tom Tom) or DRUM-08 Clap module that offers a matching stereo-output.

Tip: In case, a stereo-output is not needed, you may it use a single output. Here, the panorama control will influence the signal level. By routing the input signals to extreme panorama positions, it is also possible to use DRUM-98 as two separate monophonic mixers, e.g. for two 2-in-1 routings. The corresponding inputs of the stereo-input add a channel to each mixer – however with combined level control. Due to component tolerances, there might a slight crosstalk between both channels when using the DRUM-98 in such 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-98
Mixer Module