

DOEPFER

News

Musikmesse Frankfurt 2008



DOEPFER MUSIKELEKTRONIK GMBH

News Musikmesse Frankfurt 2008

On the occasion of the Musikmesse Frankfurt March 12-15, 2008 we show some of our new products within the special show **Synthesizer-Welt** in **hall 5.1, booth B66** which has been arranged by the German Synthesizer-Magazin. A big A-100 system that contains all new modules can be seen and tested, as well as the CV/Gate keyboard and the new A-100 Monster Base Frame.

We are looking forward to seeing you at the booth. On the following pages you find the new gear we will present in Frankfurt. More detailed information about the devices is available via the corresponding link on the news page of our website: www.doepfer.com > NEWS > link to the device in question.

Best regards
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A-100 News

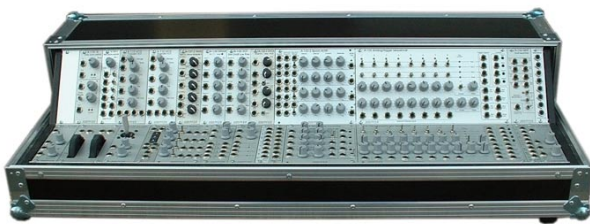


Date of Delivery: end of March 2008

Prices:
 4 octave version with metal case: Euro 350.00
 OEM version (without keyboard and case):
 Euro 100.00
 (suitable keyboards with 2, 3, 4 and 5 octaves for
 the OEM version see price list)

A-100 CV/Gate Keyboard (A-100CGK)

A monophonic analog keyboard with the following outputs: CV, gate, velocity, after touch. The first use of the keyboard is to control the A-100 modular but as the CV follows the 1V/octave standard and the gate output can be set to +5V or +10V or switch trigger it is useful to control other analog synthesizers or modular systems as well. The keyboard has a (polyphonic) Midi output available as well, e.g. to control a polyphonic CV interface. The keyboard length is 4 octaves key and the device is equipped with a rugged metal case. Other versions with 2, 3 or 5 octaves are available only as DIY/OEM products, i.e. only the keyed + pc board (without case). For these versions the case has to be built by the customer. We will give some hints how to built such a case from parts available in your local hardware store.



Date of Delivery: ~ May 2008
 Price: ~ Euro 700.00

A-100 Monster Base Frame

This is another frame for A-100 modules. It can be used as a stand alone unit or in combination with a monster case as it has the same width as the monster cases. It has a removeable top cover with handle for easy transportation. The frame has two rows for modules available: one with horizontal alignment and another 45 degrees inclined row. The useable width is 160 HP, two power supplies (PSU2) and four bus boards are built in. A ribbon controller (A-198 or R2M) can be mounted in front of the frame and the A-100CGK keyboard can be positioned below the ribbon controller.



Date of Delivery: end of March 2008
 Price: ~ Euro 240.00

A-100 Low Cost Suitcase

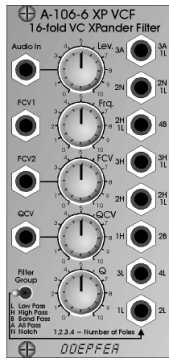
As many customers have been asking for a more economical solution for the A-100 frame we will offer a low-cost version of the suitcase. It's construction is simpler without front cover, without handle, without rubber feet and without the metal rails and corners of the standard suitcase. The case is made of raw wood (like the raw version of the miniature case) probably varnished with black primer only as shown in the picture. The low cost suitcase will be available only with the mains inlet located located at the rear panel. Versions with other positions of the mains inlet are available only upon request (additional charge and longer delivery time). The case can be varnished by the customer in any desired colour e.g. by means of a spray can.



A-137-2 Wave Multiplier 2

Module A-137-2 is another version of a wave multiplier. In contrast to the A-137-1 Wavemultiplier I the A-137-2 generates four phase-shifted copies of a VCO signal applied to the audio input. The four shifted signals are added to the original signal to obtain a fat sound similar to five independent VCOs. Details about the working principle of the A-137-2 are available on our website www.doepfer.com/A1372.htm.

Date of Delivery: early summer 2008
 Price: ~ Euro 60.00



A-106-6 XP VCF (Filter Pool)

Module A-106-6 is a multimode VCF that is based on the filter circuit of the Oberheim Xpander. The module features 15 different filter types (those filters of the Morphing Filter A-107 that were available in the Xpander) with 8 filters available simultaneously. A toggle switch is used to switch between 2 filter groups.

Date of Delivery: spring 2008

Price: ~ Euro 150.00

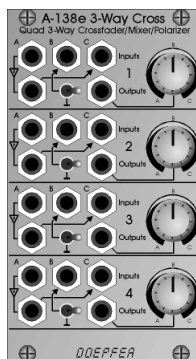


A-189-1 Voltage Controlled Bit Cruncher/Modifier

Module A-189-1 is the first derivative of the universal AD/DA module. It offers several voltage controlled bit modification functions like voltage controlled bit crunching, bit shifting, bit exchange, digital ring modulator and others. It has two units with manual control and CV input with attenuator: One for the bit manipulation function (e.g. bit crunching) and another for the sampling rate (SR and SR CV). The signal input is equipped with an attenuator. As the module is DC coupled even control voltages can be processed. The mode (e.g. bit crunching, bit shifting, bit exchange) is selected by a 16-position rotary switch.

Date of Delivery: early summer 2008

Price: ~ Euro 80.00



A-138e Quad Three-Way Crossfader/Mixer / Polarizer

Module A-138e contains four identical units that can be used for different crossfading, mixing and polarizing applications:

- Polarizer: only input A is used, inputs B and C are unconnected.
- Two-way Crossfader type 1: Two different signals are connected to the inputs A and **C**, unit works as two-way crossfader between the two signals connected to the inputs A and C. In the center position both signals appear with the same level.
- Two-way attenuator: Two different signals are connected to the inputs A and C,. The control is used to attenuate signal A (ccw...center) or B (center...cw). In the center position there is no signal.
- Three-way Crossfader: Three different signals are connected to the inputs A, B and C. The position of the control defines the share of the signals A, B and C appearing at the output.
- Two-way Crossfader/Polarizer type 2: Two different signals are connected to the inputs A and **B**. (ccw: output = A, center = B, cw = inverted A) Useful for CV mixing e.g. ADSR and LFO

For the controls potentiometers with center detent are used.

Date of Delivery: spring 2008

Price: ~ Euro 80.00



A-132-3 Dual Linear/Exponential VCA

Module A-132-3 is composed of two identical voltage controlled amplifiers (VCA). Each VCA has a manual gain control and a control voltage input with attenuator. The character of the control scale can be switched to linear or exponential. All inputs and outputs are DC coupled. Consequently the VCAs can be used to process both audio and control voltages. The input has no attenuator available but is capable to process up to 16V_{ss} signals (i.e. -8V...+8V) without distortion.

Date of Delivery: spring 2008
Price: ~ Euro 80.00



A-134-2 Dual Voltage Controlled Crossfader

Module A-134-2 contains two identical voltage controlled crossfader units. As the inputs and outputs are DC coupled the module can be used for both audio and control voltage signal processing. Each unit has two voltage controlled amplifiers (VCAs) with opposite control behaviour available.

Two types of control voltage behaviour (internal jumper):
Symmetrical: both VCAs have the same 50% amplification with zero CV. If the applied CV becomes positive the amplification of VCA1 increases and those of VCA2 decreases. Useful for bipolar control voltages (e.g. LFO, joy stick)

Asymmetrical: VCA1 is fully closed and VCA2 has full 100% amplification with zero CV. If the applied CV becomes positive the amplification of VCA1 increases and those of VCA2 decreases. Useful for positive control voltages (e.g. ADSR, Theremin, ribbon)

Date of Delivery: spring 2008
Price: ~ Euro 80.00



A-138d Crossfader/FX Insert

Module A-138d can be used in two different ways. As a crossfader module within the A-100 or as an insert module for external effect units (e.g. guitar stomp boxes) with dry/wet control. If the module is used as a crossfader within the A-100 the two audio signals are connected to the sockets *In 1* and *In 2*. The position of the *Crossfade* control defines the relation between the levels of the signals. The mute switch can be used to mute *In 1* or *In 2* independent of the position of the crossfade control.

If the module is used as an effect send/return unit the A-100 signal that has to be processed by the external effect unit is connected to *In 1*. The signal can be attenuated by control *Atten.* before it is output to the 1/4" socket *FX Send*. The output of the external effect unit is connected to the 1/4" socket *FX Return*. The *CF* control of the A-138d works now as a dry/wet control for the external effect.

Date of Delivery: already available
Price: Euro 60.00



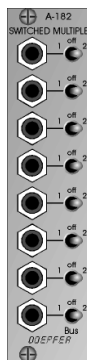
A-164-1 Manual Gate

Module A-164-1 is equipped with 3 push buttons that are used to generate three separate manual gate signals. The gate number (1, 2, 3) is milled into the caps and white inked. Gate 1 is a bit different: provided that no plug is connected to the input socket it behaves like the other two manual gates (the socket is normalled to +12V via a protection resistor). If a control signal (e.g. rectangle output of an LFO) is fed into the input socket the gate button 1 is working as a momentary on/off switch that is used to turn the signal on/off that appears at the two output sockets (kind of mute function). Each Gate output has two sockets available (miniature multiple).

Internal jumpers can be used to connect Gate 1 or Gate 3 to the gate line of the internal A-100 bus. That way the module can be used to control e.g. one or more envelope generators that are connected to the same bus board as the A-164.

Date of Delivery: already available

Price: Euro 40.00



A-182 Switched Multiple

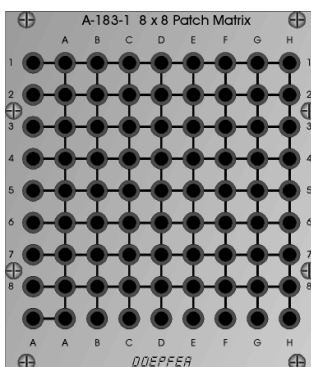
Module A-182 is a simple passive multi-connector. In contrast to the multiple module A-180 each socket is equipped with a 3-position switch that allows to connect the corresponding socket to the internal bus #1 (left position), bus #2 (right position) or to turn the socket off (center position).

Examples:

- all switches in left position or all switches in right position: 8-fold multiple
- four switches in left position and four switches in right position: two 4-fold multiple
- X switches in left position, Y switches in right position and Z switches in center position: two separate multiples with some sockets turned off

Date of Delivery: already available

Price: Euro 50.00



A-183-1 Patch Matrix

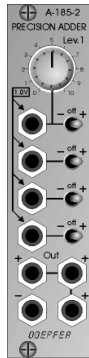
Module A-183-1 is a 8x8 patch matrix with standard 3.5 mm jack sockets at the crosspoints. At the crosspoint shortening plugs or plugs with diodes, resistors or other electronic parts can be plugged in.

Typical applications:

- multiple signal distribution (1...8 = inputs, A...H = outputs, with shortening plugs)
- signal mixing (with resistor plugs)
- gate/trigger combination (with diode plugs)

Date of Delivery: spring 2008

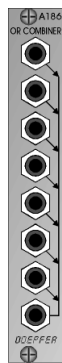
Price: ~ Euro 100.00



A-185-2 Precision Adder/Bus Access

Precision control voltage adder. Suitable to add control voltages for the pitch control of VCOs (e.g. from keyboard + sequencer 1 + sequencer 2). The module is equipped with four CV inputs: one with attenuator and three without attenuator. Each input is normalised to +1.00V (i.e. if no plug is inserted the input contributes 1.00V to the sum appearing at the output). The input with attenuator can be used for common modulations (e.g. from an LFO, ADSR, Theremin, Pitch-Bender) for all VCOs connected to the output. The inputs without attenuators are planned to add control voltages coming out of keyboards, sequencers, Midi-to-CV interfaces, ribbon controllers or other CV sources that follow the 1V/oct standard. Each input is equipped with a three-position switch that determines if the corresponding voltage is added (right position), subtracted (left position) or if the input has no effect (center position). If no plug is inserted the corresponding switch works as an octave switch as the default 1.00V are added or subtracted to the output voltage according to the switch position. An internal jumper can be used to connect the non-inverted or inverted output to the CV line of the A-100 bus. That way the module can be used to control several VCOs that are connected to the same bus board as the A-185-2.

Date of Delivery: already available
 Price: Euro 60.00

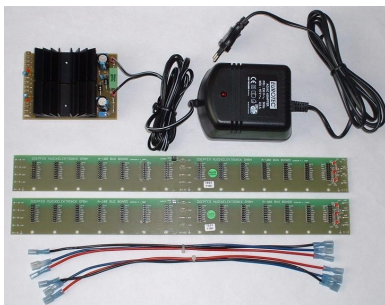


A-186-1 Gate/Trigger Combiner

A simple passive module that combines up to 7 gate or trigger signals by or-wiring:

- if all seven inputs are low or open the output is low
- if one or more of the seven inputs is "high" the output turns high

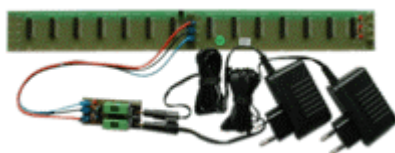
Date of Delivery: already available
 Price: Euro 35.00



A-100 DIY Kit 1

contains a 12V power supply with external transformer (because of safety reasons), two bus boards, the cables required to connect power supply and bus boards, and four metal rails with threads to mount the A-100 modules. The kit is suitable to built an A-100 frame with 84HP and 6HU.

Date of Delivery: already available
 Price: €100.00, including external transformer (230V version with European mains plug)

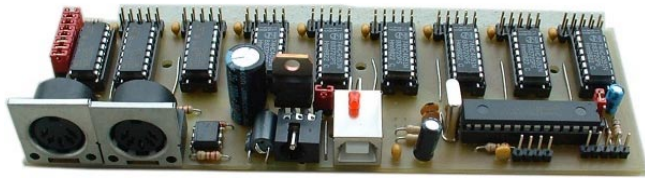


A-100 DIY Kit 2 (low cost DIY kit)

contains two external 12V power supplies, an adapter board, one bus board, the cables required to connect adapter board to the bus board, and two metal rails with threads to mount the A-100 modules. The kit is suitable to built an A-100 frame with 84HP and 3HU.

Date of Delivery: already available
 Price: €60.00, including two stabilized 12V power supplies (230V version with European mains plug)

OEM/DIY News



Date of Delivery: already available
Price: Euro 145.00 (including eight 10-pin ribbon cables, USB cable and power supply)

USB64

USB64 is an assembled and tested electronics kit that can be used to connect up to 64 controls like rotary potentiometer, sliders, momentary or toggle switches. The potentiometers or switches generate Midi control change or Midi note messages. The module is equipped with Midi and USB. In USB mode the module can be powered by the USB host. In Midi mode (without USB) the module is powered by an external power supply. Software updates can be downloaded from the doepfer website for free.



MBP25

Assembled and tested electronics kit suitable for bass pedals manufactured by Fatar/Italy. One or two 13 key pedals Fatar PD/3 can be connected to the MBP25 electronics. With two PD/3 one obtains a 25 key pedal (one key has to be removed). Available as electronics kit without bass pedal, as kit with 13 keys pedal or kit with 25 keys pedal (two 13 keys pedals, one has to be shorted), it is not for sure if a ready built device with housing will be available.

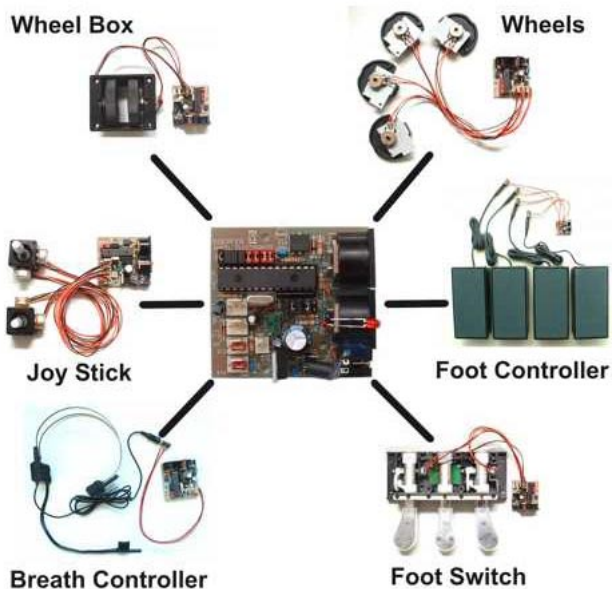
Date of Delivery: end of March 2008

Prices:

~ Euro 65.00 (electronics only)

~ Euro 130.00 (kit with electronics and 13 keys pedal)

~ Euro 200.00 (kit with electronics and two 13 keys pedals to form a 25 keys pedal)



Wheel Electronics

universal low cost Midi interface with 4 analog inputs and one digital input for modulation wheels, joysticks, breath controller, foot controllers and similar, and a sustain foot switch (digital input)

Date of Delivery: already available

Price: Euro 40.00