

# MODEL 12 SYNTHESIZER

## SW MODEL 12 SYNTHESIZER FOR STUDIO AND STAGE

Powering up a SYNTH-WERK is not about switching on – it's about letting an outstanding instrument come to life!

Masterly handcrafted in Munich, Germany with respect and dedication to a beautiful mind.



SW903A  
SW907  
SW904A  
SW911

SW921A  
SW921B  
SW921B  
SW921  
SW902  
SW902  
SW911

SWCP3 Mixer  
SW Reversible Attenuator  
SW CP Multiples & Attenuators  
Power Switch

Weight: approx. 18 kg  
Width: 46 cm  
Depth: 21 cm, plus 4 cm cover  
Height: 63,5 cm

**SYNTH-WERK™**  
THE SPIRIT OF TRUMANSBURG

– EST. 2013 –

# MODEL 12 SYNTHESIZER

**The SYNTH-WERK Model 12  
can serve you in many ways:**

## IN THE STUDIO

Make your Model 12 the center of your recording studio and upgrade your modular synthesizer setup with a sound that created legends. Except for phone-plug-size 5U-modules are by the way fully compatible and patchable to Eurorack A-100 Models, so it's not about adding another niche, it's about expanding your own musical eco-Model and let it grow.

## ON STAGE

The SYNTH-WERK Model 12 is a powerful performer, longing to be used live on stage. Whether you will use it with a sequencing-unit or a keyboard, be assured to have some outstanding sonic possibilities right there at your fingertips. Playing this wonderful instrument is more like talking to an old friend, analogue to that time and space being second-tier – so: enjoy!

The renowned Synthesizer 12 build from 1972 to 1973 at the Trumansburg factory, equal to its numbered 10 predecessor, was a landmark of craftsmanship that despite close similarity brought along a new developed oscillator model that went by the name 921. The 921 design was a distinct evolutionary step on a constant journey to new levels of analogue waveforming.

Likewise its forerunner, the SYNTH-WERK Model 12 is considered an extraordinary example of a supreme and compact combination of 5U-tools with explicit portability in mind. Every single unit is composed from a careful selection of the finest prime parts available. At heart it relies on our latest achievement in successfully recreating the versatility of the 921 Oscillator in every aspect imaginable, resulting in a SW921A control unit combined with two SW921B Oscillators, alongside an independent SW921 module.

Compared to the puristic design and musical rawness of its ancestor, the SYNTH-WERK 921 unfolds its capabilities likewise in a much more sophisticated and grownup manner, accompanied by increased tonal flexibility. This is mainly obtained by careful observation of the original build and meanwhile rethinking the whole circuit to produce a VCO that sounds as good as the original. Therefore we respectfully integrated only highly accurate parts and authentic NOS parts, following the original circuit design without any compromise!

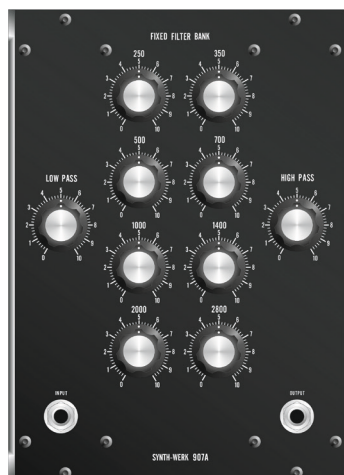
The units are extended by a classic SW903A Random Signal Generator as well

as the voltage controllable famous lowpass Ladder Filter model SW904A which imparts essentially every audio-source imaginable with its unique character.

More sound sculpting possibilities are implemented with a SW907 Half-Octave Filter module that is capable to come up with some structural and flexible formant shaping, not at least due to some integrated custom made high-class inductors. Besides dynamic modulation the two SW911 elements can be used to describe the contour and envelope of the resulting sound by targeting the SW902 Amplifier or as well controlling the SW904A Lowpass Filter. Regarding attack and decay times you can choose from the same luscious bandwidth like its reference from two milliseconds up to ten seconds.

It is worth mentioning, that the SW907 Fixed Filter Bank is available with two different frontpanel options to choose from. If you decide to go for a custom configuration containing the 6401 Bode Ringmodulator or the MM551MIDI/CV Interface, the narrower 907A version is mandatory. If you don't require to gain some space in your rack, you are also able to upgrade the fixed filter element with the advanced SW914 Fixed Filter Bank.

The SYNTH-WERK Model 12 ships perfectly embraced in a tolex covered replica of an original Moog style travel-enclosure with front lid and an integrated well-spaced custom power supply unit.



**SYNTH-WERK**

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