

# Moog Model 15 Modules

General overview:

-Route an audio signal through the Model 15

-Shape it and modulate it along the way as you see fit with control signals, filters, and a delay effect

More in depth explanation of each section:

## Oscillator Driver, Oscillators, Noise Source, Voltage Controlled Oscillator

These modules are the primary source of sound, and can also be used as modulation controllers by routing the outputs to inputs.

Oscillator Driver (921A) - Internally connected to the two 921B Oscillators providing master tuning control, includes control inputs.

Oscillators (921B) - Featuring four waveform outputs, tuning controls, and modulation and sync inputs.

Noise (923) - Noise outputs for sound or modulation.

Voltage Controlled Oscillator (921) - Featuring four waveform outputs, two auxiliary outputs, tuning controls, and control inputs.

## Voltage Controlled Amplifiers, Amplifiers

Amplifiers control the level of audio or the level of a control signal.

Route the sound signal into the main VCA (902), using either Envelope (911) as an input for traditional keyboard control.

There are also two extra Amplifiers at the bottom.

## Envelope Generators

The Envelope Generators (911) send a control signal that is shaped by the four knobs (attack, decay, release, sustain).

## Filters

Route audio through any of the filters to further shape the sound, using the inputs on module 904A to control it's Cutoff Frequency.

## Mixer, Controller Outputs, Attenuators

The Mixer can be used to mix audio or control signals at any point in the chain.

The Controller Outputs send control signals as follows:

Pitch Control Voltage - A control signal based on the note played, with three Trigger outputs.

Modulation - A control signal controlled by the Mod Wheel.

Velocity - A control signal based on key velocity.

Aftertouch - A control signal based on aftertouch (pressure).

Ribbon Main/Aux - A control signal controlled with the upper ribbon, with a Trigger output controlled by the lower ribbon.

The Attenuators (995) at the top allow you to lower the level of an audio or control signal.

The Reversible Attenuators can decrease and/or phase invert the level of an audio or control signal.

## Control Panel, Bridges, Delay Effect, Recorder

Route sound to either of the Trunk Lines in the Control Panel to hear output on your device.

The Bridges can be used to route audio or MIDI to and from other iOS apps.

The Delay Effect module processes audio after the Trunk Lines.

The Recorder is a module that records the audio output.

See the in app manual for full details.

