

Source Audio SA250 "Artifakt" Notes...

project start date:
11 Dec 2020

280

USB: Connect a USB-C cable to use the Neuro mobile/desktop app for more sounds & controls!

POWER: 9VDC only. Center negative. 200mA. Preferably isolated.

~~DESTRUCT~~ **DESTRUCT:** Manipulates the output signal in some kind of destructive way. Actual effects vary by engine...

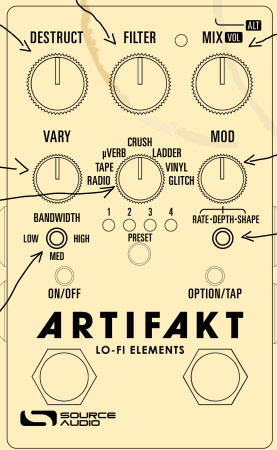
FILTER: Adjusts the tone, ladder filter centerpoint, or dark/bright character of the signal.

CONTROL INPUT (TRRS): Connect to external Source Audio utility devices. OR press ALT button to access secondary controls!

VARY: Explore the sonic limits of each engine. See back for specific controls.

MIDI: 3.5mm TRS THRU goes here.

EFFECT SELECTOR: "The brain" (see back). A 7-way rotary selector containing 7 base "engine" starting sounds. Will override preset settings!



MIX: Sets the wet/dry mix of the effected signal. Noon is 50/50. Tap ALT & turn MIX for Output.

MIDI: 3.5mm TRS IN goes here.

MODULATION: Modulates the sound; typically by using 1 of the 2 onboard LFOs.

Knob function controlled by "Rate/Depth/Shape" switch.

INPUT 1 (Mono)
INPUT 2 (Stereo)

? DETECT cables in audio inputs? ✓✓✓

MIDI-DINP TOO BIG. TRS OUTPUT 1 (Mono)
OUTPUT 2 (Stereo)

BANDWIDTH Switch: Alters the age-related characteristics (typically, EQ voicing or sampling rate) of the effect.

ON/OFF Footswitch: Engages or disengages the effect.

OPTION Footswitch: Tap (& sometimes hold) to unlock new sound behaviors; wild oscillations, time stoppage. Functions vary per engine.

PRESETS: Press & hold to save a preset. Push to cycle through preset slots. First 4 banks of 4 all have a different colour. Use Neuro to create new sounds & download community sounds!

SOFT-TOUCH HARD-CLICK

"Artifakt" Notes, continued...

"The Brain" (7-way Effect Selector): Each position on the Effect Selector loads a different lo-fi engine.

RADIO	Tune from failing, signal dropping, AM static to FM fidelity and everything in between.
TAPE	Two-deck tape emulation including saturation, compression, and wow & flutter modulation.
μVERB	A primitive reverb using diffuse delays. Similar to reverbs in 8-and-16-bit gaming systems.
CRUSH	Bit-crushing & sample rate reduction, animated by an optional chorus and our ladder LPF.
LADDER	Our new ladder LPF, configured for you to distort, modulate, and/or envelope control it.
VINYL	Drop the needle on yesteryear with this classic vinyl player emulation.
GLITCH	Play to record. Stop playing to hear your mangled, randomly pitched signal spat back at you.

Variable Controls By Engine: These knobs and switches have a different function depending on the base effect engine selected by the 7-way Effect Selector switch.

	DESTRUCT	VARY	FILTER	BANDWIDTH	OPTION TAP	OPT. HOLD
RADIO	# of Dropouts	Compression	Treble	Voicing	Noise ON/OFF	--
TAPE	Saturation	Delay Time	Treble	Max Delay Time	Tap Tempo	Oscillate
μVERB	Distortion	Reverb Decay	Treble	Sample Rate	Oscillate	--
CRUSH	Bit Depth	Sample Rate	Ladder Freq.	Voicing	Chorus ON/OFF	--
LADDER	Distortion	Env. Control	Ladder Freq.	Ladder Filter Q	Delay ON/OFF	--
VINYL	Noise Level	Random & Dist.	Treble	Voicing	Vinyl Skip	--
GLITCH	Distortion	Threshold	Ladder Freq.	Sample Rate	Clear & Arm	Stop Playback