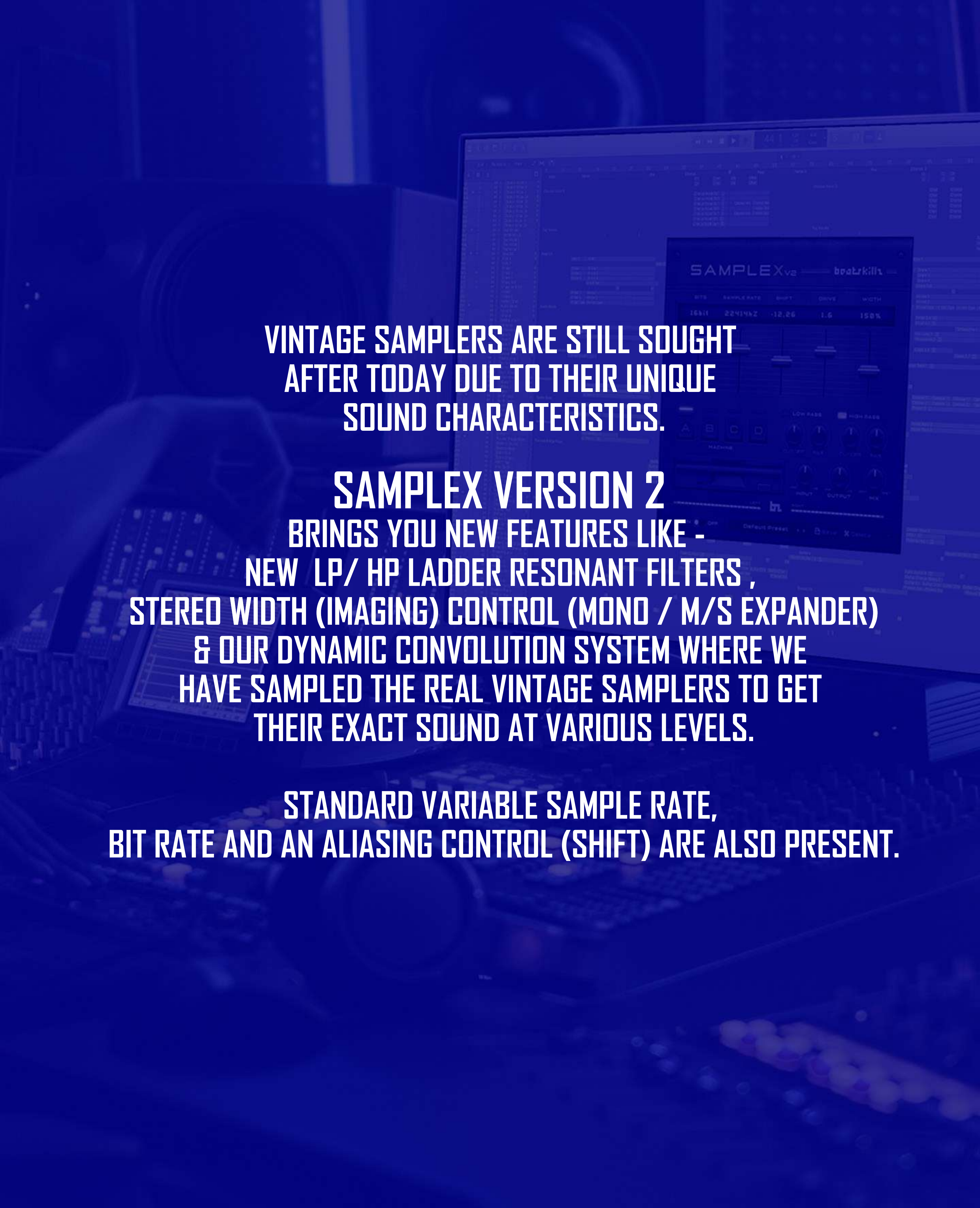


BEATSKILLZ PRESENTS

# SAMPLEX V2







**VINTAGE SAMPLERS ARE STILL SOUGHT  
AFTER TODAY DUE TO THEIR UNIQUE  
SOUND CHARACTERISTICS.**

**SAMPLEX VERSION 2  
BRINGS YOU NEW FEATURES LIKE -  
NEW LP/ HP LADDER RESONANT FILTERS ,  
STEREO WIDTH (IMAGING) CONTROL (MONO / M/S EXPANDER)  
& OUR DYNAMIC CONVOLUTION SYSTEM WHERE WE  
HAVE SAMPLED THE REAL VINTAGE SAMPLERS TO GET  
THEIR EXACT SOUND AT VARIOUS LEVELS.**

**STANDARD VARIABLE SAMPLE RATE,  
BIT RATE AND AN ALIASING CONTROL (SHIFT) ARE ALSO PRESENT.**





# 4 ICONIC VINTAGE SAMPLERS



A



B



C



D





In today's advanced age of music tools that seek the "cleanest", most "perfect" sounds, there has suddenly been a desire for the "Gritty" sounds of the machines of the past.

Once such quest has been the acquisition of old, primitive samplers and sample drum machines. This has increased the rate of these machines to 10s of thousands of dollars.

The sound that producers and artists seek in these boxes is usually the low bit rates and sample rates resulting in an "aliased" sound or "artifacts" as we now call them. These limitations of the vintage machines have now become very desired and sought after sound. Just sample rate reduction and "Bit crushers" have yet to actually sound like old machines.

Our team at Beatskillz went on a quest to study the actual circuitry and found each and every step right from the A/D converters, preamps, analog and digital filters and processes involved to recreate each stage and bring you a plugin that can not only emulate a sampler but many, and also lets you design your own sampler or vintage chip!

The Sample Rate Interpolation system that we have built in DSP, lets you dial in any sample rate from 96 kHz to 2 kHz. You can also "type" in the values!



# CONTROLS

## A/D SAMPLE SECTION

### BITS CONTROL

SET THE BIT RATE WITH THIS CONTROL. THE RANGE VARIES FROM THE MODERN-DAY 24 BIT RIGHT DOWN TO 4 BITS! YOU CAN ALSO "DOUBLE CLICK" THE BIT DISPLAY LCD AND MANUALLY ENTER THE VALUE THAT YOU DESIRE.

### SR CONTROL (SAMPLE RATE)

SET THE SAMPLE RATE WITH THIS CONTROL. THE RANGE VARIES FROM 96 KHZ (YOUR DAW SAMPLE RATE) DOWN TO 2 KHZ. YOU CAN ALSO "DOUBLE CLICK" THE BIT DISPLAY LCD AND MANUALLY ENTER THE VALUE THAT YOU DESIRE.





# ALIASING & DRIVE SECTION

## SHIFT

THE KEY PROCESS OF GETTING THOSE “ALIASED / RING” SOUNDS FROM THE VINTAGE SAMPLERS WAS TO LOWER THE PITCH OF THE SAMPLES. THE EFFECT CAUSED BY VINTAGE SAMPLERS IS EMULATED HERE, ALLOWING A USER TO “DIAL-IN” THE EXACT ALIASING SOUND THAT THEY WANT TO HEAR, WITHOUT ACTUALLY MODIFYING THE PITCH OF THE SAMPLE. “DOUBLE CLICK ” AND ENTER THE VALUE OR USE THE DIAL..

## DRIVE (ON/OFF SWITCH & CONTROL)

IN VINTAGE SAMPLERS, USERS OFTEN “OVERLOADED” THE PRE-AMP BEFORE THE A/D CONVERTER TO GET A “DRIVEN” SOUND. WE HAVE ACCURATELY EMULATED THE SOUND FOUND IN THE S900 SAMPLER TO GIVE YOU THE SAME SATURATION AND DRIVE, AND GET EVEN CLOSER TO THE SOUND OF THOSE VINTAGE BEASTS!“DOUBLE CLICK ” AND ENTER THE VALUE OR USE THE DIAL.





# ANALOG FILTER EMULATION

## FILTER TYPE ( THE RED ON/ OFF SWITCH )

WE HAVE ACCURATELY MODELED THE POPULAR VINTAGE ANALOG MONO SYNTH USED ON COUNTLESS RECORDINGS.

THIS IS A 24 DB/OCT LOW PASS FILTER WITH RESONANCE. IF YOU INCREASE THE RESONANCE IT DOES GO INTO "SELF-OSCILLATION" CREATING A PITCHED TONE, JUST LIKE THE ORIGINAL. THIS FILTER IS PERFECT FOR THOSE WARM AND DARK TONES FIT FOR LO-FI AND HIP-HOP MUSIC. EXTREMELY ADDICTIVE!

## FILTER FREQ CONTROL

SET THE CUTOFF FREQUENCY FOR THE LOW PASS FILTER HERE.  
THE RANGE IS 20 KHZ TO 20 HZ.

## RES CONTROL

SET THE RESONANCE OF THE LOW PASS FILTER USING THE SLIDER CONTROL. THE RANGE IS 0 TO 1.0, YOU CAN GO EXTREME AND GET THE FILTER INTO SELF-OSCILLATION MODE LIKE THE REAL ANALOG FILTER THAT IT WAS MODELED AFTER.





# MIX & INPUT OUTPUT SECTION

## WET / DRY

THE WET CONTROL WILL CONTROL THE AMOUNT OF THE “EFFECTED” SIGNAL AND THE DRY CONTROL WILL MIX IN THE ORIGINAL/ CLEAN SIGNAL. THIS GIVES YOU THE POSSIBILITY OF MIXING JUST THE RIGHT AMOUNT OF PROCESSING TO YOUR INPUT AUDIO.

## IN / OUT

THE IN CONTROL LETS THE USER INCREASE OR DECREASE THE GAIN OF THE INPUT AUDIO AND THE OUT CONTROL LETS THE USER INCREASE OR DECREASE THE GAIN OF THE OUTPUT AUDIO SIGNAL AFTER BEING PROCESSED BY THE PLUGIN.





### **PLUGIN FORMATS:**

MAC OSX – VST3/AU/AAX – 64BIT

WINDOWS – VST3/ AAX – 64 BIT

PC/MAC : WINDOWS 10 OR LATER\* . / OSX  
10.13 OR LATER

### **MINIMUM SYSTEM REQUIREMENTS:**

INTEL I3 / AMD RYZEN OR EQUIVALENT

2 GB RAM / 300 MB HD

SCREEN RESOLUTION: 1024×768

VST3, AU, OR AAX 64-BIT HOST

### **INSTALLATION ON OSX:**

- DOWNLOAD THE SAMPLEX-V2.PKG FILE
- DOUBLE CLICK ON THE PACKAGE  
ZIP AND CLICK OPEN
- FOLLOW THE INSTRUCTIONS TO  
INSTALL THE PLUG-IN(S)

### **INSTALLATION ON WINDOWS:**

- EXTRACT SAMPLEX -V2 WIN.ZIP AND  
RUN SAMPLEX -V2.EXE
- FOLLOW THE INSTRUCTIONS  
TO INSTALL THE PLUG-IN(S)

### **SETUP AND REGISTRATION:**

AUTHORIZING BEATSKILLZ PRODUCTS ARE REALLY EASY TOO.

WHEN YOU OPEN THE PRODUCT FOR THE FIRST TIME IT WILL OPEN IN  
TRIAL MODE. IT WILL ASK YOU FOR YOUR AUTHORIZATION CODE  
( YOU ONLY NEED TO DO THIS ONCE FOR THE PRODUCT ).

YOU CAN CONTINUE IN TRIAL MODE BY SELECTING " DEMO: FROM THE TOP BAR.

IN "TRIAL MODE" THE PLUGIN WILL WORK AS A FULLY FUNCTIONAL  
SOFTWARE FOR UP TO 15 DAYS. AFTER THE TRIAL PERIOD IS OVER,  
THE PLUGIN WILL STOP WORKING.

TO MAKE THE PLUGIN WORK AGAIN, PLEASE CLICK THE "GET SERIAL"  
BUTTON ON THE REGISTRATION WINDOW. THIS WILL TAKE YOU TO THE  
PRODUCT PAGE ON OUR TONE EMPIRE WEBSITE, WHERE YOU MAY PURCHASE  
THE FULL VERSION OF THE PLUGIN.



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