


CASIO SA-21 LEGACY

user manual



loops de la Crème - November 2023



Thank you for downloading this Kontakt instrument! CASIO SA-21 LEGACY is a complete and faithful reproduction of a small characterful keyboard. It features all original voices from the keyboard, with additional drum kits, and accompaniment loops. The library also includes an inspiring ensemble of presets organised in categories.

INSTALLATION

To install the samples and instruments on your hard drive, unzip the file named CASIO SA-21 LEGACY.zip. On a Mac, use the default 'Archive utility'. On a PC, I recommend to use Winrar or Winzip to properly unzip the file.

You can then copy/paste the CASIO SA-21 LEGACY folder to your sample library hard drive, and make sure you make a backup of the new samples on a separate drive (or a SD card / USB stick...)

IMPORTANT NOTE:

!!! Please keep the CASIO SA-21 LEGACY folder structure intact: Do not move or erase a folder or a file from the main library folder to ensure proper loading of the instruments.

LOADING INSTRUMENTS

To load the instrument, find it from the Kontakt Files Tab and double-click on the instrument's name or use drag- and-drop. You can also use Kontakt's **'quick load'** menu. Find more infos about this in Kontakt's user manual

!!! NB: Native Instruments Kontakt 5.8.1+ is required to fully use the instruments. Make sure you have the latest updates installed.

You can also load patches with Kontakt Free Player in demo mode (with a 15mn time limit and saving functions disabled).

Along this user guide, you'll find a pdf **License Agreement**. Please read this text carefully: it precisely explains the things you are allowed and not allowed to do with the sample library.

PRESETS

The library comes with 33 presets organised in categories:

- Keys
- Plucks
- Bass
- Leads
- Pads
- Multis

00_CASIO SA-21 init.nki	33_lead_Waw Voice Orient.nki
01_keys_CinePiano Nocturne.nki	34_lead_GlassHarmo organix.nki
02_keys_juice.nki	41_pad_warm Confiture.nki
03_keys_dynamic EP.nki	42_pad_Brass la Prophet.nki
04_keys_Synthy Organ.nki	43_pad_vibratoSynV.nki
05_keys_LoFi Organ.nki	44_pad_lush story.nki
11_plucks_Lady Bite Delay.nki	45_pad_transparent fizz.nki
12_plucks_Nordic Clouds.nki	46_pad_thin noise blade.nki
13_plucks_DistoHero.nki	51_multi_blurry ToyPiano.nkm
14_plucks_harp waterfall.nki	52_multi_steelPan raw.nkm
15_plucks_casioPop.nki	53_multi_tight Thai chords.nkm
21_Bass_Algeria.nki	54_multi_WarmRich strings.nkm
22_Bass_ClaviSlap.nki	55_mlt_dust stars keys.nkm
23_Bass_Tight Fuzz.nki	56_mlt_rain drops heart.nkm
24_bass_pinchBass.nki	57_multi_LiebePlucks.nkm
31_lead_MonoSudani.nki	58_mlt_fx emergency.nkm
32_lead_ThereminoWhistle.nki	

Use the preset **00_CASIO SA-21 init** to access and play all raw voices. This preset offers the most realistic reproduction of the original keyboard sound.

KEYBOARD MAPPING



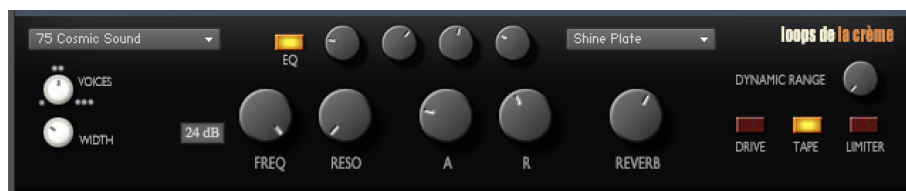
The blue keys (F1 to C4) represent the original playing range of the instrument. For practical reasons, this playing range was extended (pitch-stretched) over 6 octaves, from G-1 to G5 (white keys).

NB: the four voices 96 to 99 are split combinations of sounds, just like on the original keyboard.

All drum kits (voices 100, 101 and 102) start at F1, and loosely follow a GM drum mapping: you'll find kicks on C2, C3 and C4, Snares on D2, D3, D4, Hi-Hats on F#2, F#3, etc...

The voice 103 offers the 13 original accompaniments (beats, bass and melodies) from the keyboard, mapped between C2 and C3. These accompaniments are looped and tempo-synced.

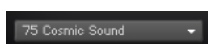
USER INTERFACE and CONTROLS



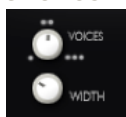
Here are the main controls:

VOICE SELECTOR

This voice menu lets you choose one of the 100 original voices. Click on the voice name and choose the voice. See below for a full list of voices.

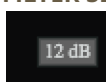


CHORUS



These controls let you double or triple the number of voices simultaneously played: using 2 or 3 voices will create a subtle chorus effect. The top knob lets you choose between 1, 2, or 3 voices, and the WIDTH knob controls the stereo width of the additional voices.

FILTER SELECTOR



Click on this switch to select between a transparent 12dB/oct low-pass filter, or a characterful 24dB/oct low-pass filter.

FILTER CONTROLS



Use these controls to change the frequency of the filter and control the resonance.

EQUALISER



Use the switch to activate an equaliser. Use the knobs to boost or cut 4 frequencies (Bass, low-mids, high-mids, treble)

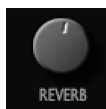
ATTACK and RELEASE



Use this knobs to shape the attack (A) and release (R) of the voices.

REVERB SELECTOR

Click on this menu to choose one of 23 custom Impulse Responses.

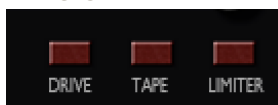
REVERB AMOUNT

Use this knob to control the amount of reverb. At minimum value, no reverb is added to the voice.

DYNAMIC RANGE

Use this knob to control the dynamic range of the voices: at minimum value, all notes will be played at a fixed velocity, reproducing the original behaviour of the keyboard.

Increase the value to enjoy more dynamic range: all notes that are played harder will be louder.

EFFECTS

Use these three switches to activate the effects:

DRIVE: soft overdrive with a warm sound

TAPE: a tape emulation, with smooth transients and slight saturation

LIM: a transparent limiter to prevent overloading Kontakt's audio output

!!NB: you can assign your Mod Wheel or any hardware controller to any of the user interface knobs: simply right-click on the knob you wish to control, click '*Learn MIDI CC# Automation*', and physically move your MW or your controller. To undo this, right-click on the interface knob, and click '*Remove midi automation*'

ORIGINAL VOICES

All 100 voices of the CASIO SA-21 have been multi-sampled and can be accessed from the VOICE menu. Three additional drum kits (#100 raw, #101 amped, and #102 processed) and an extra voice with accompaniment loops (#103) are also included.

00 Piano	25 Ocarina	50 Synth-Piano	75 Cosmic Sound
01 Elec. Piano	26 Bagpipe	51 Synth-Celesta	76 Telephone
02 Honky-Tonk Piano	27 Harmonica	52 Synth-Clavi	77 Car Horn
03 Harpsichord	28 Chorus	53 Synth-Accordion	78 Computer Sound
04 Jazz Organ	29 Brass-Strings	54 Synth-Brass	79 Typewriter
05 Elec. Organ	30 Strings	55 Synth-Reed	80 Vibraphone
06 Pipe Organ	31 Warm Strings	56 Synth Lead	81 Marimba
07 Church Organ	32 Violin	57 Synth-Strings	82 Church Bells
08 Street Organ	33 Violin-Piano	58 Synth-Guitar	83 Bells
09 Accordion	34 Cello	59 Synth-Bass	84 Gamelan
10 Brass Ens.	35 Elec. Guitar	60 Glass Harmonica	85 Afro Percussion
11 Warm Brass	36 Jazz Guitar	61 Fantasy	86 Ethnic Percussion
12 Trumpet	37 Mute Guitar	62 Waw Voice	87 Sample Percussion
13 Tuba	38 Metal Guitar	63 Twinkle Echo	88 Matsuri
14 Brass Hit	39 Slap Bass	64 Metal Lead	89 Wadaiko
15 Wind Ens	40 Elec. Bass	65 Cathedral	90 Triangle
16 English horn	41 Wood Bass	66 Cosmic Dance	91 Conga/Agogo
17 Oboe	42 Snare Bass	67 Plunk Extend	92 Cowbell/Clave
18 Basson	43 Ukelele	68 Pop Lead	93 Tom
19 Clarinet	44 Banjo	69 Pearl Drop	94 Rock Drum
20 Samba Whistle	45 Sitar	70 Airplane	95 Swing Drum
21 Whistle	46 Mandolin	71 Ambulance	96 Bass/Piano
22 Quena	47 Harp	72 Insect	97 Bass/Trumpet
23 Flute	48 Taishokoto	73 Emergency Alarm	98 Piano/Flute
24 Flute-Vib	49 Shamisen	74 Laser Beam	99 Strings/Oboe

SAMPLES

The library features 1131 samples in mono or stereo WAV format (48kHz, 24 bit)

The samples can be accessed in the library 'SAMPLES' folder, and are organised in 3 sub-folders (voices, loops, drums)

ABOUT THE CASIO SA-21

The Casio SA-21 is a small LoFi keyboard that Casio started producing in the 90s. It features 100 PCM voices, with lots of noise, grit and aliasing: this is not your typical studio synth!!



However, because of the charm and character of the sounds, the SA-21 can add something unique to any productions. I personally used this keyboard for many productions, often mixing plucks, keys and pads with acoustic recordings, like in this album produced in 2007:

[LES SESSIONS ACCOUSTIQUES | julien tauban](#)



Over the years, the small keyboard has become less and less reliable, and this is why I created a complete version as a Kontakt library :)

I hope you'll enjoy these sounds as much as I do ;-)

UPDATES

The included patches are early versions of the software. They were thoroughly checked and tested before release. If you still find bugs or inconsistent behaviour, please report to office@julientauban.com

Also, don't hesitate to send me ideas or requests for future updates. You will be informed via email (from office@julientauban.com) about future updates and add-ons.

CREDITS

Concept, sampling, editing, mixing, programming and graphics by Julien Tauban.

Thanks a lot for reading, I wish you lots of inspiration and fun with CASIO SA-21 LEGACY!

Best regards,

Julien Tauban

www.loopsdelacreme.com

www.julientauban.com

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