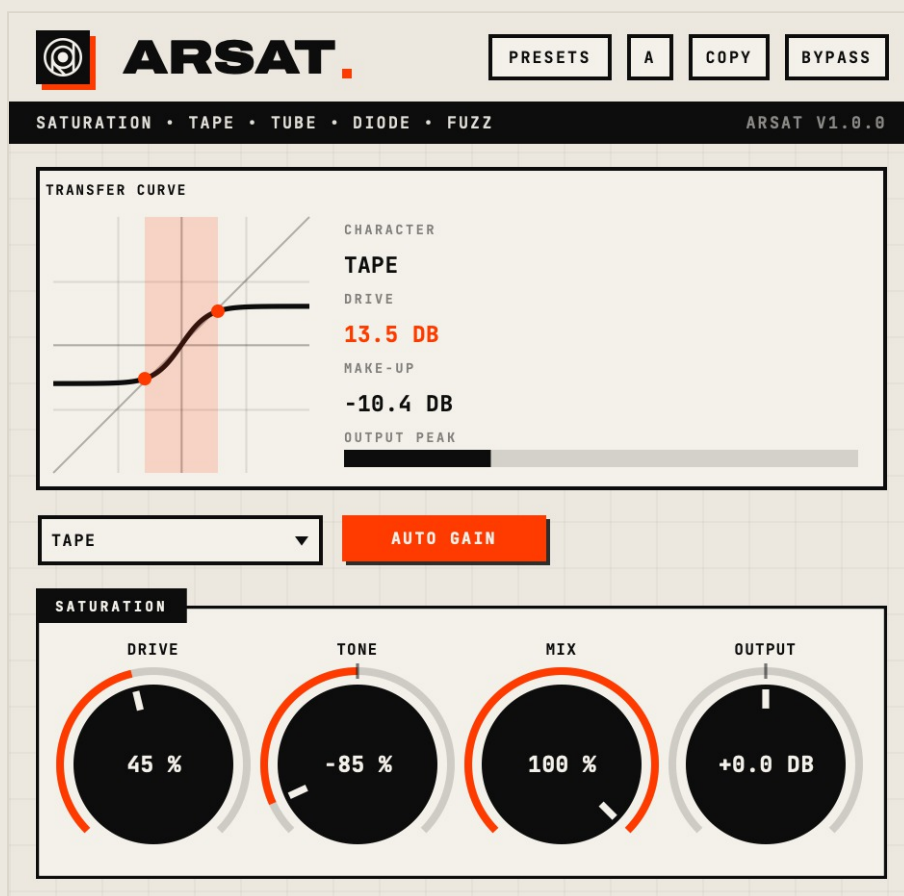


ARSAT

SATURATION



01 WHAT IT DOES

ARSAT adds harmonics with four different transfer curves, each with its own character. The whole non-linear stage runs at 8× oversampling with an equiripple FIR filter, so the harmonics it creates stay below Nyquist instead of folding back as aliasing. The dry path is delay-compensated, which means MIX stays phase-correct at every setting.

02 INSTALLING

macOS

Run **ARSAT Installer.pkg** and follow the steps. You can choose which formats to install, and whether to install for every user or only for yourself. The package is not notarised by Apple yet, so the first time you open it macOS may refuse: right-click the installer, choose **Open**, then confirm. This is only needed once.

Windows

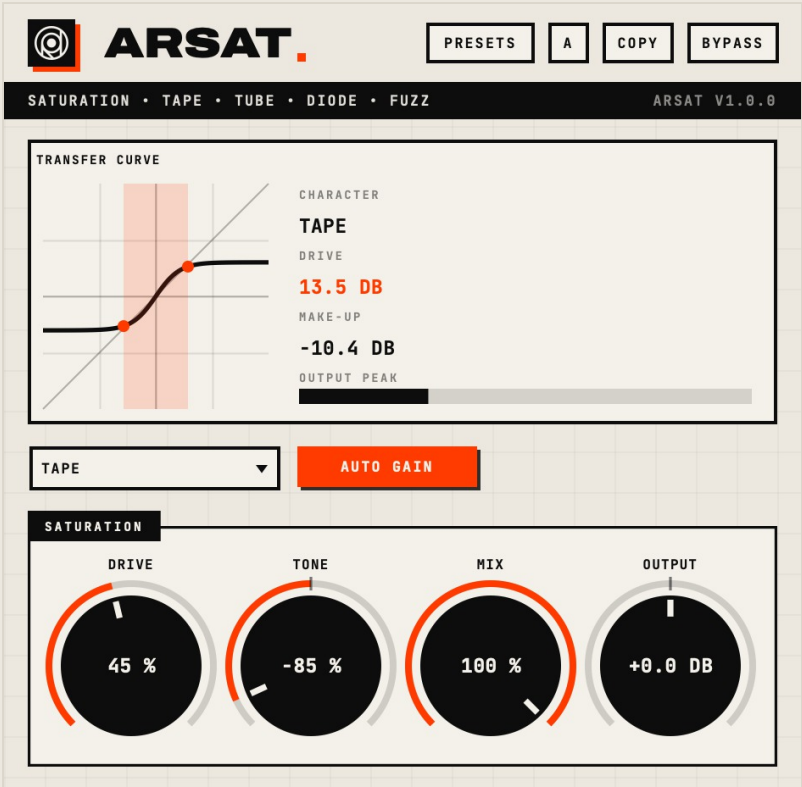
Run **ARSAT Installer.exe** and follow the steps. The plugin is placed in the shared VST3 folder. The installer is not code-signed yet, so SmartScreen may warn you: click **More info**, then **Run anyway**. This is only needed once.

After installing

Rescan the plugin list in your DAW. ARSAT appears under **Ajanss Records > ARSAT**.

Requirements – macOS 10.13 or newer, Intel or Apple Silicon (universal binary). Windows 10 or newer, 64-bit. Formats: Audio Unit and VST3 on macOS, VST3 on Windows.

03 THE INTERFACE



TRANSFER CURVE	The active curve, with the current input level marked on it. The shaded band shows how far the signal is travelling along the curve.
READOUTS	Character, drive in dB, the make-up gain auto gain has applied, and the output peak.
CHARACTER / AUTO GAIN	Curve selection and level matching.
SATURATION	Drive, tone, blend and output.

04 PARAMETERS

CONTROL	RANGE	DEFAULT	WHAT IT DOES
DRIVE	0 ... 100 %	25 %	How hard the signal is pushed into the curve. The readout shows the equivalent gain in dB.
CHARACTER	TAPE / TUBE / DIODE / FUZZ	TAPE	TAPE is symmetrical and soft. TUBE is asymmetrical and adds even harmonics. DIODE has a hard knee. FUZZ is aggressive and heavily clipped.
TONE	-100 ... +100	0	Tilts the spectrum before saturation, so it changes which frequencies get driven hardest, not just the sound afterwards.
MIX	0 ... 100 %	100 %	Blends the saturated signal with the dry one. The dry path is delay-aligned.
OUTPUT	-24.0 ... +24.0 dB	0.0 dB	Final level.
AUTO GAIN	on / off	on	Compensates the level that drive adds, so you can judge the colour instead of the loudness.
BYPASS	on / off	off	Passes the input through untouched.

05 PRESETS

Open the browser with **PRESETS**. It has two categories: **FACTORY**, which ships with the plugin, and **USER**, which is yours. Click a preset to load it, or browse with the keyboard.

↑ ↓	Move through the list. The highlighted preset loads as you go, so you can audition the whole bank without clicking.
← →	Switch between FACTORY and USER.
ESC	Close the browser.
SAVE	Type a name in the field and press SAVE to store the current settings as a user preset.
RENAME • DELETE	Act on the selected user preset. Factory presets cannot be changed or removed.

Factory bank — 15 presets

CLEAN	PARALLEL GRIT
TAPE GLUE	DIODE EDGE
TAPE PUSH	BROKEN AMP
TUBE WARMTH	FUZZ LEAD
TUBE DRIVE	LO-FI CRUSH
VOCAL COLOUR	MASTER SHEEN
BASS THICKEN	MIX GLUE
DRUM CRUNCH	

06 STARTING POINTS

Rough settings to work from, not destinations. Every one of them assumes you will move it once you hear the source.

Glue a bus

TAPE, DRIVE 20 %, MIX 100 %, AUTO GAIN on.

Thicken a bass

TUBE, DRIVE 40 %, TONE -30.

Parallel grit on drums

DIODE, DRIVE 70 %, MIX 30 %.

Destroy it

FUZZ, DRIVE 85 %, TONE +40.

07 SUPPORT

For questions, bug reports and feature requests, please reach us on Instagram at [@ajanssrecords](#). Please include your operating system, your DAW and its version, the plugin format you are using, and the plugin version shown in the top right of the window.

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