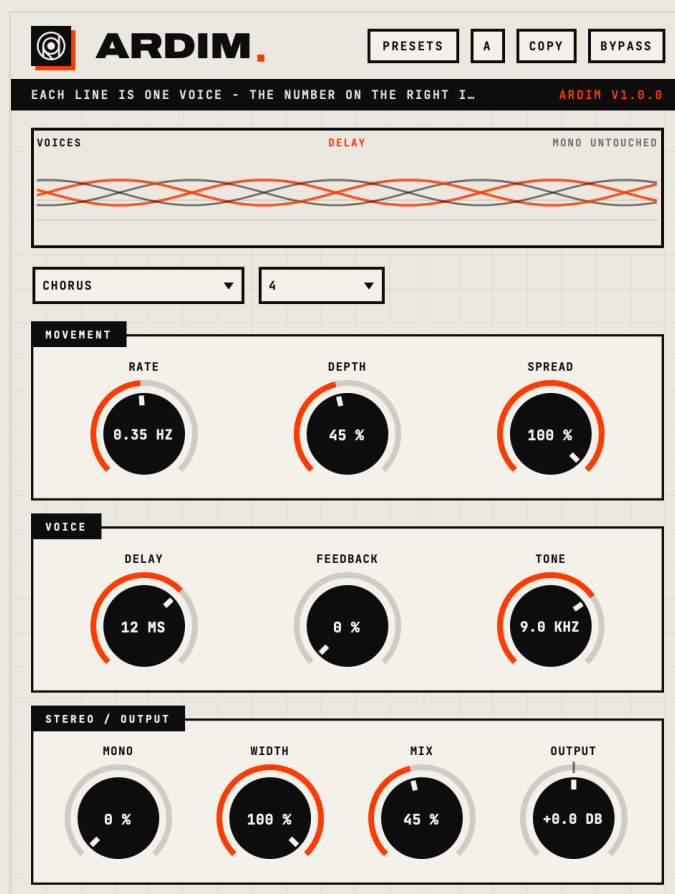


ARDIM

CHORUS / DIMENSION



01 WHAT IT DOES

A chorus that cannot damage your mono sum. The effect is written into the side of the stereo field, so summing to mono removes it completely rather than folding it back as comb filtering – with MONO at zero the mono sum is the input, measured at -149 dB of residual, not claimed. The dry signal is never turned down either: MIX adds the effect on top, so at MIX zero the output is bit-identical to what went in. Four characters, up to six voices, and cubic interpolation so the top end survives while the voices move. At MIX one hundred the effect sits 0.1 dB from the dry signal - it is a chorus, not a hint of one.

02 INSTALLING

macOS

Run **ARDIM 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

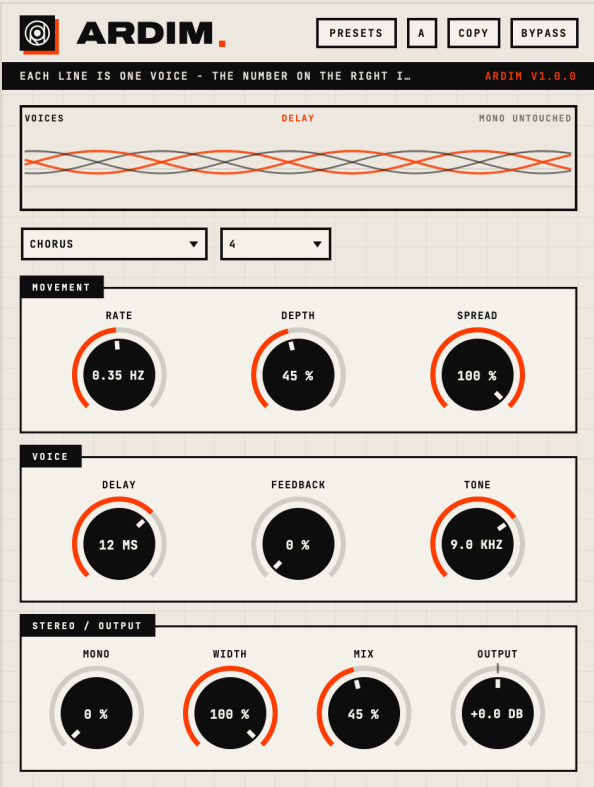
Run **ARDIM Installer.exe** and follow the steps. The plugin is placed in the shared VST3 folder. The installer is not code-signed yet, so SmartScreen may warn you: click **More info**, then **Run anyway**. This is only needed once.

After installing

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

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



VOICES	Each line is one voice and its delay over time. Orange voices lean left, grey ones lean right, so you can see the stereo spread as well as the movement. The scale follows the delay you set.
MONO READOUT	The figure on the right is the measured level difference between the mono sum and the dry signal. It reads UNTOUCHED while that difference stays under a twentieth of a decibel.
MODE	CHORUS is the classic. ENSEMBLE is faster and shallower across more voices. FLANGER shortens the delay and switches FEEDBACK on. DOUBLE moves slowly at a long delay – a second take rather than a shimmer.
VOICES MENU	Two, four or six. More voices thicken the sound; they do not widen it. Width is a separate control.

04 PARAMETERS

CONTROL	RANGE	DEFAULT	WHAT IT DOES
RATE	0.02 ... 8 Hz	0.45 Hz	How fast the voices move. Under a quarter of a hertz reads as drift; above two it starts to sound like vibrato.
DEPTH	0 ... 100 %	45 %	How far they move, as a proportion of the base delay. Scaling it to the delay rather than to a fixed number of milliseconds is what keeps a one millisecond flange from running out of room and a thirty millisecond double from sounding static.
SPREAD	0 ... 100 %	100 %	How far apart the voices sit in the modulation cycle. At zero they all move together, which is one thick voice; at full they are evenly distributed.
DELAY	0.5 ... 45 ms	12 ms	The base delay, and the single biggest character control. Around one to three milliseconds is a flange, eight to twenty is a chorus, twenty-five and above reads as a second take.
FEEDBACK	0 ... 100 %	0 %	Resonance. It only does anything in FLANGER mode – measured at exactly 0.0000 dB of change in the other three. In FLANGER at eighty percent it adds 3.0 dB to the effect signal. The feedback is taken from a single delay line rather than the blend of voices; taking it from the blend smears the comb and the resonance never builds.
TONE	1 ... 20 kHz	9 kHz	Rolls the top off the effect. The dry signal is never filtered, so this darkens the movement without dulling the source.
MONO	0 ... 100 %	0 %	How much of the effect survives the mono sum. At zero the mono sum is the input and nothing else. Raise it if you want the movement to be heard in mono too and accept the comb filtering that comes with it.
WIDTH	0 ... 100 %	100 %	How far the voices are pushed apart in the stereo field. At full, correlation on a mono source measured 1.000 before and 0.891 after – while the mono sum stayed untouched at -158 dB.
MIX	0 ... 100 %	50 %	How much effect is added. This is not a crossfade: the dry path stays at unity gain whatever you do, which is what makes the two guarantees above exact.
OUTPUT	-24 ... +24 dB	0 dB	Final level trim.

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

DIMENSION	JET FLANGE
WIDE PAD	KEYS SHIMMER
SUBTLE GLUE	BASS SAFE
LUSH ENSEMBLE	DRUM ROOM WIDEN
VOCAL DOUBLE	BROADCAST SAFE
TIGHT DOUBLE	MONO SHARE
GUITAR CHORUS	SEASICK
SLOW FLANGE	

06 STARTING POINTS

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

Start with MONO at zero

That is the setting the plugin was built around. Everything you hear in stereo is free – the mono sum does not change at all. Only raise MONO if you have listened in mono and decided you want the movement there.

Wide without losing the low end

Set TONE around 4 kHz and DELAY short. The effect then lives in the top of the spectrum and the bass stays exactly where it was.

A double, not a chorus

DOUBLE mode with DELAY around 25 to 30 ms and DEPTH under 20 %. Any more movement and it stops sounding like a second performance.

The flange is thin

Shorten DELAY to about 1.5 ms and raise FEEDBACK. Feedback below about forty percent barely resonates; the character starts around sixty.

Too much of everything

Turn SPREAD down before turning DEPTH down. Voices moving together sound thicker and calmer than voices moving apart at half the depth.

On a bus, not just a track

Because the mono sum is untouched, this is safe on a group or even a mix bus. Keep MIX under about thirty percent there.

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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