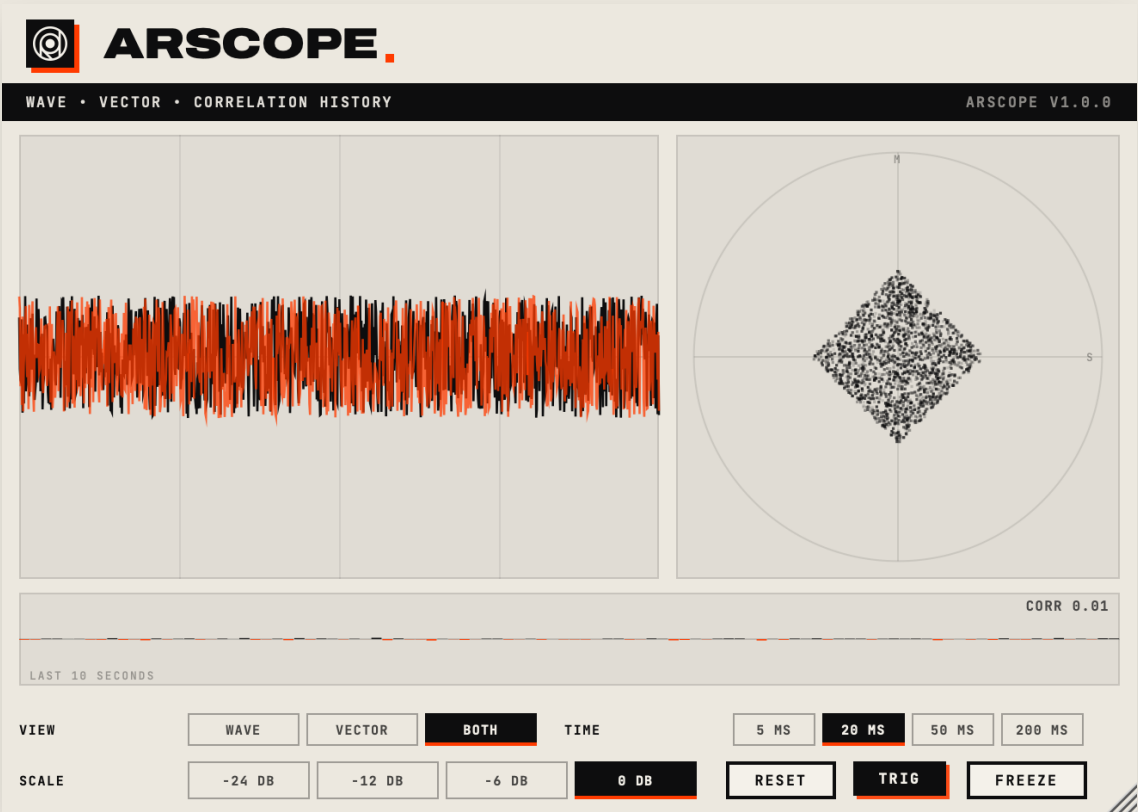


ARSCOPE

OSCILLOSCOPE AND VECTOR



VERSION

1.0.0

FORMATS

AU • VST3

PLATFORMS

macOS • WINDOWS

DOCUMENT

USER GUIDE

01 WHAT IT DOES

Three pictures of the same audio, each answering a different question. The oscilloscope shows what is playing, locked to a rising zero crossing so a steady tone stands still instead of sliding across the screen. The goniometer shows the shape of the stereo image: a vertical line is mono, a horizontal line is inverted phase, a round cloud is wide. The history strip shows the last ten seconds of correlation, because a single number cannot answer "does it ever drop below zero".

It shows; it does not process. The output is bit-for-bit identical to the input – exactly 0.000, measured on every build. Zero latency.

02 INSTALLING

macOS

Run ARSCOPE Installer.pkg. Signed and notarised by Apple, so it opens normally.

Windows

Run ARSCOPE Installer.exe. The plugin goes to the shared VST3 folder. SmartScreen may warn you once: More info, then Run anyway.

After installing

Rescan the plugin list in your DAW. Requirements – macOS 10.13 or newer, Intel or Apple Silicon. Windows 10 or newer, 64-bit.

03 PARAMETERS

CONTROL	RANGE	DEFAULT	WHAT IT DOES
VIEW	WAVE / VECTOR / BOTH	BOTH	Which pictures are shown. In BOTH the goniometer is kept square, because a squashed one cannot tell wide from inverted.
TIME	5 / 20 / 50 / 200 ms	20 ms	How much time the wave window covers. 5 ms shows a single cycle of a low note; 200 ms shows a whole drum hit.
SCALE	-24 / -12 / -6 / 0 dB	0 dB	Vertical zoom. Magnifies quiet material without touching the audio.
TRIG	on / off	on	Locks the window to a rising zero crossing. With it on a steady tone stands still; with it off the same tone slides.
FREEZE	on / off	off	Stops writing. The picture stays exactly as it was, even if the music keeps playing or stops.

04 MEASURED

PASSTHROUGH

0.000

Largest sample difference over 300 blocks of noise. Exactly zero.

TRIGGER

0.013 / 0.951

Difference between two windows of a steady 200 Hz tone taken a fraction of a period apart: 0.013 with TRIG on, 0.951 with it off. The picture really does stand still.

GONIOMETER

0.000

Horizontal spread of a mono signal, and vertical spread of an inverted one. Both exactly zero: mono draws a vertical line, inverted phase a horizontal one.

CORRELATION

+1.000 / -1.000

FREEZE

0.000

Change in the picture while silence is fed for 0.6 seconds with FREEZE on.

LATENCY

0 samples

PROCESSOR

0.02 %

05 SUPPORT

Questions and bug reports: Instagram @ajanssrecords. Please include your operating system, your DAW and its version, the plugin format, and the version shown in the top right.

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