

AJANSS RECORDS

AREQ

24 BAND PARAMETRIC EQ



VERSION

1.2.4

FORMATS

AU • VST3

PLATFORMS

macOS • WINDOWS

DOCUMENT

USER GUIDE

01 WHAT IT DOES

AREQ is a 24-band parametric equalizer with eight filter shapes, cuts up to 96 dB per octave, per-band mid/side and left/right placement, a dynamic mode on every band, and an optional resonance suppressor that finds and holds down ringing frequencies on its own. It runs at zero latency by default, or in linear phase when phase accuracy matters more than latency.

02 INSTALLING

macOS

Run **AREQ 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

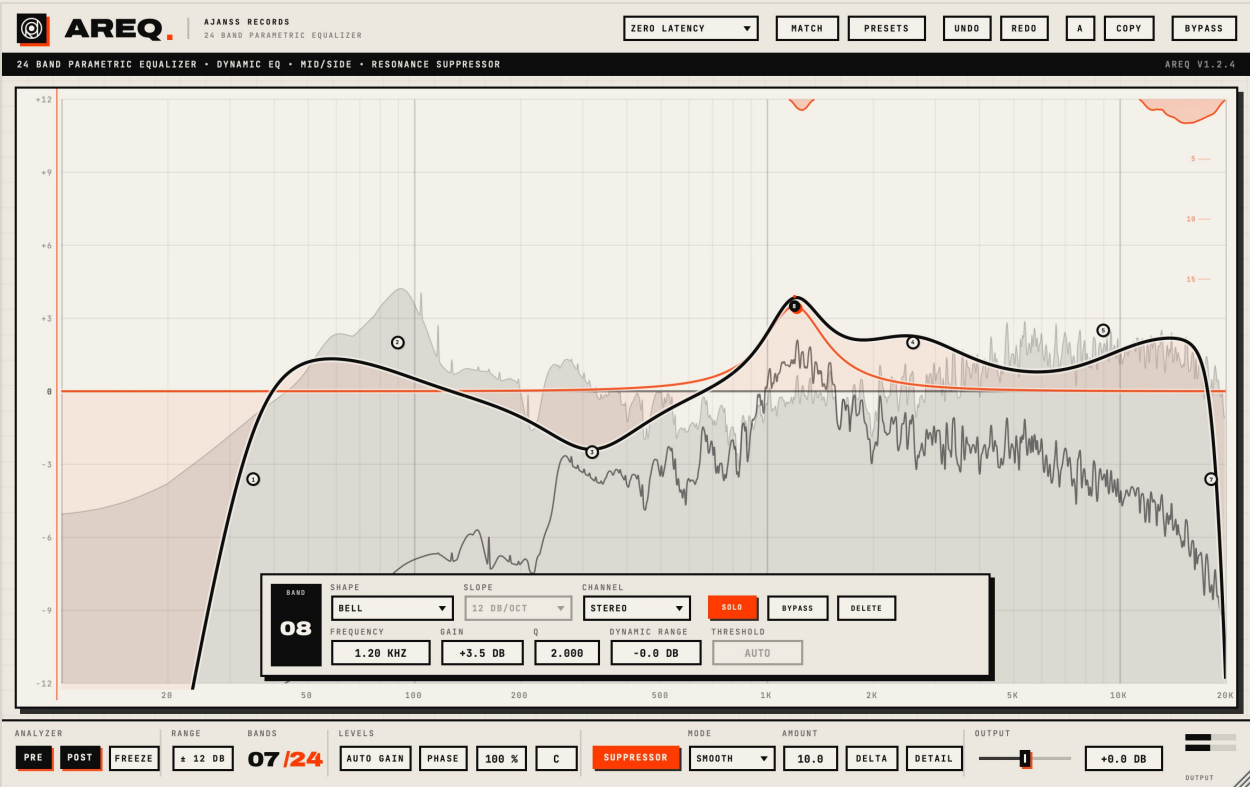
Run **AREQ Installer.exe** and follow the steps. The plugin is placed in the shared VST3 folder. The installer is not code-signed yet, so SmartScreen may warn you: click **More info**, then **Run anyway**. This is only needed once.

After installing

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

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



ANALYSER AND CURVE	The spectrum behind, your curve in front. Double-click empty space to add a band, drag a node to move it, and use the scroll wheel over a node to change its Q.
BAND NODES	Numbered handles. Right-click one for its full panel – shape, slope, placement, dynamics and solo.
ANALYSER	PRE, POST and FREEZE change what the spectrum shows.
SUPPRESSOR	Automatic resonance control, with DELTA to hear only what it is removing.
OUTPUT	Level, pan and the output meter.

04 PARAMETERS

CONTROL	RANGE	DEFAULT	WHAT IT DOES
FREQUENCY	10 Hz ... 30.0 kHz	1.00 kHz	Band centre or corner frequency. Logarithmic.
GAIN	-30.0 ... +30.0 dB	0.0 dB	Applies to bell, shelf and tilt shapes.
Q	0.025 ... 40.000	1.000	Bandwidth. Very high values give the narrow notches you need for resonances.
SHAPE	BELL / LOW SHELF / HIGH SHELF / LOW CUT / HIGH CUT / NOTCH / BAND PASS / TILT SHELF	BELL	Filter type for this band.
SLOPE	6 ... 96 dB/oct	12 dB/oct	For LOW CUT and HIGH CUT only. Nine steps: 6, 12, 18, 24, 30, 36, 48, 72 and 96 dB per octave.
PLACEMENT	STEREO / LEFT / RIGHT / MID / SIDE	STEREO	Where the band acts. MID and SIDE let you treat the centre and the sides separately.
DYNAMIC RANGE	-30.0 ... +30.0 dB	0.0 dB	Turns the band dynamic. Negative pulls the band down when the threshold is passed, positive pushes it up.
THRESHOLD	-80.0 dB ... AUTO	AUTO	Where the dynamic band starts working. AUTO follows the programme level.
PROCESSING MODE	ZERO LATENCY / LINEAR PHASE	ZERO LATENCY	Linear phase removes phase shift at the cost of latency, which the host is told about.
OUTPUT GAIN	-36.0 ... +36.0 dB	0.0 dB	Final level.
OUTPUT PAN	L 100 ... C ... R 100	C	Output pan.

04 PARAMETERS CONTINUED

CONTROL	RANGE	DEFAULT	WHAT IT DOES
AUTO GAIN	on / off	off	Compensates the level your curve adds or removes.
GAIN SCALE	25 ... 100 %	100 %	Scales every band gain at once. A quick way to make a whole curve gentler.
PHASE INVERT	on / off	off	Inverts output polarity.
SUPPRESSOR	on / off	off	Finds ringing frequencies and holds them down as they appear.
SUPPRESSOR MODE	SMOOTH / STRICT	SMOOTH	SMOOTH acts gently and musically, STRICT clamps harder.
AMOUNT	0.0 ... 10.0	4.0	How far resonances are pulled down.
FOCUS	0.0 ... 10.0	5.0	How narrow each correction is.
TOLERANCE	0.0 ... 10.0	5.0	How much a peak has to stand out before it counts as a resonance.
ATTACK	0.5 ... 20.0 ms	3.0 ms	How fast the suppressor reacts.
LOW / MID / HIGH AMOUNT	0.0 ... 10.0	4.0 / 10.0 / 10.0	Per-range weighting, so you can leave the low end alone.
CROSSOVERS	40 Hz ... 1.00 kHz · 1.00 ... 12.0 kHz	200 Hz · 4.00 kHz	Where those three ranges meet.
DELTA	on / off	off	Hear only what the suppressor is removing. The fastest way to check it is working on the right thing.
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 — 24 presets

LEAD VOCAL CLARITY

VOCAL DE-ESSER

VOCAL AIR

VOCAL WARMTH

PODCAST VOICE

KICK PUNCH

SNARE CRACK

HI-HAT CONTROL

DRUM BUS CONTROL

ROOM MIC GLUE

BASS FOUNDATION

BASS MUD CONTROL

ACOUSTIC GUITAR SPARKLE

ELECTRIC GUITAR BODY

PIANO PRESENCE

SYNTH LEAD FOCUS

PAD SPACE

MASTER GENTLE LIFT

MASTER LOW END CONTROL

CLUB MASTER

SIDE BRIGHTNESS

TELEPHONE EFFECT

RUMBLE CONTROL

HARSHNESS TAMER

06 STARTING POINTS

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

Clean up a vocal

LOW CUT at 90 Hz with a 24 dB/oct slope, a narrow cut where it rings, SUPPRESSOR on at AMOUNT 4.

Widen without losing the centre

A HIGH SHELF at 8 kHz, +2 dB, PLACEMENT SIDE.

Tame a resonant snare

SUPPRESSOR on, STRICT, FOCUS 7, then DELTA to confirm.

Dynamic de-mud

A bell at 250 Hz with DYNAMIC RANGE -6 dB, THRESHOLD AUTO.

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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