

ARMMASTER

MASTERING CHAIN



VERSION

1.0.0

FORMATS

AU • VST3

PLATFORMS

macOS • WINDOWS

DOCUMENT

USER GUIDE

01 WHAT IT DOES

ARMMASTER is a mastering chain, not a bundle. Every module is compiled into the plugin itself – AREQ, ARCOMP, ARTONE, ARSAT and ARWIDTH alongside ARGLUE, which was written for this host – so nothing else needs to be installed. You build the chain yourself: add modules with +, drag the tiles to reorder, mute or solo the difference each one makes. ARLIMIT is the fixed final stage and cannot be moved, which is what lets the true peak ceiling hold no matter what the rest of the chain does.

02 INSTALLING

macOS

Run **ARMMASTER 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 **ARMMASTER 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. ARMASTER appears under **Ajanss Records > ARMASTER**.

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



CHAIN The modules in signal order. Each tile shows what that module is costing you in loudness and in peak-to-short-term ratio. M mutes, D plays only the difference the module makes, X removes it.

MODULE PANEL The selected module's controls, with a curve where there is one to show: transfer curve for the compressors and the saturator, response for the tone module.

ARLIMIT The fixed final stage. Output gain is applied before it, so the ceiling is the last word.

METERS Integrated, short term and momentary LUFS, true peak, range, RMS and PLR, with spectrum and correlation.

04 PARAMETERS

CONTROL	RANGE	DEFAULT	WHAT IT DOES
INPUT	-24.0 ... +24.0 dB	0.0 dB	Level into the chain.
OUTPUT	-24.0 ... +24.0 dB	0.0 dB	Level into the limiter. This is how you drive loudness – the ceiling still holds.
CEILING	-6.0 ... 0.0 dBTP	-1.0 dBTP	True peak ceiling, measured with a sixteen times oversampled detector to the BS.1770 interpolation. Verified against an independent thirty two times measurement at every setting.
RELEASE	20 ... 1000 ms	120 ms	How quickly the limiter lets go.
DITHER	off / 16 TPDF / 16 shaped / 24 TPDF	off	Apply only when you are rendering to a lower bit depth, and only once.
MONITOR	stereo / mono / side / left / right	stereo	Listening checks. They affect what you hear, not what is rendered.
OVERSAMPLING	off / 2× / 4× / 8× / 16× / 32×	off	Runs the non-linear modules at a higher rate so their harmonics stay below Nyquist. The linear modules stay at the base rate on purpose: a filter gains nothing from a higher rate and loses numerical precision at one.
BYPASS	on / off	off	Passes the input through untouched, keeping the reported latency so the comparison stays time aligned.

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 — 0 presets

06 STARTING POINTS

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

Build in order

Glue first, then EQ, then character. Reorder by dragging.

Use D

Delta plays only what a module adds. If you cannot hear it, you do not need it.

Drive from OUTPUT

Push OUTPUT for loudness and let ARLIMIT hold the ceiling.

Oversample late

Turn it up only when the saturator or compressors are working hard; it costs latency.

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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