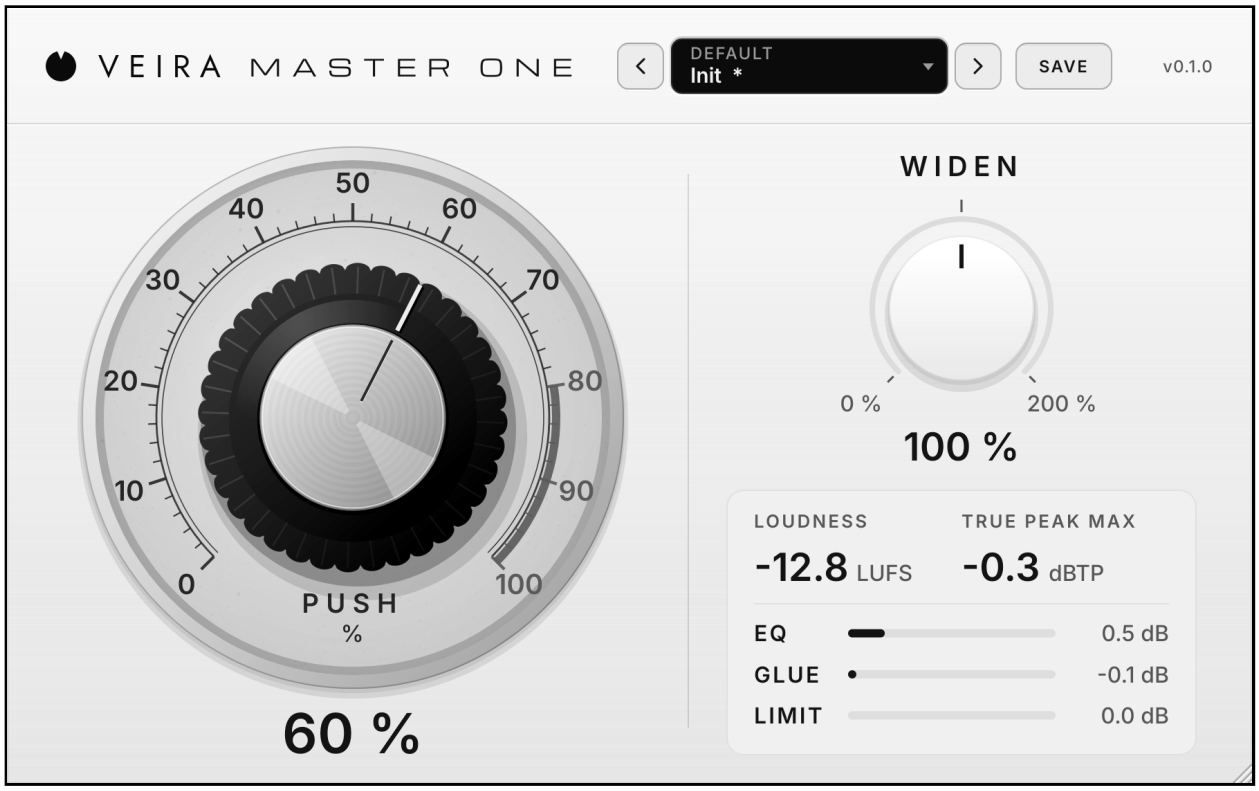
VEIRA

TWO-CONTROL MASTERING

VEIRA Master One

User Manual

Mastering with two controls. PUSH sets how firm and how loud the master is, WIDEN how wide; a tonal balance, glue, density and a true-peak limiter listen to the song and do the rest.



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Welcome

Thank you for choosing **VEIRA Master One**. It masters a song with two controls. **PUSH** sets how firm and how loud the master is; **WIDEN** sets how wide it is. Everything else, a tonal balance, glue, density and a true-peak limiter, listens to the song as it plays and adjusts itself.

It is made for musicians and producers who want a finished, great-sounding master quickly, without learning a mastering chain: for a release, a demo, a playlist or a client preview. Play the song, turn PUSH, and listen.

What makes it different

- **Two controls.** PUSH from gentle to loud, WIDEN from mono to twice as wide. There is nothing else to set.
- **It listens.** The tone, the glue and the level follow the song: they settle after about 6 and 20 seconds, then move slowly, so they follow the music, not its drum hits.
- **A safe ceiling.** The true peak never passes **−0.1 dBTP**, at any PUSH.
- **Mono lows, always.** WIDEN only works above 120 Hz, so the kick and the bass stay solid in the centre on any speaker.
- **The same result every time.** The same song gives the same master, bit for bit, live or bounced, whatever your DAW's buffer size.
- **A clean white face with one vintage piece:** the big PUSH knob.

Which VEIRA mastering plugin?

	VEIRA Master One	VEIRA Master Rack	VEIRA Mastering Suite
Controls	Two: PUSH and WIDEN	Eight units of knobs and switches	Nine modules, every parameter
The chain	Fixed, and it sets itself	Fixed, you set each unit	Any order you choose
Best for	A great master in a minute	A warm, analog-style master, hands on	Precise work and matching a reference

Choose **Master One** when you want the result without the decisions. If you later want to shape each stage yourself, VEIRA Master Rack gives you a vintage rack of units, and VEIRA Mastering Suite a modern console with a reference track to match.

How this manual is organised. *Getting started* installs and activates the plugin. *The panel at a glance* names every part of the window. *How Master One works* explains what happens behind the two knobs. *PUSH*, *WIDEN* and *The status panel* explain the controls and the read-outs. *Presets*, *Recipes*, *Specifications* and *Troubleshooting* close the manual.

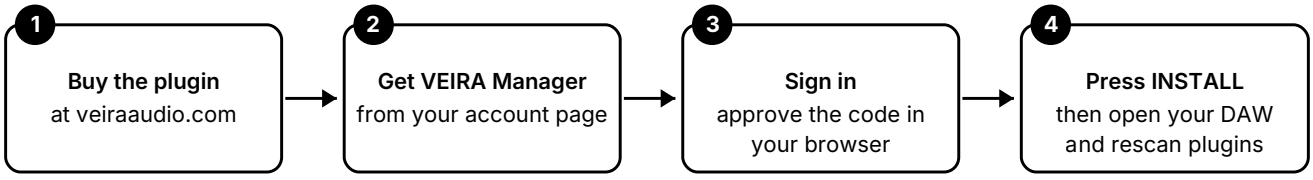
Getting started

What you need

macOS	macOS 11 Big Sur or later. Native on Apple silicon and Intel Macs (universal).
Windows	Windows 10 or 11, 64-bit.
Plugin formats	VST3 (macOS and Windows), Audio Units (macOS), and a standalone app. Pro Tools (AAX) versions arrive once they are signed for Pro Tools.
Hosts	Any DAW that loads VST3 or Audio Units: Logic Pro, Cubase, Nuendo, Ableton Live, Studio One, Reaper, FL Studio, Bitwig and others.
Account	A VEIRA account at veiraaudio.com, and the free **VEIRA Manager** app.
Internet	Needed to install and to refresh the licence. The plugin itself never goes online.

Install with VEIRA Manager

VEIRA plugins are not downloaded from the website one by one. You install them with **VEIRA Manager**, the free VEIRA app that installs, updates and activates everything you own. Its own manual covers it in full; the short version is:



One account works on up to three computers. Updates are free for life.

FIGURE 1 From purchase to first sound in four steps.

1. **Buy** VEIRA Master One at **veiraaudio.com**. It's a one-time purchase: you own it for good, with free updates.
2. **Download VEIRA Manager** from your account page (or veiraaudio.com/manager) and install it.
3. **Sign in.** VEIRA Manager shows a short code and opens your browser; confirm the code there. Your password is never typed into the app.
4. Find VEIRA Master One in the list and press INSTALL. When it says SHOW, it's installed. Open your DAW and let it rescan its plugins.

After installing, VEIRA Master One appears in your DAW under the manufacturer **VEIRA** (in Logic Pro: Audio Units ▸ VEIRA ▸ VEIRA Master One).

Activation and the licence

VEIRA Manager keeps a licence on your computer that the plugins check. It is refreshed every time VEIRA Manager opens and stays valid for 30 days offline, so you can work without internet as long as you open VEIRA Manager now and then.

Without a valid licence, VEIRA Master One still loads and works, but **its sound fades out for 1.5 seconds every 30 seconds**, and a strip along the bottom of its window says why (for example, *NOT ACTIVATED ON THIS COMPUTER. SIGN IN WITH VEIRA MANAGER.*). Clicking the strip opens your account page.

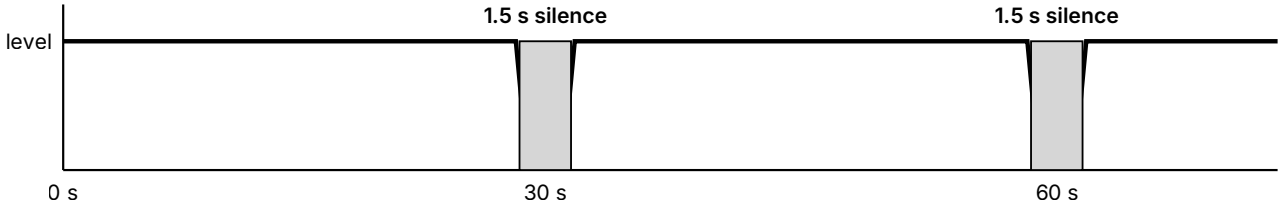


FIGURE 2 What an unlicensed copy does. With a valid licence the audio is never touched.

- **Activating while your DAW is open** takes effect within about two minutes. You don't need to reload the plugin.
- **"Not activated on this computer"**: open VEIRA Manager and sign in.
- **"Expired"**: open VEIRA Manager while online; it renews the licence at once.
- **"Not included"**: the signed-in account doesn't own VEIRA Master One. Check that you're signed in with the account you bought it with.

Formats and where the files go

VEIRA Manager puts every format in the standard place, so you never need to copy files by hand:

Format	macOS	Windows
VST3	`~/Library/Audio/Plug-Ins/VST3` (just for me, the default) or `/Library/Audio/Plug-Ins/VST3` (all users)	`C:\Program Files\Common Files\VST3` (all users, the default) or `%LOCALAPPDATA%\Programs\Common\VST3`
Audio Units	`~/Library/Audio/Plug-Ins/Components` or `/Library/Audio/Plug-Ins/Components`	(Audio Units are macOS only)
Standalone	`~/Applications/VEIRA` or `/Applications/VEIRA`	`C:\Program Files\VEIRA` or `%LOCALAPPDATA%\Programs\VEIRA`

You choose *just for me* or *all users* in VEIRA Manager's install settings.

The standalone app runs VEIRA Master One on its own, with your audio interface's input and output, which is handy for trying presets without a DAW.

The panel at a glance

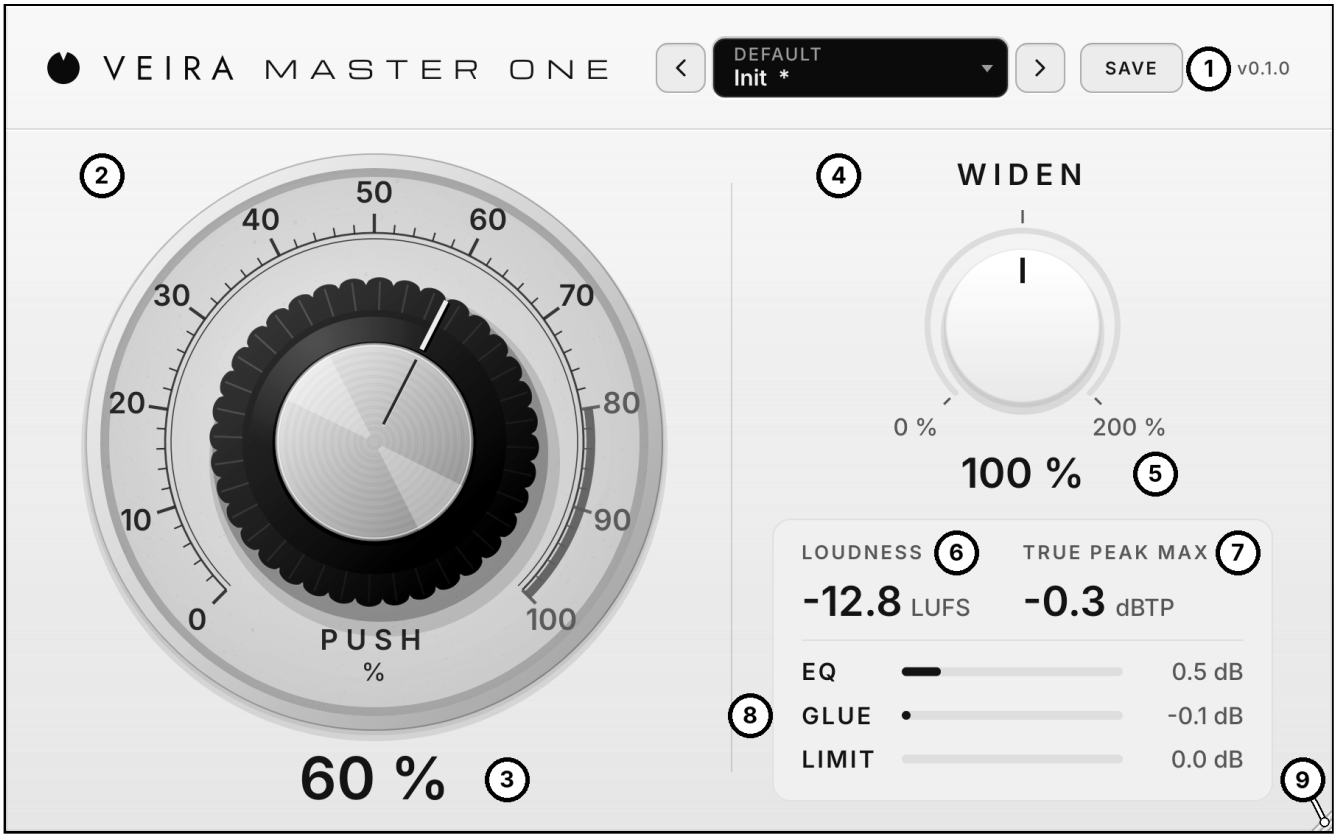
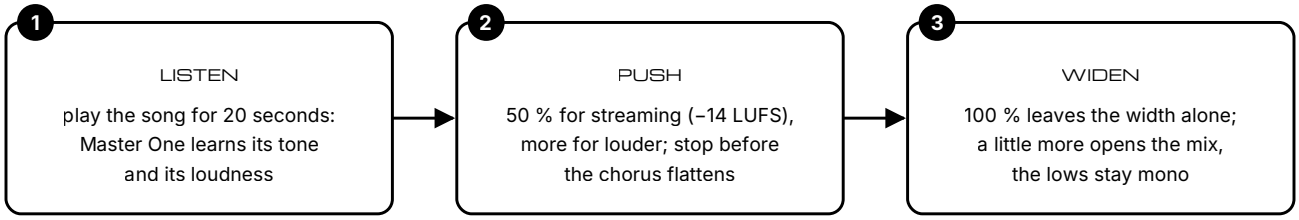


FIGURE 3 VEIRA Master One with PUSH at 60 % and WIDEN at 100 %, on a pop premaster.

	Part	What it does
1	Preset browser	Steps through and saves presets. See *Presets*.
2	PUSH	How firm and how loud the master is, 0 to 100 %.
3	PUSH read-out	PUSH's setting.
4	WIDEN	How wide the master is above 120 Hz, 0 to 200 %.
5	WIDEN read-out	WIDEN's setting.
6	LOUDNESS	The master's integrated loudness, in LUFS.
7	TRUE PEAK MAX	The master's highest true peak, in dBTP.
8	EQ, GLUE, LIMIT	Three quiet bars: what the adaptive EQ, the glue and the limiter are doing.
9	Window corner	Drag to resize the window.

Quick start: a master in three moves



Then read LOUDNESS at the end of the song. The true peak never passes −0.1 dBTP.

FIGURE 4 The quickest way in. Or pick a preset for your genre and loudness: each one sets PUSH and WIDEN for you.

Using the controls

Every VEIRA plugin is played like a piece of hardware. The same few parts appear on every panel:

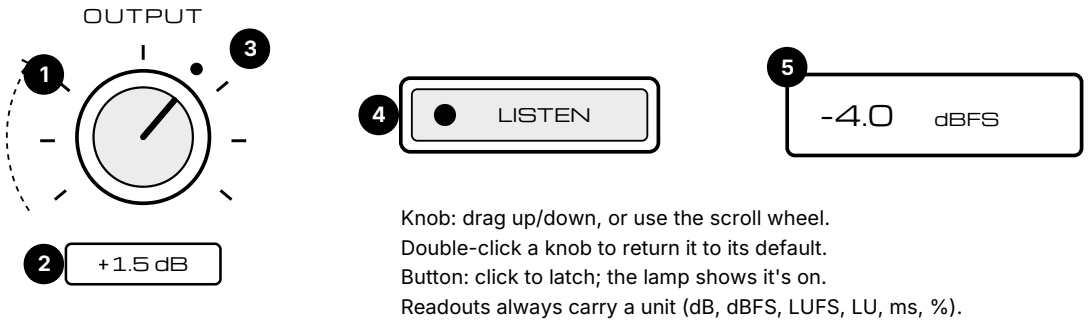


FIGURE 5 The parts you'll find on every VEIRA panel (the labels are examples).

- 1 **Knob.** Drag up to turn it clockwise, down to turn it back, or use your mouse wheel. **Double-click** returns it to its default. The engraved pointer and the small dot on the scale show where it's set.
- 2 **Value window.** The backlit window under each knob shows its exact value with its unit.
- 3 **Silkscreen label.** The control's name, as it appears in your DAW's automation list.
- 4 **Push button.** Click to switch on; the lamp lights and the cap sits lower in its bezel. Click again to switch off.
- 5 **Readout.** Live numbers update ten times a second so you can read them while the meters move. A value over 0 dBFS shows as a warning.

Tooltips: hover over any control or display for a short explanation. On displays, the tooltip depends on where you point.

Automation: every knob and button is a host parameter, so you can automate it in your DAW and control it from a MIDI controller or control surface that your DAW maps.

Units: VEIRA never shows a bare number. **dBFS** is level against digital full scale (0 dBFS is the loudest a digital signal can be); **dB** is a change in gain; **LUFS** is loudness as streaming services and broadcasters measure it; **LU** is a difference in loudness (1 LU = 1 dB).

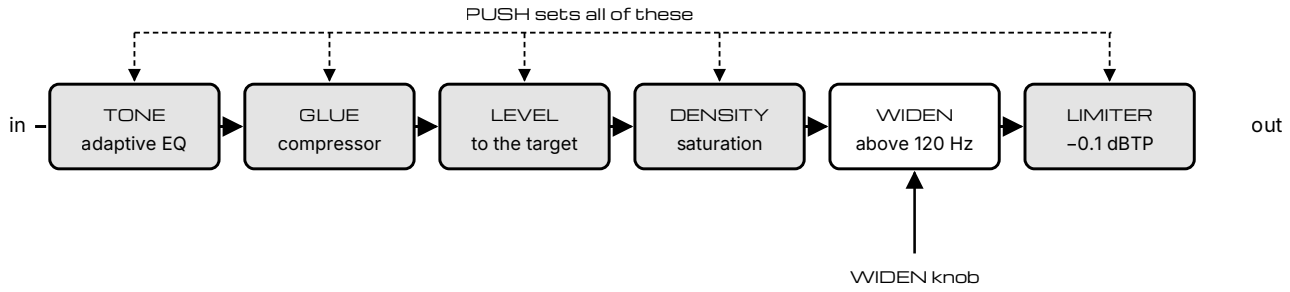
On VEIRA Master One's panel the parts look a little different from the drawing above:

- **Two knobs only.** The big PUSH knob, with its cream dial from 0 to 100 (the last stretch, 80 to 100, printed in red), and the white WIDEN knob, 0 % to 200 %. Their values show in large figures beneath them.
- **Turn them** by dragging up and down or with the mouse wheel. Right-click a knob (Control-click on a Mac) to type a value; double-click it to return to its default (PUSH 50 %, WIDEN 100 %).
- **No buttons and no lamps.** The status panel on the right is the only read-out besides the preset browser; click LOUDNESS or TRUE PEAK MAX to restart them.
- **Resize the window:** drag its bottom-right corner. It scales from 75 % to 200 % of its normal size (900 × 560 points) and keeps its proportions. Your DAW saves the size with the session.

How Master One works

A mastering chain behind two knobs

Mastering takes a finished mix and makes it ready to release: a balanced tone, a little glue, the right loudness, and peaks that never clip. Master One does those steps in a fixed order, and sets each one itself by listening to the song.



Grey: the stages that listen to the song and follow PUSH. WIDEN has its own knob.

FIGURE 6 What happens inside Master One, from left to right. PUSH sets how hard the grey stages work; WIDEN sets the width.

- **TONE** listens to the song's long-term balance in four broad regions, lows, low mids, presence and air, and gently nudges it towards a balanced mastering curve.
- **GLUE** is a linked compressor that follows the song: a dynamic song gets more control, a dense one less.
- **LEVEL** brings the song to the loudness PUSH asks for.
- **DENSITY** adds a soft, slightly asymmetric curve on the peaks, growing with PUSH.
- **WIDEN** sets the width above 120 Hz; the lows stay mono.
- **LIMITER** is VEIRA Max's true-peak limiter, with its ceiling at −0.1 dBTP.

The tone



Four regions are measured over about 6 s; four broad bands move 70 % of the way to a balanced curve, at most ±1 dB at PUSH 0 to ±3 dB at 100 %, and never faster than 0.5 dB a second.

FIGURE 7 What TONE listens to and what it moves.

The adaptive EQ never makes big or sudden moves: at most ±1 dB at PUSH 0 and ±3 dB at PUSH 100 %, and never faster than half a decibel a second. A mix that is already balanced is hardly touched; the EQ bar on the status panel shows its largest move.

It listens first

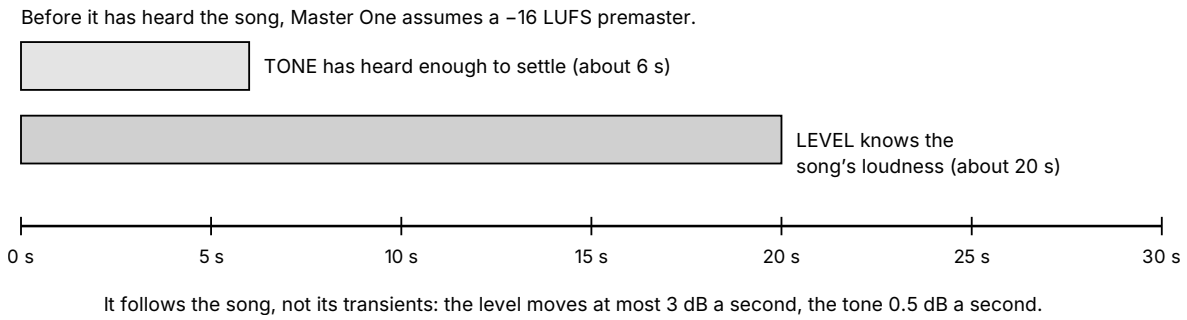


FIGURE 8 The first seconds of a song.

Master One needs to hear the song to know its tone and its loudness. Play from the start, or from a typical section, for about 20 seconds before you judge the level. Until then it assumes a premaster at about −16 LUFS. After that it follows the song slowly, so a quiet verse stays quieter than a loud chorus.

The same result every time. Every decision is made at fixed points in the audio, counted from the start, so the same song always gives the same master, bit for bit, live or in an offline bounce, whatever your DAW's buffer size.

PUSH

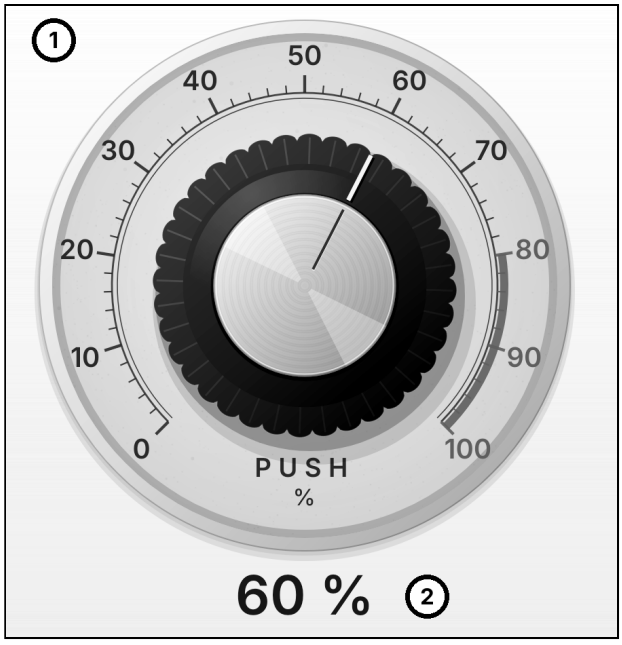


FIGURE 9 1 The PUSH knob: a cream dial from 0 to 100, the loud stretch printed red. 2 Its read-out, 60 %.

Control	Range	Default	What it does
PUSH	0 to 100 %	50 %	How firm and how loud the master is.

PUSH is the one knob that matters most. Turn it up and the master gets louder and firmer, because every stage works a little harder together: the EQ may move further, the glue holds tighter, the density thickens the peaks and the limiter works faster.

How loud?

The table shows roughly where PUSH lands. The exact loudness depends on the music: a dense rock or electronic mix gets louder at the same PUSH than an open acoustic one.

PUSH	About	Good for	Presets near it
0 %	−16 LUFS	The lightest touch, the level barely changed	*Gentle Polish*
25 %	−14.5 LUFS	Quiet, dynamic music: jazz, intimate songs	*Jazz*, *Dynamic Master*
50 %	−14 LUFS	Streaming: nothing gets turned down	*Init*, *Streaming Standard*
60–65 %	−12 LUFS	Ballads, acoustic and classic rock	*Live Session*, *Pop Ballad*, *Classic Rock*
70–75 %	−11 LUFS	Indie, R&B	*Smooth R&B*, *Indie Pop*, *Indie Rock*

PUSH	About	Good for	Presets near it
80–85 %	−10 to −9.5 LUFS	Radio pop, rock	*Boom Bap*, *Radio Pop*
90 %	−8.5 LUFS	Loud rock, hip-hop and electronic music	*Loud And Wide*, *Trap*
100 %	−8 LUFS on dense music	As loud as Master One goes	*Heavy*, *Maximum*

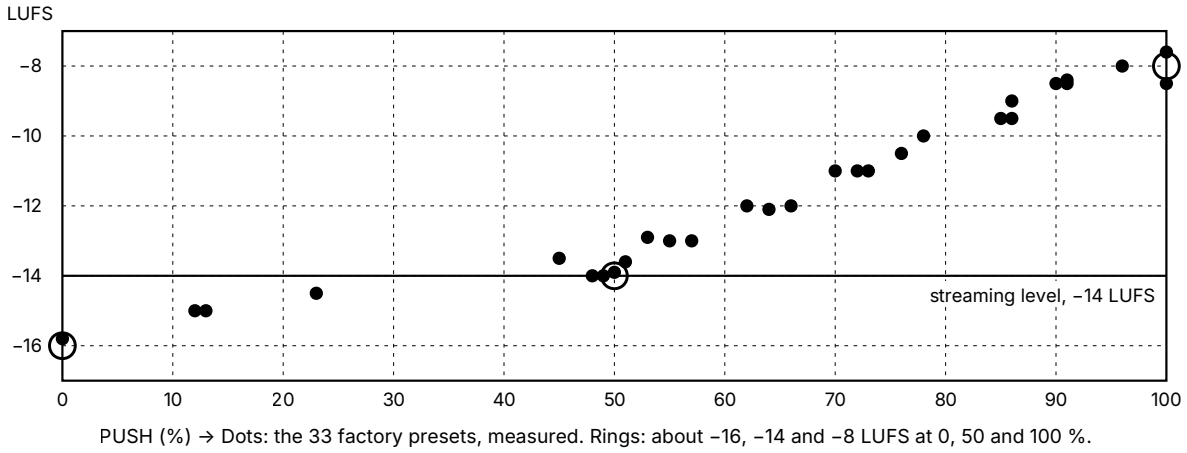


FIGURE 10 PUSH against loudness, from the factory presets' measurements on five genre mixes.

Where to stop. Turn PUSH up while the loudest part of the song plays, and stop before the chorus flattens or the drums lose their snap. The red stretch of the dial, 80 to 100, is for loud genres. The ceiling never moves: at any PUSH the true peak stays under −0.1 dBTP.

What PUSH changes

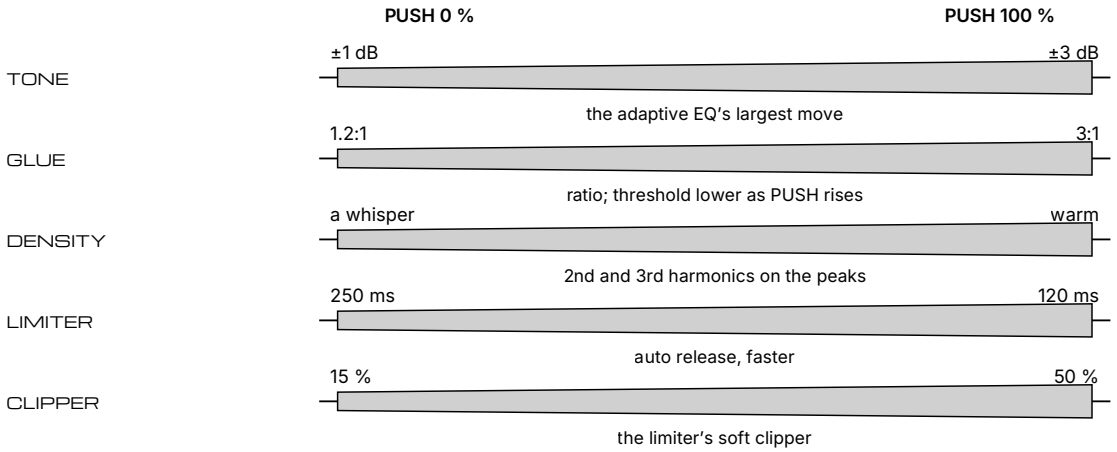


FIGURE 11 Everything PUSH moves, from 0 % to 100 %.



FIGURE 12 PUSH at 0 % on the same song: LOUDNESS −17.0 LUFS and TRUE PEAK MAX −4.7 dBTP, the glue and the limiter idle, the EQ making a 0.5 dB move.

WIDEN

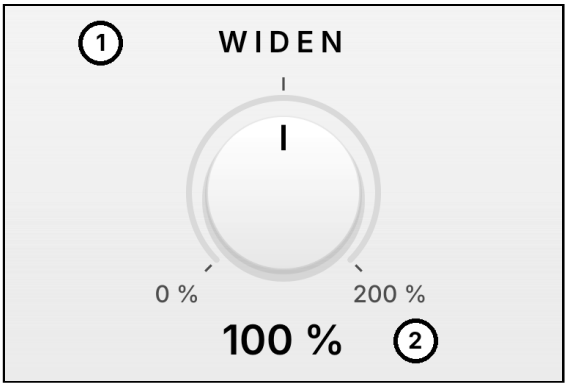


FIGURE 13 1 The WIDEN knob, from 0 % to 200 %, and 2 its read-out, 100 %.

Control	Range	Default	What it does
WIDEN	0 to 200 %	100 %	The width above 120 Hz.

WIDEN sets how wide the master is. It works on the side signal, the part that differs between left and right, and only above 120 Hz: a Linkwitz-Riley split keeps everything below it in mono, whatever WIDEN says.

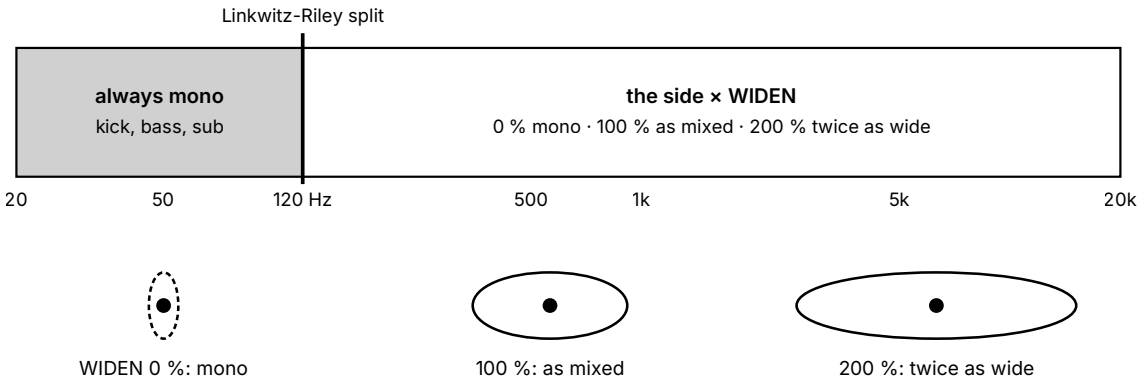


FIGURE 14 WIDEN acts above 120 Hz. Below it, the kick, the bass and the sub always stay in the centre.

- **100 %** leaves the width as it was mixed.
- **105–130 %** opens a mix a little; most presets sit here.
- **85–95 %** narrows it slightly, for phones and small speakers (*Streaming Mono Safe*, *Loud Mono Safe*).
- **0 %** is mono, to check how your master folds down.
- **Above 150 %** is an effect: listen in mono afterwards.

The status panel

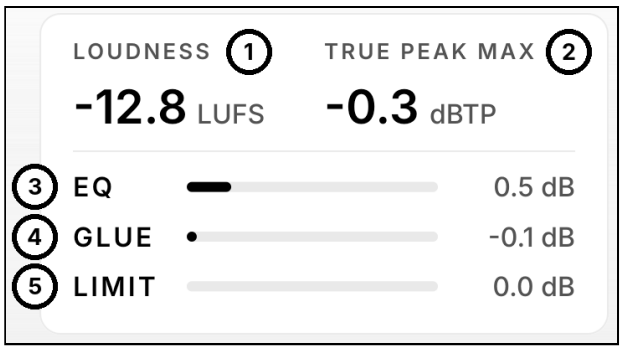


FIGURE 15 The status panel: 1 LOUDNESS −12.8 LUFS, 2 TRUE PEAK MAX −0.3 dBTP, and the bars for 3 EQ, 4 GLUE and 5 LIMIT.

The status panel tells you what Master One is doing. It reads the output, your master.

Read-out	What it shows
LOUDNESS	The integrated loudness of the master since you last restarted it (LUFS).
TRUE PEAK MAX	The highest true peak since you last restarted it (dBTP).
EQ	The adaptive EQ's largest move right now (dB).
GLUE	The glue compressor's gain reduction (dB).
LIMIT	The limiter's gain reduction (dB).

Restart the readings: click LOUDNESS or TRUE PEAK MAX. Do it at the start of the song, then play the whole song through and read the loudness at the end: that is the number streaming services measure.

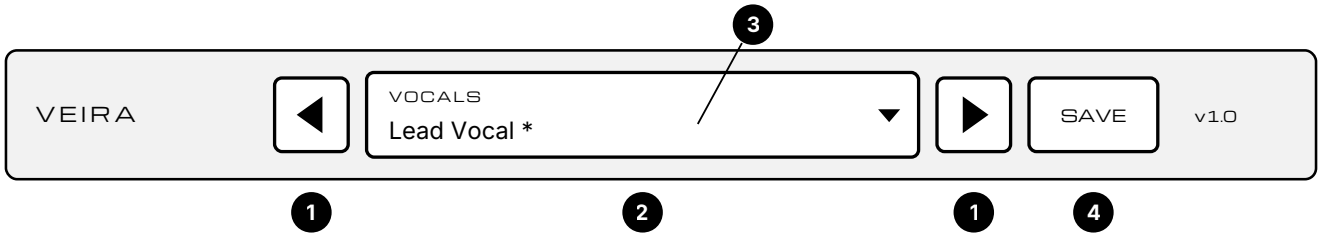
The three bars are quiet by design. On a well-balanced mix at a moderate PUSH they barely move. If LIMIT shows several decibels all the time, PUSH is high for that song; if EQ sits near its limit, the mix itself may need a look.

Presets

VEIRA Master One comes with **33 factory presets** in 9 folders. Each one is a starting point made for a real job. Load one close to what you need, then adjust the first control its note mentions.

The preset browser

The preset browser sits in the header, at the top of the window.



The header: logo and plugin name, then the preset browser, then the version.

FIGURE 16 The preset browser.

- 1 ◀ ▶ step to the previous or next preset, through every folder in order.
- 2 **The display** shows the folder (small, above) and the preset's name. Click it to open the preset menu. Hover over it to read the preset's note: what it's for and what to adjust first.
- 3 **An asterisk (*)** after the name means you've changed something since the preset loaded.
- 4 SAVE stores your current settings as a user preset.

The preset menu

Clicking the display opens a menu with:

- one submenu per **factory folder**, in the order shown below;
- **User Presets**, with your own presets in their folders;
- **Save...**, **Delete** (only for user presets: factory presets can't be deleted), **Rescan** (re-reads the user folder, if you copied presets in by hand) and **Show User Preset Folder** (opens it in Finder or Explorer).

Saving your own presets

1. Set VEIRA Master One the way you like it.
2. Press SAVE. A dialog opens inside the plugin window.
3. Type a name, choose a folder or type a new folder name, and confirm.

Each user preset is one small .veirapreset file:

	Folder
macOS	~/Library/Audio/Presets/VEIRA/VEIRA Master One/<Folder>/
Windows	%APPDATA%\VEIRA\VEIRA Master One\Presets\<Folder>\

Copy these files to move your presets to another computer, or to back them up. Presets keep loading in future versions: any control added later simply starts at its default.

Presets in your DAW

The factory presets also appear in your DAW's own preset or program menu, named *Folder: Name* (for example *Vocals: Lead Vocal*). Whatever preset is selected is saved with your session and comes back when you reopen it, including the asterisk if you'd changed it.

The **Default ▸ Init** preset equals a fresh instance of the plugin: every control at its default.

The factory folders

Folder	Presets
Default	Init
Pop	Radio Pop, Modern Pop, Pop Ballad, Indie Pop
Rock	Arena Rock, Indie Rock, Classic Rock, Heavy
Hip-Hop	Trap, Boom Bap, Lo-Fi Beat, Smooth R&B
Electronic	Club, House, Techno, Ambient
Acoustic	Singer-Songwriter, Folk, Jazz, Live Session
Streaming	Streaming Standard, Streaming Wide, Streaming Mono Safe, Streaming Plus
Loud	Loud, Maximum, Loud And Wide, Loud Mono Safe
Gentle	Gentle Polish, Soft Touch, Dynamic Master, Wide And Gentle

> **Loudness, not level.** Each preset's PUSH was found on the engine for its loudness target, on premasters peaking at −6 dBFS. Because Master One listens to the song and brings it to the loudness PUSH asks for, a hotter or quieter premaster lands in about the same place. Give it 20 seconds of the song before you judge.

Recipes

A master for streaming

1. Load **Streaming ▸ Streaming Standard** (PUSH 49 %, WIDEN 100 %): −14 LUFS, the level streaming services play at.
2. Play the song through, then click LOUDNESS and play it again from the start.
3. For a song that should feel fuller after normalisation, try **Streaming Plus** (−13 LUFS).

A loud pop or rock master

1. Load **Pop ▸ Radio Pop** or **Rock ▸ Arena Rock** (about −9.5 LUFS).
2. Play the chorus and lower PUSH a little if it flattens; the LIMIT bar should move on the peaks, not sit low all the time.

A club master

1. Load **Electronic ▸ Club** (PUSH 96 %, WIDEN 105 %): loud, with the lows mono and steady.
2. Check the master in mono by turning WIDEN to 0 % for a moment, then back.

A quiet, dynamic master

1. Load **Gentle ▸ Dynamic Master** or **Acoustic ▸ Jazz** (PUSH 23 %, about −14.5 LUFS).
2. Leave WIDEN at 100 % so the recorded space stays as it was.

Safe on phones

1. Load **Streaming ▸ Streaming Mono Safe** or **Loud ▸ Loud Mono Safe**: WIDEN 85–90 %.
2. Listen on your phone's speaker: the mix holds together because the lows are mono and the sides are a little narrower.

Specifications

Type	Two-control mastering: adaptive EQ, glue compressor, level, density, width and true-peak limiter in a fixed order
Channels	Mono and stereo
PUSH	0 to 100 % (default 50 %): about −16 LUFS at 0 %, −14 LUFS at 50 %, −8 LUFS at 100 % on dense music
WIDEN	0 to 200 % (default 100 %): the side above 120 Hz (Linkwitz-Riley split); the lows always mono
Tone	Four broad bands (90 Hz shelf, 300 Hz and 3 kHz bells, 9 kHz shelf) following the song's balance over about 6 s; ±1 dB at PUSH 0 to ±3 dB at 100 %; at most 0.5 dB a second
Glue	Linked RMS compressor, 1.2:1 to 3:1, at most 6 dB
Level	The song's loudness (ITU-R BS.1770) averaged over about 20 s, brought to PUSH's target at most 3 dB a second
Limiter	VEIRA Max's engine: true peak (8x), 2 ms lookahead, auto release, soft clipper growing with PUSH; ceiling −0.1 dBTP, always
Read-outs	Integrated loudness (LUFS), true-peak maximum (dBTP); EQ, glue and limiter activity
Latency	224 samples at 48 kHz (4.7 ms), 216 at 44.1 kHz, 320 at 96 kHz; constant and reported to the host; the DAW's bypass is delayed to match
Repeatable	The same input gives the same output, bit for bit, at any buffer size, live or offline
Presets	33 factory presets in 9 folders, plus your own
Window	900 × 560 points; resizable from 75 % to 200 %, saved with the session
Formats	VST3, Audio Units, standalone; AAX once signed
Plugin ID	Manufacturer Veir, plugin Vmon

Troubleshooting and questions

The sound drops out for a moment every 30 seconds. The plugin isn't activated on this computer. Open VEIRA Manager and sign in; the strip at the bottom of the plugin's window says exactly what's wrong. See *Getting started ▸ Activation and the licence*.

I don't see VEIRA Master One in my DAW. Make sure VEIRA Manager shows SHOW (installed) for it, then rescan plugins in your DAW. In Logic Pro, open the Plug-in Manager and choose *Reset & Rescan Selection* if needed. Look under the manufacturer **VEIRA**.

The level changes during the first seconds of the song. Master One is still listening: it assumes a −16 LUFS premaster until it has heard about 20 seconds. After that it moves slowly. Start playback a little before the part you want to judge.

LOUDNESS doesn't match the table. The table is approximate: the result depends on how dense the music is. Restart LOUDNESS, play the whole song and adjust PUSH.

The master sounds squashed. PUSH is high for this song. Lower it until the chorus breathes again; the LIMIT bar should move on the peaks, not sit low all the time.

Can I change the EQ, the compressor or the limiter? No: they set themselves. For hands-on control of each stage, use VEIRA Master Rack or VEIRA Mastering Suite.

Does it add latency? 224 samples at 48 kHz (4.7 ms), 216 at 44.1 kHz and 320 at 96 kHz, the limiter's look-ahead. It is always the same, and your DAW compensates for it.

Will an offline bounce sound the same as playback? Yes, bit for bit, whatever your DAW's buffer size.

Do my sessions keep my settings? Yes. PUSH, WIDEN, the selected preset and the window size are saved with your session.

Contact: support@veiraaudio.com. Mention your computer (Mac or Windows and its version), your DAW and version, and what you see.



VEIRA Master One · User Manual · Version 0.1.0

Support: **support@veiraaudio.com** · Web: **veiraaudio.com**

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