



SINGTALL STUDIO

Singtall EQ

Professional 4-Band EQ · Windows VST3 · Free Forever

FREE



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1. Installation & setup

Installation steps

1. Run SingtallEQ_Windows_Setup.exe as Administrator
2. The installer places Singtall EQ.vst3 in C:\Program Files\Common Files\VST3\
3. Open your DAW and rescan VST3 plugins
4. Add "Singtall EQ" to any track as an insert effect
5. No registration or internet connection required — ever

NOTE If Singtall EQ does not appear after rescanning, confirm your DAW is 64-bit and scans C:\Program Files\Common Files\VST3\

2. Interface overview

Singtall EQ has four main areas:

Toolbar

Logo, Analyzer toggle, Auto Gain, Range, Speed, Scale dropdown, and IN/OUT trim knobs on the far right.

EQ Display

Spectrum analyzer with EQ curve and draggable band nodes. Drag to adjust. Double-click a node to reset gain to 0dB. A tooltip bubble floats over the node while dragging.

Band Controls

Four sections at the bottom — ON button, filter type dropdown, and FREQ/GAIN/Q knobs per band.

Level Meters

IN and OUT vertical meters on the right edge showing signal level before and after processing.

3. Toolbar controls

Analyzer button

Toggles the real-time spectrum analyzer. Turn off to save CPU on slower systems.

Auto Gain

Compensates for level changes caused by EQ. Enable when A/B testing.

Range dropdown

Vertical display range of the analyzer: 60, 90, or 120 dB.

Speed dropdown

Analyzer peak decay speed: Slow, Medium, or Fast.

Scale dropdown

UI scaling: 100%, 125%, 150%, 175%, 200%. Saved and remembered between sessions.

IN knob (top right)

Input trim before all processing. -24 to +24 dB. Turns cyan when not at 0dB.

OUT knob (top right)

Output trim after all processing. -24 to +24 dB. Turns cyan when not at 0dB.

4. EQ bands

Singtall EQ has 4 fixed bands. Each is independent and can be any filter type.

ON button

Enables or bypasses the band without removing it.

How:

Click ON

Type dropdown

Bell, Lo Shelf, Hi Shelf, Lo Pass, Hi Pass, Notch.

How:

Type dropdown

FREQ knob

Centre or cutoff frequency. 20 Hz to 20 kHz.

How:

Drag node or FREQ

GAIN knob

-18 to +18 dB boost or cut. On LP/HP sets slope. On Notch controls depth (0 = off, negative = deeper cut). Double-click resets to 0.

How:

Drag node or GAIN

Q knob

Bandwidth. Higher = narrower. Hidden on Notch (fixed at Q10).

How:

Q knob or scroll

5. Filter types

Bell

Boost or cut at a centre frequency. Q controls width — higher Q = narrower.

Lo Shelf

Affects all frequencies below the set point. Adds warmth or cuts mud.

Hi Shelf

Affects all frequencies above the set point. Adds air or tames harshness.

Lo Pass

Removes content above the cutoff. GAIN controls slope (6-24 dB/oct).

Hi Pass

Removes content below the cutoff. Same slope options as Lo Pass.

Notch

Narrow cut at a specific frequency. GAIN controls depth — turn left for deeper cut, 0dB is off. Q is fixed at 10 for surgical precision. Ideal for removing hum, buzz, or resonances.

6. Level meters

Vertical meters on the right edge show signal levels before and after all processing.

IN meter

 Signal entering after the IN trim knob. Target -18 to -12 dBFS for healthy levels.

OUT meter

 Signal after EQ and OUT trim. Compare with IN to see the overall EQ effect.

Colour zones

 Green = healthy. Yellow = loud. Red = clipping — reduce IN trim or band gains.

Value display

 Current dB value shown next to each trim knob. Turns cyan when adjusted from 0dB.

7. Tips & workflow

Find resonances

Boost a Bell to +12 dB, Q to 8, drag slowly across the problem area. Resonances ring loudly. Cut once found, double-click to reset.

Set levels first

Use IN trim to target -18 to -12 dBFS before touching EQ. Good input level gives more accurate and musical results.

Hi Pass everything

Place a Hi Pass on Band 1 at 80-120 Hz on most tracks. Removes rumble and buildup that causes mix muddiness.

Auto Gain for A/B

Always enable Auto Gain before comparing EQ versus bypass. Louder always sounds better — Auto Gain removes that bias.

Notch for hum

Set a band to Notch, place at 50 Hz (EU) or 60 Hz (US). Turn GAIN left for a deep cut. Q is fixed at 10 for surgical precision.

UI Scaling

Set Scale to 150% or 175% on high-DPI monitors. Setting is remembered between sessions.

8. Ready for more? Upgrade to Singtall ProQ

When you are ready for more power, Singtall ProQ adds: 8 bands, dynamic EQ per band, Mid/Side routing, spectral dynamics, band solo, sidechain input, 3 processing modes, oversampling up to 8x, PRE band, dedicated HP/LP section, and the full channel strip in v2.

Singtall ProQ v1 — \$79 · singtallstudio.com