

LF-Pro

Low end control for vocals

VERSION 1.0.0

For one dry vocal at a time, early in the chain, before your compressor.

QUICK START

- 1 Put LF-Pro on a dry vocal track, before any compression.
- 2 Start from the preset that matches the job.
- 3 Turn CUT up until the rumble under the voice has gone.
- 4 Turn TAME up until the low end sits still across a whole phrase.
- 5 Set WEIGHT for body. Add DE-RES if the voice rings, HIGH TAME if it turns hard.

CONTROLS

CUT

A 12 dB/oct low cut that follows the lowest notes being sung and stays under it, never on it. Turn it up until the rumble under the voice has gone.

TAME

The main control. Ten dynamic bands from 60 to 500 Hz that hold booms, mic proximity and room ring to a steady level. Too much sounds thin.

TAME RANGE

The top frequency TAME works up to, 80 to 500 Hz. BYPASS is time-aligned: the dry path carries the same ms. MATCH plays it at the processed loudness, up to 6 dB either way, and never changes the processed sound.

WEIGHT

How much low end is left. A low shelf above the tracked note, 8 dB either way.

HIGH TAME

A dynamic band at 1.6 kHz, for when the loud words turn hard or pinched.

DE-RES

Flattening dynamic bands from 500 Hz to 5 kHz for resonance and hot spots: a boxy note, a honk on one vowel, a word jumping forward. The voice cannot lose more than 1.5 dB across that range.

PRESET

Eleven factory presets, six for music and four for speech. A preset is a position of the five knobs and nothing else.

BYPASS AND MATCH

BYPASS is time-aligned: the dry path carries the same ms. MATCH plays it at the processed loudness, up to 6 dB either way, and never changes the processed sound.

DISPLAY

20 Hz to 10 kHz. The dashed line is the cut, the violet line with a note name is the note being sung, and the curve shows what the plugin is doing.

LATENCY

3 ms, reported to the host. 144 samples at 48 kHz, compensated by the host on playback.

REQUIREMENTS

Windows at 64-bit, VST3 only. Windows 10 or on right-click.

LICENCE

Installed and licensed through Muse Hub. No serial number, no login, no activation screen.