



Mix Analysis Report

Generated on April 25, 2025

Feedback

Loudness: Your mix is 49.3% quieter than the reference (-17.9 LUFS vs -12.0 LUFS). Apply a limiter to match perceived loudness.

Peak Level: Peak level is very high. Reduce the gain by 1-2 dB to prevent clipping.

Bass: Bass (20-250 Hz) is 48.2% weaker than the reference. Boost 60-100 Hz by 2-4 dB.

Mids: Mids (250 Hz-4 kHz) are 52.7% weaker than the reference. Boost 1-2 kHz by 1-3 dB.

Treble: Treble (4-20 kHz) is 54.8% weaker than the reference. Apply a high shelf at 8 kHz, +2-4 dB.

Stereo Width: Stereo width is 53.0% narrower than the reference. Use a stereo widener plugin to increase width by 10-20%.

Dynamic Range: Dynamic range is high (16.6 dB). Apply light compression with a ratio of 2:1-3:1 and threshold around -20 to -15 dB.

Transients: Transients are 54.4% softer than the reference. Use a transient shaper to increase attack by 5-10 dB.

Metrics

Metric	Value
Confidence Metric	89.4%
LUFS Difference	49.3%
RMS Difference	48.9%
Bass Difference	48.2%
Mids Difference	52.7%
Treble Difference	54.8%
Stereo Width Difference	53.0%
Stereo Balance Difference	0.8%
Transient Difference	-54.4%
Peak Difference	-5.8%
Dynamic Range	16.6 dB
Mono Compatibility	0.7%

Frequency Spectrum

