

INTEGRATED LUFS

-14.02 LUFS

Target: -14.0 LUFS

TRUE PEAK

-3.91 dBTP

Ceiling: -1.0 dBTP

LOUDNESS RANGE

8.81 LU

Crest: 13.47 dB

STEREO CORRELATION

0.932

Source: 0.921

PROJECT METADATA

Track	Track7_inpsire_original.wav
Artist	Unknown
Album	Single
ISRC	-
Year	-

RENDER PROVENANCE

Profile	Indie Pop
Delivery Profile	STREAMING
Genre Benchmark	INDIE-POP · Target
Export	WAV-24
Sample Rate	48000 Hz
Channels	2
Duration	3:59

MASTERING EVIDENCE

Target Accuracy	0.02 LU · ON PROFILE
LUFS Delta (Out - Src)	-1.53 LU
True Peak Delta (Out - Src)	-0.46 dB
Crest Delta (Out - Src)	0.40 dB
Output Safety	CLEARED
Post-Encode QC	Cleared on first encode and decode pass
Master Runtime	3:01 (181.90s)

STAGE TIMING SUMMARY

• Parallel Harmonic VCA	47.24s
• Export	24.43s
• Spatial Analyser	12.71s
• QC Analysis	11.92s

KEY ENGINE HIGHLIGHTS

NOISE DEFENSE

- Report Text: NOISE DEFENSE (Spectral Subtraction) Status: ACTIVE Noise Print: Detected at -85.3dB RMS (2-channel profile). Subtraction: Aggressiveness 1.2x | Floor 2.0% of noise print.
- Engaged: true
- Noise Floor Est Db: -85.3
- Alpha: 1.2

GENRE ROUTING

- Sub-genre confidence 50%

CONFIDENCE

- Global confidence 71.7%
- Archetype match 80.0%
- Archetype separation 5.8%
- Genre certainty 100.0%

SPECTRAL CORRECTION

- Genre target applied: indie-pop
- Genre confidence 71.7%
- 6 corrections injected
- 258 deviations skipped by safety filters

PROCESSOR EVIDENCE

- **AAC Reconstruction QC** – No AAC overshoot detected after encode and decode check

WARNINGS & RISK NOTES

- No warnings were raised for this mastering run.

COMPOUND RULE INTERVENTIONS

- No compound rule interventions were recorded.

METADATA CERTIFICATION

Velnor Tag String

Mastered by Velnor Audio [SID:10FBCDCE]

Container Route

RIFF/ID3 metadata: TSSE + TXXX(vanta_sid) + standard music tags

Session Identifier

10fbcdce-94b2-4568-b3c3-079c55953f9b

WAVEFORM OVERVIEW

Source and mastered shape overview, aligned on the same time scale for a quick before-and-after read.

Source



Mastered



GENRE LANDSCAPE - INDIE-POP

Corpus: Target · SID: 10fbcfce-94b2-4568-b3c3-079c55953f9b

METRIC POSITIONING VS INDIE-POP CORPUS (PRE-MASTER INPUT)

Z-score and percentile rank show where your source track sat relative to commercial indie-pop releases. P10, P50 and P90 are corpus anchors in the same unit.

METRIC	SOURCE	MASTERED	P10 · P50 · P90	PERCENTILE	Z-SCORE
Integrated LUFs	-12.49 LUFs	-14.02 LUFs	-23.05 · -16.95 · -14.05	90th	0.73
Crest Factor	11.7 dB	13.61 dB	7.35 · 11.25 · 17.55	65th	0.47
Sub Bass	-22.53 dB	-26.08 dB	-30.1 · -23.7 · -18.5	35th	-0.46
Bass	-20.75 dB	-23.81 dB	-28.9 · -25.9 · -23.5	85th	0.92
Presence	-34.26 dB	-33.19 dB	-41.1 · -35.9 · -32.9	86th	0.75
Air	-35.81 dB	-33.52 dB	-45.7 · -39.5 · -35.7	93th	1.37

Z-score = standard deviations from corpus mean. Bar spans -3σ to +3σ. Gold = above mean, grey = below mean.

ADAPTIVE DECISION DETAIL

NOISE DEFENSE

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GENRE ROUTING

- Sub-genre confidence 50%

CONFIDENCE

- Global confidence 71.7%
- Archetype match 80.0%
- Archetype separation 5.8%
- Genre certainty 100.0%
- Profile fit 73.0%
- Stereo reliability 100.0%

SPECTRAL CORRECTION

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DYNAMIC CORRECTION

- Dynamic Correction - Global anchor used (100ms lookahead)
- Sub Bass: Cut -0.6dB, Boost +0.0dB
- Low Mid: Cut -0.9dB, Boost +0.0dB
- Mid: Cut -1.3dB, Boost +1.2dB
- Presence: Cut -1.4dB, Boost +1.4dB
- Air: Cut -1.2dB, Boost +1.2dB

STEREO

- Stereo Shuffler - Instructions: Bloom. Bass Gain: -40dB. Air Gain: 2.5dB. Global 1.25x. Filter: Gentle (1st-order).

TRUE PEAK LIMITER

- TRUE PEAK LIMITER - ISP-Aware
- Oversampling: 8x (8x - ceiling -1.0 dBTP tighter than -0.5)
- Ceiling: -1.0 dBTP
- Stage 1 - Peak Prediction
- True peak candidates detected: 0
- Stage 2 - Envelope Correction
- ISP corrections injected: 0
- Max additional GR applied: 0.0dB

CHAIN BUDGET

- Ceiling 6.50 dB
- Policy corpus
interp(track=13.07,p10=2.85,p50=4.25,p90=6.75,gm=1.0)
- Used 100.0% of available budget
- Global and per-band budget consumed by active stages
- Lufs Macro: -0.19 dB
- Mid: boost 0.98 dB, cut 1.95 dB
- Presence: boost 1.21 dB, cut 2.21 dB