JOHNNY BABYLON · TONE SHEET · BRO BY BRO

Guitar Ecstasy Improvisastion #1 in E Minor

Track 3 of 7 on *Bro by Bro* · December 1, 2023 · 5:54 · Rock

Spelled "Improvisastion" in the Apple Music catalog; this sheet keeps that official spelling.

Listen: music.apple.com (album 1718829342, track 1718829345)
Free lessons: johnnybabylon.com/lessons/improvisation-1-e-minor · johnnybabylon.com/lessons/legato-e-minor
Sheet date: November 22, 2026

Starting points by **gear type** only, with generic 0–10 knob positions (noon = 5). This is not a claim that the artist used these settings or any particular instrument, amp, or pedal. **No brands are named.** No official chord chart or tab has been published. Figures come from the official **30-second Apple Music preview** (about 8% of the 5:54 track; position unknown), measured November 22, 2026 with BabylonTone and librosa 1.0.1, as published in the free lessons. No audio is redistributed.

MEASURED from the preview analysis (when one exists) **INFERRED** starting point or lesson interpretation — check by ear **FROM ARTIST** none for this track's gear

MEASURED SNAPSHOT

ITEM	VALUE	
BabylonTone wording	moderate level · dark, warm tone · up-tempo pulse (~120 BPM) · tonal center near E minor · moderate dynamics	MEASURED
Key	BabylonTone: E minor (conf. 0.790, Camelot 9A); runner-up G major (0.749). Librosa whole-preview profile is a near-tie (G major 0.772, E minor 0.766).	MEASURED
Tempo	BabylonTone 120.1 BPM (alt. 60, conf. 0.306); librosa 123.0 BPM, with 10 s windows at 136.0, 117.5, 123.0. The two roughly agree near 120; the windows drift.	MEASURED
Loudness / peak / crest	−17.9 dBFS / −4.2 dBFS / crest 13.7 dB	MEASURED
Dynamic spread	8.4 dB, with clear dips between phrases (not a flat, heavily squashed envelope)	MEASURED
Brightness	BabylonTone centroid 1,127 Hz ("dark, warm tone") · rolloff 2,075 Hz. Librosa centroid 961 Hz (same preview).	MEASURED
Other preview figures	Zero-crossing rate 0.0494; harmonic-to-percussive energy ratio 21.22; voiced fraction 0.71; lead range F2–E5; about 4.0 lead notes/s, 3.4 onsets/s.	MEASURED
Loudness by 10 s window	−17.9, −18.6, −17.4 dBFS (0–10, 10–20, 20–30 s)	MEASURED

INFERRED A dark, warm 1,127 Hz reading is a good reason to start on a neck pickup or with the tone knob rolled back if your take is much brighter (already tagged inferred in the published lesson). Aim for a similar 8.4 dB spread and let phrases breathe instead of compressing everything. Practice around 120 BPM and allow the line to stretch; this is an improvised feel, not a locked riff. The close E-minor / G-major scores are reported as measured; they are not an official chord chart, and no tab is published.

AMP SETUP

CONTROL	START (0–10)	
Channel	Clean or light crunch / mild overdrive — not a dense high-gain rhythm voice	INFERRED
Gain	3.5–5 (~10:30–12:00)	INFERRED
Bass	5–6 (12:00–1:00)	INFERRED
Mid	5.5–6.5 (12:30–1:30)	INFERRED
Treble	3.5–4.5 (10:30–11:30)	INFERRED
Presence	3.5–4.5 (10:30–11:30)	INFERRED
Reverb	0–2 (tails not measured)	INFERRED
Master	To listening level; do not add heavy saturation here	INFERRED

GUITAR & PICKUPS

CONTROL	START (0–10)	
Volume	5.5–7 (12:30–2:00)	INFERRED
Tone	3.5–5 (10:30–12:00)	INFERRED
Selector	Neck, or a neck-plus-middle blend	INFERRED
Instrument	Electric guitar; pickup design not claimed	INFERRED

If your BabylonTone centroid is much brighter than 1,127 Hz, roll the tone knob back or stay on the neck pickup, as the lesson suggests.

PEDAL CHAIN

#	TYPE / START (0–10)	
1	Tuner (utility)	—
2	Compressor optional and light (sustain 2–3) or off — the lesson asks you to let phrases breathe	INFERRED
3	Light overdrive if the amp is clean: drive 2–4, tone 4–5, level near unity. Skip if the amp is already mildly crunchy.	INFERRED
4	EQ (optional): a small treble cut or mid warmth only if the amp is already bright	INFERRED
5–6	Delay off (or mix 0–2, short). Reverb short room, mix 1–2. Tails not measured.	INFERRED

HOW TO DIAL IT IN

1. Listen first to the official recording: moderate level, dark and warm (not brittle), with audible space between phrases.
2. Start fairly dry on a clean or light-crunch channel, neck pickup, tone somewhat rolled back, pedals off or only a light overdrive.
3. Set gain just high enough for a warm body. Stop before the envelope flattens toward a Rocksaw-like 5.4 dB spread.
4. Match brightness by ear. Optionally record 20–30 s and compare BabylonTone's centroid to 1,127 Hz at tools.johnnybabylon.com (files stay in the browser).
5. Match dynamics: aim near an 8.4 dB spread and let phrases dip. Prefer a steadier touch or less compression if your take is flatter than the preview.
6. Keep time-based effects nearly dry until you actually hear a room or a repeat on the record. Practice near 120 BPM but let phrases stretch. Change one control at a time.

GAPS

- Coverage is only a 30-second preview (about 8% of 5:54); its position in the song is unknown. Formal sections cannot be named.
- No artist-documented amp, pedals, pickup, guitar, or knob positions. Reverb and delay tails were not measured.
- Bends and vibrato were not treated as measured facts here. Related technique files list candidates, but the published method in the lesson set does not treat those detectors as reliable in a full mix.
- Librosa and BabylonTone disagree slightly on the top key (G major vs E minor, near-tie). That is reported, not resolved into official chords or tab.
- No official chord chart or tab has been published.

© Johnny Babylon. Sources: Apple Music catalog metadata (track ID 1718829345); published lessons at /lessons/improvisation-1-e-minor and /lessons/legato-e-minor; BabylonTone and librosa 1.0.1 measurements of the official 30-second preview, November 22, 2026. No audio is redistributed. Review deliverable only — not a claim about the artist's rig.