

# Erica Synths – Drum Sequencer

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- [Manual PDF](#)
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[\*\*Official Erica Synths Drum Sequencer Manual PDF\*\*] (<https://www.ericasynths.com/manuals/drum-sequencer.pdf>)

# Erica Synths Drum Sequencer – Cheat Sheet

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## PANEL & JACK REFERENCE

### \*\*Inputs\*\*

- \*\*MIDI IN\*\*: 3.5mm TRS (Adapter to 5-pin DIN supplied). Accepts MIDI messages.
- \*\*CLK IN\*\*: 3.5mm mono. Accepts analog clock pulses, 4 PPQN (4 pulses per quarter note).
- \*\*RST IN\*\*: (Not typically present, but may be on some models) 3.5mm mono.

### \*\*Outputs\*\*

- \*\*TR1–16\*\*: 16x 3.5mm mono, trigger/gate out. +10V standard, patchable.
- \*\*ACC1–ACC12\*\*: Accent outputs (Trigger Tracks 1–12 only), 3.5mm mono.
- \*\*CV OUT\*\*: 3.5mm, pitch CV for melodic track, 0–5V range (1V/octave).
- \*\*GATE OUT\*\*: 3.5mm, gate for melodic track, 0/+10V.
- \*\*LF01 & LF02\*\*: 2x 3.5mm, assignable LFO signals, typically 0–5V.
- \*\*CLK OUT\*\*: 3.5mm, outputs clock (configurable divisions/multiples).

### \*\*Knobs / Encoders\*\*

- \*\*ENC1\*\*: Menu/data browse knob 1. Used to navigate/scroll through menus.
- \*\*ENC2\*\*: Value/data entry knob 2. Used to change parameter values.

### \*\*Buttons\*\*

\*\*Top Row:\*\*

- \*\*BANK, PATTERN\*\*: Change/select banks and patterns.
- \*\*COPY, PASTE\*\*: Copy and paste tracks, patterns, steps.
- \*\*SHIFT\*\*: Secondary functions when held. Combos for advanced functions.

- **\*\*CLEAR\*\***: Clears individual steps, tracks, patterns (when used w/ SELECT)
- **\*\*TRIG SEL\*\***: Select tracks for editing or as paste destination.
- **\*\*STEP/TAP\*\***: Enter tap/record mode, live step input (use SHIFT for step selection)
- **\*\*SHUFFLE\*\***: Opens shuffle/swing settings (pattern or track).
- **\*\*DRCTN\*\***: Opens direction (fwd/back/ping-pong/random) settings (pattern or track)
- **\*\*MUTE\*\***: Opens mute mode for instant/performance mutes; with SHIFT, enter mute mode for pattern/track
- **\*\*LAST STEP\*\***: Set last step for pattern/track (length adjustment)

#### **\*\*Transport:\*\***

- **\*\*PLAY (▶)\*\***: Start sequence. Hold SHIFT to enter settings page.
- **\*\*STOP (■)\*\***: Stop sequence. Double-tap to play. With SHIFT, enter stop mode for pattern/track
- **\*\*RECORD (●)\*\***: Save pattern, enable record functions, save state

#### **\*\*STEP KEYS 1-16:\*\***

Used for pattern entry, step selection, track and pattern navigation

#### **### \*\*Menu Shortcuts\*\***

- **\*\*Settings\*\***: SHIFT + PLAY (first page), SHIFT + PLAY again for previous page
- **\*\*Song Mode\*\***: SHIFT + BANK (once: write, twice: play)

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#### **## JACK VOLTAGE RANGES**

JACK TYPE	VOLTAGE RANGE	NOTES
Trigger Out (TRxx)	+10V (default)	Adjustable pulse width, 0-10V
Accent Out (ACCxx)	+10V/+5V	Configurable per accent
CV OUT	0-5V / -3V to +4V	CV track, 1V/oct (see track list)
GATE OUT/LFO OUT	+10V / 0-5V	Gate is standard 0V=low
CLK IN/OUT	5V logic	4 PPQN (in), divides/multiplies (out)
MIDI IN	5V logic	TTL MIDI via adapter

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#### **## QUICK OPERATIONS**

### ### \*\*Selecting Banks, Patterns, and Tracks\*\*

- \*\*BANK:\*\* Hold BANK, press STEP KEY 1–8 to select bank (A–H).
- \*\*PATTERN:\*\* Press STEP KEY 1–16 to choose pattern within current bank.
- \*\*TRIG SEL (Track Select):\*\* Hold TRIG SEL, press STEP KEY 1–16 (or 1–12 for CV tracks).

### ### \*\*Entering/Editing Steps\*\*

- In Pattern Edit: Press STEP KEYS to toggle steps on/off.
- Double-tap for ACCENTS (Tracks 1–12 only, accent must be enabled).
- Hold LAST STEP + desired step to set last step (track length).

### ### \*\*Saving/Undo\*\*

- \*\*Save:\*\* Press RECORD (●) any time to save current state.
- \*\*Undo ("Pattern Reload"):\*\* Hold ENC1, press ENC2 (restores last saved state).

### ### \*\*Copy & Paste\*\*

- \*\*Pattern:\*\* COPY, select to copy; PASTE, select to paste.
- \*\*Track or Step:\*\* COPY, TRIG SEL (select destination), PASTE. Use TRIG SEL to select destination.
- \*\*Clear:\*\* HOLD SHIFT + CLEAR to clear track/steps.

### ### \*\*Randomization (CV Track only)\*\*

- Hold SHIFT + SHUFFLE while in CV track mode for step/random settings.
- Press BANK to randomize per chosen probability.
- Save with RECORD.

### ### \*\*Direction & Shuffle/Swing\*\*

- \*\*Pattern:\*\* Hold SHUFFLE/DRCTN in Pattern Play to set global pattern direction.
- \*\*Track:\*\* Hold SHUFFLE/DRCTN in Pattern Edit for per-track swing settings.

### ### \*\*Mute/Solo\*\*

- MUTE button toggles Mute Mode; individual STEP KEYS mute/unmute tracks.
- SHIFT + STEP KEY in MUTE Mode solos/un-solos.
- SHIFT + MUTE clears all mutes. Hold MUTE, select STEP KEYS for Mute Mode.

### ### \*\*Tap (Live Record) Mode\*\*

- STEP/TAP: Enter live step entry, tap triggers live.
- SHIFT + STEP/TAP: FILL submenu, for rolls/repeats.

### **### \*\*LFOs\*\***

- Hold TRIG SEL + ENC1 to enter LFO mode.
- ENC2 scrolls between: LF01/2, wave (SIN, TRI, SAW, SQU, S&H), frequency.
- Save with RECORD.

### **### \*\*CV/Gate Track\*\***

- Hold TRIG SEL + ENC2 to access.
- Note Edit: Press ENC1 in CV/Gate Track mode.
- Set scale (SCL), root note (R00), octave (OCT), gate length per step.
- Step slides: Press two adjacent STEP KEYS in Note Edit to enable.

### **### \*\*Song Mode\*\***

- SHIFT + BANK: Write, twice for Play. Arrange/chains patterns with

### **### \*\*Settings\*\***

- SHIFT + PLAY: Enter settings (clock source, default BPM etc.)
- SHIFT + PLAY again: Second page (reset out, bar auto copy, accent

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## **## TUNING TIPS**

- For 1V/oct, use a tuner and set CV/Track to C0/OCT 0, and tune os

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## **## FACTORY RESET**

1. Turn off unit.
2. Hold PLAY + STOP while turning on.
3. Wait for completion.

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**## [Full PDF Manual Link]([https://www.ericsynths.lv/media/Drum\\_Seq.pdf](https://www.ericsynths.lv/media/Drum_Seq.pdf))**

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[Generated With Eurorack Processor](<https://github.com/nstarke/euro>)

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**This sheet summarizes operational workflow, I/O references, voltage ranges, and fast-access combos for the Erica Synths Drum Sequencer (Firmware 1.056). Refer to the official manual above for deeper features, firmware updates, troubleshooting, and safety info!**