



CHANGE PATTERN: (H)SHIFT + ◀ PAT ► CHAIN PATTERNS: CHANGE PATTERN MULTIPLE TIMES , WITHOUT RELEASING SHIFT WHEN RUNNING

LIVE RECORD MODE ON/OFF: (H)SHIFT + PLAY (RELEASE PLAY BEFORE SHIFT) SPINDOWN EFFECT: (H)PLAY + SLIDE

CHANGE SYNC MODE: (H)SLIDE + KEYS 1-6 (SEE OTHER SIDE FOR DETAILS)

STUTTER EFFECT: (H)PLAY + REST

CLEAR/RANDOMIZE: (H)SHIFT + REST 4 TIMES: 1st & 2nd=TOGGLES ALL RESTS 3rd=CLEARS PATTERN, 4th=RANDOMIZES PATTERN TRANSPOSE PLAYBACK: (WHEN LESS THAN 2 KEY CHANGES ARE RECORDED) (H)PLAY+ KEYS 1-12

RECORD KEY CHANGE SEQUENCE: (WHEN RUNNING) (H)PLAY + SEQUENCE OF KEYS 1-12

SET WOBBLE, CRUSH & ARP: (H)SHIFT+ ARP, W & CRUSH SHORTEN PATTERN (RESET STEP): SELECT A STEP, THEN (H)PLAY+ (H)SHIFT+ REST





VIDEO TUTORIALS: www.twisted-electrons.com

(H) = Hold

**SETUP** install 2 fresh AAA batteries (be careful of their orientation!) or connect a micro-USB cable.

BATTERY MODE set the power switch to the right position to power the synth from the batteries.

**USB-POWER MODE** set the power switch to the left position to disconnect the batteries and draw power from an optional micro-USB cable.

**CONNECTIVITY** the left jack is for input and the right jack is for output.

**SYNC MODES** the output and input jacks have different functions depending on the SYNC MODE. hold SLIDE and press KEYS 1 to 6 to select from the 6 following modes:

Mode0	input stereo	output stereo
Mode1	input stereo	output mono/sync
Mode2	input sync	output stereo
Mode3	input sync	output mono/sync
Mode4	input mono/sync	output stereo
Mode5	input mono/sync	output mono/sync

When mono/sync is active the left channel (tip) will send or recieve click track and the right channel (ring) will send or recieve audio.

## **CREATE PATTERNS** 3 ways to create

- -step by step: when not running simply play a sequence of keys. The step will advance on each key press.
- -step edit: when running change the selected step by holding shift and pressing the step < and > buttons, and change the note with the keys.
- -live record (real time): activate record by holding shift and pressing and releasing run without releasing shift. Now the key LEDS are flashing and you can punch in notes when the sequencer is running. Repeat the procedure to deactivate record.

**COPY/PASTE** Hold slide and press octto copy and oct+ to paste a pattern

**CHANGE PATTERN** you have 16 patterns to choose from. Hold shift and press pat < and > keys to change the current pattern.

**CHAIN PATTERNS** change pattern multiple times with sequencer running without releasing shift to chain up to 16 different patterns to create a song.

TRANSPOSE PLAYBACK you can change the key of the playback by holding run and pressing any keys 1 to 12.

KEY CHANGE SEQUENCE record a sequence of up to 16 key changes by holding run and pressing a sequence of keys 1 to 12

## **REST/UNREST ALL, CLEAR &**

**RANDOM** hold shift and press rest multiple times (without releasing shift) to turn on rest for all steps, then off for all steps, press rest a third time to reset the entire pattern. Press rest a 4th time to randomize the pattern.

**CHANGE WAVEFORM** hold shift and press square, saw or triangle to cycle through the 4 flavors of each waveform: Normal, Distorted, Fat and Harmonized.

**CHANGE TEMPO** hold shift and press tempo multiple times to tap the tempo

**APPLY SWING** hold shift and tempo. Now the accent knob adds swing to the groove.

**SHORTEN PATTERN** you can make the pattern reset at a specific step to shorten

Hold run and shift then press rest to make a step reset.

APPLY ARP, WOBBLE & CRUSH FX hold shift and press arp, w or crush to toggle the fx on or off.

**MONITOR MODE** hold rest and press play, to toggle the monitor mode on or

