

### Notes

The button directly below **Knob B** is referred to as **Func** and the button directly below **Func** as **Effect**.

With **Write** mode enabled:

(SS) = Step Sequence Edit (with playback stopped)

(LR) = Live Record (with playback started)

### Misc Functions

**Set Time** After inserting batteries, rotate **Knob A** for Hours. Rotate **Knob B** for Minutes. Press any key to confirm/exit

**Set Alarm** Hold **Sound**, Press **Pattern**. Rotate **Knob A** for Hours (all the way left to disable). Rotate **Knob B** for Minutes. Press **1-16** to set pattern for alarm

**Set Volume** Hold **BPM**, Press **1-16** (low-high).

**Stop Alarm** Press any key.

**Factory Reset** Hold **Record** and **Pattern** while inserting Batteries

### Sync Modes

Mode	Input	Output
SY0	Stereo	Stereo
SY1	Stereo	Mono/Sync
SY2	Sync	Stereo
SY3	Sync	Mono/Sync
SY4	Mono/Sync	Stereo
SY5	Mono/Sync	Mono/Sync

To toggle Sync Modes: Hold **Func**, Press **BPM**.

Typical setup: SY1 -> SY5 (multiple) -> SY4  
Set first & middle POs' volume to 9, last volume to 16.

### Device Specific Keys

Device	Func	Edit
PO12 Rhythm	Func	FX
PO14 Sub	Key	Style
PO16 Factory	Key	Style
PO20 Arcade	Chord	X

### Device Specific Keys (cont)

PO24 Office	Solo	FX
PO28 Robot	Glide	FX
PO32 Tonic	Accent	FX
PO33 KO	Record	FX
PO35 Speak	Record	FX
PO137 R&M	Record	FX

### Creating Patterns

**Copy Pattern** Hold **Write**, Press **Pattern**, then **1-16** to copy active pattern to target pattern

**Clear Pattern** Hold **Func**, Press **Pattern**

**Select Sound** Hold **Sound**, Press **1-16**.

(SS) **Toggle Write Mode** With Playback stopped, press **Write**

**Write Mode**

(SS) **Add a Note** Press **1-16**

(SS) **Set Note Value** Hold Step **1-16**, Turn **Knob A**

(SS) **Set Note Length** Hold Step **1-16**, Turn **Knob B**

(LR) **Add a Note** Hold **Write** and play notes **1-16**

(LR) **Parameter Lock** Hold **Write**, Turn **Knob A** and/or **Knob B**

(LR) **Clear Parameter Lock** Hold **Write**, Turn knobs once only

**Parameter Lock**

(LR) **Effects** Hold **Effect**, Press **1-16**

(LR) **Clear Effects** Hold **Effect** for length of pattern

**Effects**

**Note:** Effects on the PO2X also work in Live mode (Playback stopped). These effects can be toggled.

**Note:** Effects on the PO33, and PO35/137

### Playback

**Play Pattern** Hold **Pattern**, Press **1-16**

**Chain Pattern** Hold **Pattern**, Press multiple **1-16** buttons in sequence

**Cycle BPM** Press **BPM** to cycle between HipHop/80, Disco/120, Techno/140

**Set BPM** Hold **BPM**, Turn **Knob B** (60-240).

**Set Swing** Hold **BPM**, Turn **Knob A**

**Note:** When using multiple POs synced together, press **Play** on "slave" POs to arm Playback. Press **Play** on "master" PO to start Playback on all armed POs

### Live Play

#### With Playback stopped...

**Select Sound** Hold **Sound**, Press **1-16**.

**Play Sound** Press **1-16**.

PO14 Sub  
PO16 Factory  
PO28 Robot  
PO35 Speak / PO137 R&M

**Drum Bank** Sound **16**. This drum kit plays different sounds for different note values and has only one voice.

PO28 Robot

**Toggle Octave** With sound **1-7** or **9-15** selected, Press **Sound**

### PO-1X Series

work  
slightly different. Press **1-15** (PO33) or **9-15** (PO35/137) to activate. If Write is enabled, effect will be saved to the pattern. Hold **Effect**, Press **16** to clear.

	PO12 Rhythm
(LR) Step	Hold <b>1-16</b> , Press <b>BPM</b> multiple times to retrigger step 2,
Retrig	3, 4, 6, or 8 times
	PO 14 Sub
	PO16 Factory
(LR) Add	Hold <b>Func</b> , Press <b>1-16</b>
Playst- yles	
(LR) Clear	Hold <b>Func</b> for length of pattern.
Playst- yles	



By **Fiddly**  
[cheatography.com/fiddly/](http://cheatography.com/fiddly/)

Not published yet.  
Last updated 4th March, 2020.  
Page 1 of 3.

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### PO-2X Series

#### PO-20 arcade

(LR) Hold Func, Press 1-16 (up to Play 128 times)

Chord

Chains

(LR) Hold Func, Turn Knob A and/or Drone Knob B.

(LR) During playback, Hold Effect, Fade Press Play

Out

(LR) Hold 1-16, Press BPM multiple Step Retrig times to retrigger step 2, 3, 4, 6, or 8 times.

#### PO-24 office

(LR) Hold 1-16, Press BPM multiple Step Retrig times to retrigger step 2, 3, 4, 6, or 8 times

Solo Play During playback, hold Func, Press 1-16 to solo that sound

#### PO-28 robot

Auto Vibrato During playback, hold Func, Turn Knobs A & B (A: Depth (left = off), B: Rate)

Glide during live playing While playing notes, hold Func and play a note to glide up to that note. Hold Func and release a note to glide down

Record Glide With Write enabled, hold a lit step 1-16, Press Func to glide up on that step. Hold an unlit step 1-16, Press Func to glide down

### PO3X Series

#### PO-32 tonic

Accent during Playback Hold Func, Press 1-16.

(SS) Select step 1-16, Hold Func, Accent Press 1-16. step edit

Receive Data (from uTonic) Hold Func, Press Sound.

#### PO-33 K.O!

Record Sound Hold Func, Hold 1-16, speak in to mic or use line-in

Note: You get 40 seconds of recording time total on the PO-33

Delete Sound Hold Func, Press Sound.

Sound Tweak Press Effect to toggle Knob A & B between:

- pitch & volume

- high/low-pass filter & resonance

- start point & length of sound

Copy Sound Hold Write, Press Sound, Press 1-16 to copy current-selected sound to target sound

Copy last triggered slice Hold Write, Press Sound, Press 9-16. Press 1-16.

#### PO-35 speak

Record Sound Hold Func, Hold 1-15, use mic or line-in

Note: You get 8 seconds of recording time for each sound

Sound Tweak Press Effect to toggle Knob A & B between:

- pitch & formant

- start point & speed

### PO3X Series (cont)

Change Voice Hold Effect, Press 1-8. If Write is enabled, voice change is saved to pattern.

Transpose Hold Pattern, Turn Knob A.

Scale Hold Pattern, Turn Knob B