

### 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 Specific Keys (cont)

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**

(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

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

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

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

### Playback

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

**Chain Patterns** 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

Device	Func	Edit
PO12 Rhythm	Funct	FX
PO14 Sub	Key	Style
PO16 Factory	Key	Style
PO20 Arcade	Chord	X
PO24 Office	Solo	FX

**Note:** Effects on the PO33, and PO35/137 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	
<b>(LR) Step Retrig</b>	Hold <b>1-16</b> , Press <b>BPM</b> multiple times to retrig step 2, 3, 4, 6, or 8 times
PO 14 Sub PO16 Factory	
<b>(LR) Add Playstyles</b>	Hold <b>Func</b> , Press <b>1-16</b>
<b>(LR) Clear Playstyles</b>	Hold <b>Func</b> for length of pattern.



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

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

Sponsored by **CrosswordCheats.com**  
 Learn to solve cryptic crosswords!  
<http://crosswordcheats.com>

PO-2X Series		PO3X Series		PO3X Series (cont)	
PO-20 arcade		PO-32 tonic		Transpose	Hold Pattern, Turn Knob A.
(LR) Play Chord Chains	Hold Func, Press 1-16 (up to 128 times)	Accent during Playback	Hold Func, Press 1-16.	Scale	Hold Pattern, Turn Knob B
(LR) Drone	Hold Func, Turn Knob A and/or Knob B.	(SS) Select step edit	Select step 1-16, Hold Func, Press 1-16.		
(LR) Fade Out	During playback, Hold Effect, Press Play	Receive Data (from uTonic)	Hold Func, Press Sound.		
(LR) Step Retrigger	Hold 1-16, Press BPM multiple times to retrigger step 2, 3, 4, 6, or 8 times.	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		
PO-24 office		Copy Sound	Hold Write, Press Sound, Press 1-16 to copy current-selected sound to target sound		
(LR) Step Retrigger	Hold 1-16, Press BPM multiple times to retrigger step 2, 3, 4, 6, or 8 times	Copy last triggered slice	Hold Write, Press Sound, Press 9-16. Press 1-16.		
Solo Play	During playback, hold Func, Press 1-16 to solo that sound	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		
PO-28 robot		Change Voice	Hold Effect, Press 1-8. If Write is enabled, voice change is saved to pattern.		
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 step1- 16, PressFunc to glide up on that step. Hold an unlit step 1-16, Press Func to glide down



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

Not published yet.  
Last updated 4th March, 2020.  
Page 2 of 4.

Sponsored by [CrosswordCheats.com](http://CrosswordCheats.com)  
Learn to solve cryptic crosswords!  
<http://crosswordcheats.com>