Pocket Operators Cheat Sheet

by Fiddly via cheatography.com/119033/cs/21931/

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	
(LR) Step Retrig	Hold **1-16**, Press **BPM** multiple times to retrig step 2, 3, 4, 6, or 8 times
PO 14 Sub **PO16 Factory**	
(LR) Add Playstyles	Hold **Func**, Press **1-16**
(LR) Clear Playstyles	Hold **Func** for length of pattern.

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Not published yet.
Last updated 4th March, 2020.

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PO-2X Series

PO-20 arcade	
***(LR)* Play Chord Chains**	Hold Func, Press 1-16 (up to 128 times)
(LR) Drone	Hold Func , TurnKnob A and/or Knob B.
(LR) Fade Out	During playback, Hold Effect, Press Play
(LR) Step Retrig	Hold 1-16, Press BPM multiple times to retrig step 2, 3, 4, 6, or 8 times.
PO-24 office	
(LR) Step Retrig	Hold 1-16, Press BPM multiple times to retrig 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 payback, hold Func, Turn Knobs A & B (A: Depth (left = off), B: Rate)

PO3X Series

PO-32 tonic	
Accent during Playback	Hold Func, Press 1-16.
(SS) Accent step edit	Select step 1-16, HoldFunc, Press 1-16.
Receive Data (from uTonic)	Hold Func, PressSound.
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, PressSound.
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, PressSound, Press 1-16 to copy current-selected sound to target sound
Copy lasttr-iggered slice	Hold Write, PressSound, 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
Change Voice	Hold Effect, Press 1-8. IfWrite is enabled, voice change is saved to pattern.

PO3X Series (cont)

Transpose	Hold Pattern, Turn Knob A.
Scale	Hold Pattern, Turn Knob B

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

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