

po-32 tonic

QUICK REFERENCE CHEATSHEET

pocket operator · teenage.engineering

HARDWARE CONTROLS

| CONTROL | FUNCTION |
|-----------|--|
| keys 1-16 | sounds / patterns / fx / steps / volume |
| knob A | param 1 / swing / hours (context) |
| knob B | param 2 / tempo / minutes (context) |
| sound | hold + key to select sound; hold sound+hold key = solo |
| pattern | hold + key to select / chain |
| fx | hold + key to toggle effect |
| bpm | cycle presets; hold + knobs to fine-tune |
| write | enter write / record mode |
| acc | accent: hold + key during play or write |
| play/stop | start and stop sequencer |

CHANNELS (COLUMNS 1-4)

keys 1-16 are in 4 columns of 4.
hold 1-16 while playing (not in write) = mute that channel.
multiple channels mutable simultaneously.

TEMPO

| HIP HOP | DISCO | TECHNO |
|---------|-------|--------|
| 80 | 120 | 140 |

hold **bpm** + knob B = fine-tune (60-240 BPM)
hold **bpm** + knob A = swing
hold **bpm** + 1-16 = volume (caution above 5 w/ headphones)

SOUNDS (HOLD SOUND + KEY)

| | | | |
|-----------------------|----------------|--------------------------|-----------------------|
| 1 Kick 1 | 2 Snare 1 | 3 Shaker / Zap | 4 LFO Effect |
| 5 Kick 2 | 6 Snare 3 | 7 Hi-Hat | 8 Claves / Cowbell |
| 9 Low Tom / Kick 3 | 10 Rimshot | 11 Tambourine / Crash | 12 Hand Clap |
| 13 Bass | 14 FM Snare | 15 Cymbal | 16 High Tom |

knobs A+B shape each sound · values can be locked per step
while holding **sound**, hold key = solo that sound

EFFECTS (HOLD FX + KEY)

| | | | |
|----------------|--------------------|-------------------|------------------------|
| 1 Half Rate | 2 Distortion | 3 Squash | 4 Echo Fade |
| 5 Pitch LFO | 6 EQ Sweep | 7 Mega Morph | 8 Pitch Bend Up |
| 9 Punch | 10 6/8 Quantize | 11 Beat-Repeat | 12 Beat-Repeat Fast |
| 13 FM | 14 Granular | 15 Reverse | 16 Bouncing Ball |

hold **fx** alone (rec mode) = clear all effects
some effects are mutually exclusive

SEQUENCER & RECORDING

BASICS

| | |
|-------------------|-------------------------|
| play/stop | start / stop |
| write | write mode (REC on LCD) |
| keys 1-16 (write) | enter / remove steps |
| 16 patterns | each with 16 steps |
| max chain | up to 64 patterns |

LIVE RECORD

hold **write** + key (playing) in live (quantized)

PARAMETER LOCK

| | |
|---------------------------|--------------------------------|
| hold write + knobs | automate param across timeline |
| hold step + knobs | lock A/B to that specific step |

ACCENT & MUTE

| | |
|--------------------|------------------------------|
| acc + 1-16 | toggle accent on that step |
| hold key (playing) | mute that channel (cols 1-4) |

STEP MULTIPLIER

| | |
|---------------|-----------------------|
| hold step + M | cycle step multiplier |
|---------------|-----------------------|

PATTERNS & CHAINS

| | |
|--------------------------------------|-------------------------|
| hold ptn + key | select pattern |
| hold ptn + sequence | chain up to 64 patterns |
| hold write + ptn + key | copy pattern to slot |
| acc + ptn | clear active pattern |

po-32 tonic

COMBOS · DATA TRANSFER · SYNC · SPECS

page 2 of 2

ALL BUTTON COMBINATIONS

| COMBINATION | ACTION |
|--|--|
| hold sound +1-16 | select sound |
| hold sound , then hold 1-16 | solo that sound |
| hold ptn +1-16 | select pattern |
| hold fx +1-16 | toggle effect on/off |
| hold fx (rec mode, no key) | clear all effects |
| press bpm | cycle presets (80 / 120 / 140) |
| hold bpm +knob B | fine-tune tempo (60-240 BPM) |
| hold bpm +knob A | adjust swing |
| hold bpm +1-16 | set master volume (caution above 5) |
| press write | enter write / record mode |
| hold write +1-16 (playing) | live punch-in recording (quantized) |
| hold write +knobs | param lock / automate |
| hold step+knobs | param lock that specific step |
| acc +1-16 | toggle accent on step |
| hold 1-16 while playing | mute channel (columns 1-4) |
| hold step+M | cycle step multiplier |
| hold ptn +sequence of keys | chain patterns (up to 64) |
| hold write + ptn +1-16 | copy pattern to slot |
| acc + ptn | clear active pattern |
| acc + bpm | toggle sync mode (cycles SY0-SY5) |
| sound + bpm | check battery status |
| write + sound | transmit patch data via audio out |
| acc + sound | receive patch data (mic or line-in) |
| hold ptn + write at battery insert | factory reset |
| CLOCK & ALARM | |
| on startup | knob A = hours · knob B = minutes · any key to confirm |
| set alarm | hold sound + ptn → knobs for time → key to set pattern |
| disable alarm | set alarm, turn knob A all the way down |
| reset clock | remove batteries and restart |

DATA TRANSFER (UNIQUE TO PO-32)

| ACTION | PROCEDURE |
|----------------|--|
| transmit | write + sound - data audio plays from speaker / line-out |
| receive (mic) | acc + sound on receiver · hold transmitter near its mic |
| receive (line) | connect line-out to line-in · acc + sound on receiver |
| backup | connect line-out to recorder · write + sound |

SYNC & CONNECTIVITY — HOLD ACC + BPM TO CYCLE

| MODE | INPUT | OUTPUT |
|------|-------------|------------------|
| SY0 | stereo | stereo (default) |
| SY1 | stereo | mono + sync |
| SY2 | sync | stereo |
| SY3 | sync | mono + sync |
| SY4 | mono + sync | stereo |
| SY5 | mono + sync | mono + sync |

3.5mm stereo cable · audio: right ch · sync: left ch · master = SY1/SY3 · slave = SY2/SY4

SPECS & POWER

| | |
|----------------|--|
| sounds | 16 synthesized drums |
| effects | 16 |
| patterns | 16 × 16 steps |
| max chain | 64 patterns |
| BPM range | 60-240 (presets: 80 / 120 / 140) |
| channels | 4 (columns 1-4, mutable independently) |
| sync modes | 6 (SY0-SY5) |
| power | 2 × AAA batteries |
| auto power-off | 5 min idle / 60 min w/ line-in |
| built-in | mic + speaker |

sound+**bpm** = battery · factory reset: hold **ptn**+**write** at battery insert