ARPIE V6

MIDI ARPEGGIATOR - QUICK REFERENCE CARD
six4pix.com/arpie

PATN

trig pattern - edit the rhythmic pattern of note triggers that overlays the arpeggio

select pattern layer

| TR | | | | | | PT | 4- | O- | O+ | LG | FG | AC |

TR - edit trigs/mutes
PT - play through (notes as chord)
4- - transpose fourth down
O- - transpose octave down

transpose octave up - **O+**
legato (tie to next note) - **LG**
play note at full gate duration - **FG**
accent (play note at full velocity) - **AC**

PLEN

pattern length - select the number of steps in the trig pattern from 1 to 16. also controls transpose sequence rate

preferences

| H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | | AR | T1 | T0 | L1 | L0 |

H1 - H8 - options depend on selected hack header mode
AR - auto revert to PATN mode

T1 - T0 - long press time
ON/ON - longest
ON/OFF - long
OFF/ON - medium
OFF/OFF - short

L1 - L0 - LED level
ON/ON - highest
ON/OFF - high
OFF/ON - medium
OFF/OFF - low

MODE

arpeggio type   **pattern fill**

| UP | DN | UD | R1 | RA | KB | CH | | | | RA | RP | CL | AP |

UP - ascending order of pitch
DN - descending order of pitch
UD - alternating UP and DN
R1/RA - randomize order once/all
KB - order as played on keyboard
CH - polyphonic chord gate mode

randomize all pattern layers - **RA**
random play/mute/accent - **RP**
clear all layers - **CL**
all steps play, clear other layers - **AP**

options

| H2 | | SK | | | | | | | | | | | IP |

H2 - hold 2nd function (ON=transpose/OFF=lock)
SK - skip over muted notes in pattern

init patch to default - **IP**

SHFT

octave shift

| -3 | -2 | -1 | +0 | +1 | +2 | +3 | | | | | | | |

force to scale root

| C | C# | D | D# | E | F | F# | G | G# | A | A# | B | | |

SPAN

octave span

| 01 | 02 | 03 | 04 | | | | | | | | | | |

force to scale mode

| CH | IO | DO | PH | LY | MX | AE | LO | | | SK | MU | FL | SH | AL |

CH - chromatic/off   **LY** - lydian
IO - ionian   **MX** - mixolydian
DO - dorian   **AE** - aeolian
PH - phrygian   **LO** - locrian

skip out of scale notes - **SK**
mute out of scale notes - **MU**
flatten note into scale - **FL**
sharpen note into scale - **SH**
alternate flatten/sharpen - **AL**

RATE

time division

| 1 | 2D | 2 | 4D | 2T | 4 | 8D | 4T | 8 | 16D | 8T | 16 | 16T | 32 | |

clear all / all notes off

T - triplet time
D - dotted time

VELO

midi velocity

| MU | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 |

MU - mute notes / press again to use original note velocity
01 - 15 - relative velocity (to full midi velocity)

accent velocity

| 15 | 14 | 13 | 12 | 11 | 10 | 09 | 08 | 07 | 06 | 05 | 04 | 03 | 02 | 01 | MU |

MU - mute notes
01 - 15 - relative velocity (to full midi velocity)

GATE

note length

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | LG |

01 - 15 - relative note length (to whole note)
LG - play legato (tie notes)

INST

arp note insertion   **chord insertion**

| NO | HI | LO | 31 | 42 | | | | RN | m7 | M7 | C7 | Cm | CM |

NO - none	random chord - **RN**
HI - alternate with highest note	C min7 chord - **m7**
LO - alternate with lowest note	C maj7 chord - **M7**
31 - play 3 forward, 1 back	C7 chord - **C7**
42 - play 4 forward, 2 back	C minor chord - **Cm**
	C major chord - **CM**

manual chord insertion

| C | C# | D | D# | E | F | F# | G | G# | A | A# | B | C | C# | D | D# |

SYNC

int clock (CS led is OFF)

| CS | SC | | 06 | 08 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | | | TT | T- | T+ |

CS - switch to external clock source	**TT** - tap tempo
SC - send clock to midi out	**T-** - reduce tempo
06-22 - set tempo (060 - 220 bpm)	**T+** - increase tempo

ext clock (CS led is ON)

| CS | SC | | | | | | | | | SP | ST | CT |

CS - switch to internal clock source	**SP** - manual transport stop
SC - send clock to midi out	**ST** - manual transport start
	CT - manual transport continue

midi settings

| FC | FN | TC | IC | SC | NM | VK | LO | | | | | | RS |

FC - thru chan msg on input chan	**NM** - do not thru chan mode msg
FN - thru note on input chan	**VK** - volca keys velocity mode
TC - thru chan msg on other chan	**LO** - send midi local off
IC - accept ext clock from midi in	**RS** - resync beat count
SC - accept ext clock from sync in	

CHAN

output midi channel

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

input midi channel

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

press any channel button twice for OMNI mode

TRAN

chromatic transpose

| -3 | -2 | -1 | +0 | +1 | +2 | +3 | +4 | +5 | +6 | +7 | +8 | +9 | 10 | 11 | 12 |

transpose sequencer
hold TRAN button and press a sequence of transpose buttons
transpose sequence runs at rate defined by the PLEN setting

HOLD

toggle chord hold on/off
midi transpose - use external midi keyboard to transpose arpeggio
midi lockout - ignore incoming midi notes and just thru them to
output (use long press MODE to select transpose or lockout function)

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firmware version display
keep HOLD pressed at power on
settings reset
press MODE while version displayed
hack header mode
press while version displayed:

| NO | CT | SY | CV | ME | | |

NO - none
CT - control tab
SY - sync tab
CV - cv tab
ME - memo tab

with cv tab or memo tab installed:
load patch - HOLD+PATN
save patch - HOLD+PLEN
clear patch - HOLD+MODE
followed by slot 1-16

hack header settings for cv tab
(long press PLEN)

| DV | AC | HZ | | | |

DV- 8th (ON) or 16th clock*
AC- accent (ON) or clock output
HZ - hz/volt (ON) or 1v/oct cv scaling
*also for sync tab