KIWI-106 v100 Menu Structure

Menu Level $00
Page 1
Default @ power on

SET PAGE
MIDICH BUTTON Pressed & Held
$c0
BANK 1-5 To set Page 1-5
$c0-$c4
MIDICH BUTTON Released
Also Acts as Midi Panic

PAGE 1 - NORMAL PLAY / ARPEGGIATOR

PAGE 1
NORM PLAY / ARP
LFO Controls Edit LFO1
ENV Controls Edit ENV1
LFO/MAN Switch uses LFO1
(Arp Clock Shows on KeyT Button Light)

$00

MANUAL MODE
Manual Button
Loads all front panel settings into Edit Buffer
Set all controls to 'Live'

SET GROUP
Group Button Pressed and Held
$04
Bank/Patch Button
Bank 1-8 sets Group 1-8
Group Button Released

LOAD TONE
Bank/Patch Buttons
Load Tone -> Working Buffer
Uses Currently Selected Group
Set Menu Level back to 00
Each Group has 64 tones
1-1 -> 8-8

SAVE TONE
Write Button Pressed
$01
Bank/Patch Buttons
Select Group & Bank
Tone is saved when Patch Button is Pressed
Protect must be off
if Protect on flash 'Er' on Display

SET KEY MODE/CHORD
Poly I Button Pressed and Held
$0f
LFO Delay sets Detune Amount
Bank Buttons
Bank 1 = Poly 1
Bank 2 = Poly 2
Bank 3 = Unison Legato
Bank 4 = Unison Stacatto
Bank 5 = Mono Legato
Bank 6 = Mono Stacatto
Bank 8 = Detune Uni/Poly
Poly I Button Released
If key(s) pressed or Held
Set Chord

HOLD
Poly II Button
Toggle Hold Mode
Poly II Light On = Hold On

KEY TRANSPOSE/LFO WAVE DETUNE/MASTER CLOCK RATE
KeyT Button Pressed and Held
$02
Press Bank 1-8 for LFO1 Wave Shape
Press Patch 1-7 for LFO2 Wave Shape
See Table
Press Note to Select Key Transpose
Range +- 2 Octaves (4 Octaves in total)
LFO Rate sets Master Clock Rate
KeyT LED Displays Rate
Press POLY II to toggle clock display
KeyT Button Released
Set Menu Level back to $00

ARP ON/OFF
SAVE Button Pushed
Toggle Arp Mode
Save Light On = Arp On

ARP MODE
VERIFY Button Pushed
Select Arp mode
Rotates around four options
1 - Up - Light Off
2 - Down - Light On
3 - Up & Down - Light Blinking
4 - Random - Light Fast Blinking

ARP RANGE
LOAD Button Pushed
Select Arp Range
Rotates around three options
1 - 1 Octave - Light Off
2 - 2 Octaves - Light On
3 - 3 Octaves - Light Blinking

MIDI PANIC
MIDICH Button Pushed
Stop All Sounding Voices

PAGE 2 - SEQUENCE PLAY/EDIT

PAGE 2
SEQUENCE
LFO Controls Edit LFO2
ENV Controls Edit ENV2
LFO/MAN Switch uses LFO2
(Seq Clock Shows on KeyT Button Light)

$20

LOAD SEQUENCE
Patch Buttons 1-8
Load Seq -> Working Buffer

SET KEY MODE/CHORD
Poly I Button Pressed and Held
$2f
LFO Delay sets Detune Amount
Bank Buttons
Bank 1 = Poly 1
Bank 2 = Poly 2
Bank 3 = Unison Legato
Bank 4 = Unison Stacatto
Bank 5 = Mono Legato
Bank 6 = Mono Stacatto
Bank 8 = Detune Uni/Poly
Poly I Button Released
If key(s) pressed or Held
Set Chord

HOLD
Poly II Button
Toggle Hold Mode
Poly II Light On = Hold On

KEY TRANSPOSE/LFO WAVE DETUNE/MASTER CLOCK RATE
KeyT Button Pressed and Held
$22
Press Bank 1-8 for LFO1 Wave Shape
Press Patch 1-7 for LFO2 Wave Shape
See Table
Press Note to Select Key Transpose
Range +- 2 Octaves (4 Octaves in total)
LFO Rate sets Master Clock Rate
KeyT LED Displays Rate
LFO Delay sets Detune Amount
Press POLY II to toggle clock display
KeyT Button Released
Set Menu Level back to $00

SEQ PLAY/STOP
SAVE Button Pushed
Toggle Seq Play
Save Light On = Seq Play On

EDIT/CREATE SEQUENCE
WRITE Button Pushed
Seq Step # Slow Flash
Protect must be off
if Protect on flash 'Er' on Display

NOTE(s)
Key(s) Pushed
Write Seq Step
Inc Seq Step

REST
Bank 1 Pushed
Write Blank Seq Step
Inc Seq Step

TIE
Bank 2 Pushed
Repeat Last Seq Step
Inc Seq Step

$24

STEP
Bank 3 or 4 Pushed
Move Backward/Foreward 1 Step

SET LENGTH
Bank 5 Pushed
Set Seq Length to Current Step

OVERDUB
Bank 6 Pushed
During Note Entry

INSERT STEP
Bank 7 Pushed
During Note Entry
will insert step at current posn

DELETE STEP
Bank 8 Pushed
will delete step at current posn

ERASE SEQ
LOAD Button Pushed
$26
Patch Button 1-8
Set Seq to Erase
$27
Write Pushed
Erase Seq
Protect must be off
if Protect on flash 'Er' on Display
ABORT
LOAD Button Pushed
Set Menu Level back to $20
ABORT
LOAD Button Pushed
Set Menu Level back to $20

SAVE
Write Pushed
Protect must be off
if Protect on flash 'Er' on Display
$25
Patch Button 1-8
Save Seq -> Memory
Set Menu Level back to $20

EXIT/ABORT
Verify Pushed
Set Menu Level back to $20
Verify or Write Pushed
Abort
Set Menu Level back to $20

MIDI PANIC
MIDICH Button Pushed
Stop All Sounding Voices

PAGE 3 - PATTERN PLAY/EDIT

PAGE 3
PATTERN
LFO Controls Edit LFO2
ENV Controls Edit ENV2
LFO/MAN Switch uses LFO2
(Pattern Clock Shows on KeyT Button Light)

$40

LOAD PATTERN
Patch Buttons 1-8
Load Patt -> Working Buffer
Set Menu Level back to $40

HOLD
Poly II Button
Toggle Hold Mode
Poly II Light On = Hold On
Set Menu Level back to $40

SET KEY MODE/CHORD
Poly I Button Pressed and Held
$4f
LFO Delay sets Detune Amount
Bank Buttons
Bank 1 = Poly 1
Bank 2 = Poly 2
Bank 3 = Unison Legato
Bank 4 = Unison Stacatto
Bank 5 = Mono Legato
Bank 6 = Mono Stacatto
Bank 8 = Detune Uni/Poly
Poly I Button Released
If key(s) pressed or Held
Set Chord

KEY TRANSPOSE/LFO WAVE DETUNE/MASTER CLOCK RATE
KeyT Button Pressed and Held
$42
Press Bank 1-8 for LFO1 Wave Shape
Press Patch 1-7 for LFO2 Wave Shape
See Table
Press Note to Select Key Transpose
Range +- 2 Octaves (4 Octaves in total)
LFO Rate sets Master Clock Rate
KeyT LED Displays Rate
LFO Delay sets Detune Amount
Press POLY II to toggle clock display
KeyT Button Released
Set Menu Level back to $40

START/STOP PATTERN
SAVE Button Pushed
SAVE light will be on while pattern is playing

EDIT/CREATE PATTERN
WRITE Button Pushed
Protect must be off
if Protect on flash 'Er' on Display

PATTERN MIX
VCA Slider
This will mix the Pattern Level from zero to full

ERASE PATTERN
LOAD Button Pushed
Protect must be off
if Protect on flash 'Er' on Display and Abort
$47
Patch Button 1-8
Set Pattern to Erase
ABORT
LOAD Button Pushed
Set Menu Level back to $40
$48
Write Pushed
Erase Pattern
Protect must be off
if Protect on flash 'Er' on Display and Abort
ABORT
LOAD Button Pushed
Set Menu Level back to $40

MIDI PANIC
MIDICH Button Pushed
Stop All Sounding Voices

PATTERN STEPS
Bank / Patch Buttons
Bank/Patch Buttons
toggle Pattern Steps 1-16

SET LENGTH
LOAD Pushed
$45
Bank / Patch Button
Bank/Patch Button
Set Pattern Length 2-16
Set Menu Level back to $44

$44

SAVE
Write Pushed
Finish Pattern
Protect must be off
if Protect on flash 'Er' on Display and Abort
$46
Patch Button 1-8
Save Patt -> Memory
Set Menu Level back to $40

EXIT/ABORT
Verify Pushed
Set Menu Level back to $40
Verify Pushed
Abort
Set Menu Level back to $40

PAGE 4 - SYSEX DUMP

PAGE 4
SYSEX DUMPs
(Master Clock Shows on KeyT Button Light)

$60

Bank Button 1 — Send Currently Selected Tone — $70
Bank Button 2 — Send All Tones for Current Group (64 tones) WARNING - Large File size — $71
Bank Button 3 — Send Global Params — $72
Bank Button 4 — Send Edit Buffer — $73
Bank Button 5 — Send Currently Selected Seq — $74
Bank Button 6 — Send All Sequences WARNING - Large File size — $75
Bank Button 7 — Send Currently Selected Pattern — $76
Bank Button 8 — Send All Patterns — $77

Write Pushed
Send Current Dump to Midi
Set Menu Level back to $60

PAGE 5 - GLOBAL/PATCH EDIT

PAGE 5
GLOBAL EDITs
(Master Clock Shows on KeyT Button Light)

$80

Bank Button 1 (1) — Midi In Channel (1-16 +Omni) — $90
Bank Button 2 (2) — Midi Out Channel (1-16) — $91
Bank Button 3 (3) — Seq Out Channel (1-16) — $92
Bank Button 4 (4) — Clock Divide *** — $93
Bank Button 5 (5) — Ext Clock Mode — $94
Bank Button 6 (6) — Midi Soft Through — $95
Bank Button 7 (7) — Midi Prog Change Enable — $96
Bank Button 8 (8) — Midi CC Enable — $97
Patch Button 1 (9) — Midi Sysex Enable — $98
Patch Button 2 (10) — Midi Clock Gen Enable — $99
Patch Button 3 (11) — Arp Clock Source — $9a
Patch Button 4 (12) — Seq Clock Source — $9b
Patch Button 5 (13) — Pattern Clock Source — $9c
Patch Button 6 (14) — Pattern Destination — $9d
Patch Button 7 (15) — Dynamics Mode — $9e

ALTER USING VCA LEVEL

Display

'01-16' = Channel
'AL' = Omni

'01-16' = Channel

'01-16' = Channel

'01' = Half Note
'02' = 1/4 Note
'03' = 1/8 Note
'04' = 1/8 Half Swing
'05' = 1/8 Full Swing
'06' = 1/8 Triplets
'07' = 1/16 Note
'08' = 1/16 Half Swing
'09' = 1/16 Full Swing
'10' = 1/16 Triplets
'11' = 1/32 Note
'12' = 1/32 Triplets
'13' = 1/64 Note

'01' = Step*
'02' = 24 PPQN
'03' = 48 PPQN

'00' = Off
'01' = Input Only
'02' = Output Only
'03' = In/Out

'01' = Stop All*
'02' = Pass All
'03' = Pass Only NonCC
'04' = Stop used CC

'00' = Off
'01' = Input Only
'02' = Output Only
'03' = In/Out

'OF' = Off*
'On' = On

'OF' = Off*
'On' = On

'01' = Internal*
'02' = External
'03' = LFO2
'04' = Pattern Out**
'05' = midi

**=Not available for Pattern Clock

'01' = VCF Only
'02' = VCA Only*
'03' = Both

'00' = Off
'01' = VCF/VCA 30%
'02' = VCF/VCA 60%
'03' = VCF/VCA 100%*

* =Default Setting

***=Patch Parameter. This must be saved with the Patch or changes will be lost

Patch Button 8
FACTORY RESTORE 1 Tones (Grp1 1-1->Grp 2 8-8)
$9f
Write Pushed
Factory Restore Groups 1 & 2
Protect must be off
if Protect on flash 'Er' on Display
Set Menu Level back to $00

MIDI ONLY PARAMETERS

DCO PWM Source	LFO1/2
DCO LFO Source	LFO1/2
DCO ENV Source	ENV1/2 Norm/Inv
DCO ENV Level	Variable (0-127)
VCF LFO Source	LFO1/2
VCF ENV Source	ENV1/2
VCA LFO Amount	Variable (0-127)
VCA LFO Source	LFO1/2
VCA Mode	ENV2
Seq Load	0-8
Pattern Load	0-8
Mod Wheel Dest	DCO LFO/VCF/VCA
Aftertouch Dest	DCO LFO/VCF/VCA
Aftertouch Level	Variable (0-127)
Mod Wheel Level	Variable (0-127)

LFO WAVE / Mode Display Mode SELECT

		Display
Bank 1	LFO1 Sine	'Sn'
Bank 2	LFO1 Triangle	'rn'
Bank 3	LFO1 Square	'Sr'
Bank 4	LFO1 Saw	'SA'
Bank 5	LFO1 Rev Saw	'rS'
Bank 6	LFO1 Random	'rA'
Bank 8	LFO1&2 Normal/Plus	'nr/Pl'
Patch 1	LFO2 Sine	'Sn'
Patch 2	LFO2 Triangle	'rn'
Patch 3	LFO2 Square	'Sr'
Patch 4	LFO2 Saw	'SA'
Patch 5	LFO2 Rev Saw	'rS'
Patch 6	LFO2 Random	'r1'
Patch 7	LFO2 Random 2	'r2'
Patch 8	Display Mode	'On/OF'

Power On Options

FULL FACTORY RESTORE	TEST MODE	FIRMWARE UPDATE
Manual & Write Held WARNING! WILL ERASE ALL TONES Exit to Menu Level $00	Save Held See Manual for Details	Load Held Play update into Midi In Port Stops with SAVE lit if successful

Kiwi TECHNICS

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Note - All Buttons are Press and Release except where noted