

## UTILITY Operations

The UTILITY menu is accessible by pressing UTILITY button.

Press WRITE and select System to save any changes.

Item	Parameter	Notes
UTILITY	General	General parameters such as LCD Contrast, PTN Lock and Auto Save
	Reload	Reload the current Pattern or Kit (undo any changes)
	SAMPLE	Sample input utilities
	LED	LED brightness and Colours
	SYNC/TEMPO	Time Sync and Tempo operations
	MIDI	MIDI options such as MIDI channels and note assignment
	Sound	Configure sound settings
	MIX-OUT	Main output level settings
	Assign Out	Assignable output level settings
	EXT-IN	Set external input as MONO or STEREO
	Utility	Pattern and Kit file management and backup
	SD CARD	SD Card Format
	Information	Firmware Version

## Shift Operations

Press and hold the SHIFT button to use these functions.

SHIFT +	Function
Turn Knob	Current value shown in display
Move Fader	Current value shown in display
CTRL-SELECT	MIXER Level graphic appears in display
PTN-SELECT	Pattern Settings Menu
KIT	Kit Settings Menu
INST	Instrument Settings Menu
SAMPLE	Sample Settings Menu
WRITE	Saves current Pattern and Kit
SUB STEP	Toggles between FLAM and SUB STEP
MOTION ON	Clear Motion data from Variations
PAD 1-16	Apply weak beat at selected PAD
INST Buttons	When MUTE button is on, SOLOs the selected Instrument
AUTO FILL IN	Fill-in edit screen
TEMPO	Adjust Tuning in 0.1 steps
ENTER (x3)	Tap Tempo
COPY	Nudges note timing forward
UTILITY	Nudges note timing backward
START-STOP	Return to pattern beginning
Button A-H	Return to beginning of selected variation
VALUE Knob	Increase parameter values in steps of 10
VALUE Knob	Change SAMPLE Category (when INST is active) or Parameter Group (in PTN or KIT Menu)

In addition, SHIFT can be used in Pattern, Kit and Sample Category naming and file Exporting

SHIFT +	Function
COPY	Erase character
UTILITY	Insert character
VALUE	Switch between lower/upper case and numerals

### Pattern Operations

Function	Selector	Controller	Notes
Pattern Settings	SHIFT (HOLD)	PTN SELECT	Enter the Pattern Settings Menu
Select Pattern Bank	PTN SELECT (HOLD)	PAD 1 - 8	Select on of 8 banks
Select Pattern	PTN SELECT	PAD 1 - 16	Press two or more Pads to play consecutively
Select Variation		Button A-H	Press two or more buttons to play consecutively
Random Pattern	PTN SELECT	SAMPLE (TR-REC Flashes)	Press TR-REC
Copy Pattern	COPY (HOLD)	PTN SELECT	Select source and destination in screen
Copy Variation	COPY (HOLD)	Button A-H Source	Button A-H Destination
Copy INST Pattern	PTN SELECT (HOLD)	INST	Select source and destination in screen
Delete Pattern	PTN SELECT	CLEAR (HOLD)	Press the PAD corresponding to the pattern to be deleted
Delete Variation	CLEAR (HOLD)	Button A-H	
Delete INST Pattern	INS Button (HOLD)	CLEAR	Deletes all steps for selected Variation
Restart Pattern	SHIFT	START/STOP	Will restart the current playing pattern from the beginning
Restart Variation	SHIFT	Button A-H	Will restart the current playing variation from the beginning

### Kit Operations

Function	Selector	Controller	Notes
Kit Settings	SHIFT (HOLD)	KIT	Enter the Kit Settings Menu
Select a Kit	KIT	VALUE Knob	Press ENTER when desired kit is display on LCD screen
Change Instrument	INST	VALUE Knob	Use SHIFT and VALUE Knob to jump to instrument Category
Copy a Kit	COPY (HOLD)	KIT	Select source and destination in screen
CTRL Assignment	SHIFT (HOLD)	CTRL SELECT	Assigns CTRL knob function for all instruments.
INST Grouping	SHIFT (HOLD)	KIT	Press and hold INS button to select Master instrument.

### Instrument Operations

Function	Selector	Controller	Notes
Instrument Settings	SHIFT (HOLD)	INS	Enter the instrument settings menu
Change Instrument	INS	VALUE Knob	Use SHIFT and VALUE Knob to jump to instrument Category Use ENTER and VALUE knob to increment in steps of 10
Copy Instrument	COPY (HOLD)	INST	Select source and destination in screen
Lock Category	INS	ENTER	Disables Category change
Mute Instrument	MUTE	INST Button	Muted instruments' button goes dark

### Effect Operations

Function	Selector	Controller	Notes
Master FX	SHIFT (HOLD)	MASTER FX ON	Use VALUE Knob to select effect
Set Reverb Type	SHIFT (HOLD)	KIT	Use VALUE Knob to select REVERB, press ENTER
Set Delay Type	SHIFT (HOLD)	KIT	Use VALUE Knob to select DELAY, press ENTER
INST Reverb Level	INST (BD - RC) (HOLD)	Reverb Level	
INST DELAY Level	INST (BD - RC) (HOLD)	Delay Level	
INST FX	SHIFT (HOLD)	INS	Use VALUE Knob to select INST FX, press ENTER
Select Side Chain	SHIFT (HOLD)	KIT	Use VALUE Knob to select EXT IN, press ENTER

### Sample Operations

Item	Parameter	Values	Notes
Sample Settings	SHIFT	SAMPLE	Enter the Sample Edit Menu
Select Sample	SAMPLE	VALUE Knob	Sample is shown in display Press INST (BD - RC) to select loading destination
Delete a Sample	UTILITY SAMPLE:Delete	Select Cancel/OK	
Rename Category	UTILITY SAMPLE:Category	Select Category 01-32	Use cursor controls

### Step Recording

Function	Selector	Controller	Notes
Pattern Length	LAST	INST Button (BD - RC)	PAD 1 - 16 (Multiple Instruments can be selected)
Apply Accent	ACCENT STEP	PAD (1 - 16)	Press PAD to apply Accent
Add Sub Steps	SUB	PAD (1 - 16)	Adds sub steps for selected Instrument
Sub Step Division	SUB (HOLD)	VALUE KNOB	
Play a Flam	SHIFT (HOLD)	SUB	PAD 1 - 16 (Multiple PADS can be selected)
Play Weak Beat	SHIFT (HOLD)	PAD (1 - 16)	
Play Alt Sounds	INST (BD - RC) (HOLD)	PAD (1 - 16)	Plays alternate sounds for sounds with '/' in name
Delete Pattern Part	CLEAR (HOLD)	Instrument Button	Steps are cleared whilst CLEAR button is pressed
Delete Instrument From Pattern	INST (BD - RC) (HOLD)	CLEAR	
Play multiple variations	Button A-H (HOLD) Button A-H		Selected variations will play consecutively
Edit non-playing variation	TR-REC (HOLD)	Button A-H	

### RealTime Recording

Function	Selector	Controller	Notes
INST-REC	INST-REC	Instrument Button	Use PADS 1-11 to play and record notes
Apply Accent	ACCENT STEP	PAD (1 - 16)	Press PAD to apply Accent
Add Sub Steps	SUB	PAD (1 - 16)	Adds sub steps for selected Instrument
Sub Step Division	SUB (HOLD)	VALUE KNOB	
Play a Flam	SHIFT (HOLD)	SUB	PAD 1 - 16 (Multiple PADS can be selected)
Play Weak Beat	SHIFT (HOLD)	PAD (1 - 16)	
Play Alt Sounds	INST (BD - RC) (HOLD)	PAD (1 - 16)	Plays alternate sounds for sounds with '/' in name
Delete Pattern Part	CLEAR (HOLD)	Instrument Button	Steps are cleared whilst CLEAR button is pressed
Delete Instrument From Pattern	INST (BD - RC) (HOLD)	CLEAR	

### Motion Recording

Function	Selector	Controller	Notes
Motion Record	MOTION REC	TUNE, DECAY, CTRL REVERB, DELAY, MASTER FX CTRL	Knob values recorded in motion Sequence
Motion Record (Momentary)	MOTION REC (HOLD)	TUNE, DECAY, CTRL REVERB, DELAY, MASTER FX CTRL	Knob values recorded whilst REC button pressed
Motion Record (STEP)	TR-REC	PAD (1 -16) (HOLD)	Set Knob to desired value
Motion Play	MOTION ON		Plays recorded knob movements
Clear Motion (Any Variation)	SHIFT (HOLD)	MOTION ON	Button A- H, or VALUE knob to select ALL
Clear Motion (Playing Variation)	MOTION ON (HOLD)	CLEAR	Clear Motion data for selected variation
Clear Motion (Track)	MOTION ON (HOLD)	INST Button (BD - RC)	Clear Motion data for selected variation
Clear Motion (Knob)	MOTION ON (HOLD)	Operate Knob	Clear Motion data for selected knob

MIDI Controls	
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Control Change	Function
9	SHUFFLE
12	EXTERNAL IN LEVEL
13	EXTERNAL IN SIDE CHAIN
14	AUTO FILL-IN ON
16	DELAY LEVEL
17	DELAY TIME
18	DELAY FEEDBACK
19	MASTER FX CTRL
20	BD TUNE
21	BD ATTACK
22	BD COMP
23	BD DECAY
24	BD LEVEL
25	SD TUNE
28	SD DECAY
29	SD LEVEL
46	LT TUNE
47	LT DECAY
48	LT LEVEL
49	MT TUNE
50	MT DECAY
51	MT LEVEL
52	HT TUNE
53	HT DECAY
54	HT LEVEL
55	RS TUNE
56	RS DECAY
57	RS LEVEL
58	HC TUNE
59	HC DECAY
60	HC LEVEL
61	CH TUNE
62	CH DECAY
63	CH LEVEL
70	AUTO FILL-IN MAN
71	ACCENT
80	OH TUNE
81	OH DECAY
82	OH LEVEL
83	CC TUNE
84	CC DECAY
85	CC LEVEL
86	RC TUNE
87	RC DECAY
88	RC LEVEL
91	REVERB LEVEL
96	BD CTRL
97	SD CTRL
102	LT CTRL
103	MT CTRL
104	HT CTRL
105	RS CTRL
106	HC CTRL
107	CH CTRL
108	OH CTRL
109	CC CTRL
110	RC CTRL