

## KIT AUXILLARY

	Short Cut #
Sustain FTSW 1	1
Sustain FTSW 2	2
Bank msb Bank lsb	3,4
AfterTouch Type is	5
MonoNote Overlap	6
Multiple Hit Smoothing	7
Polyphony	8
Foot Controller 1 Assignment	9
Foot Controller 1 Minimum Effect	10
Foot Controller 1 Maximum Effect	11
Foot Controller 1 Curve	12
Foot Controller 1 Channel	13
Foot Controller 2 Assignment	14
Foot Controller 2 Minimum Effect	15
Foot Controller 3 Maximum Effect	16
Foot Controller 2 Curve	17
Foot Controller 2 Channel	18
Breath Controller Assignment	19
Breath Controller Minimum Effect	20
Breath Controller Maximum Effect	21
Breath Controller Curve	22
Breath Controller Channel	23
Reverb Select	24
Edit Controller Interface Mode	25
Warp Mode	26,27
Pitchbend Sensitivity	28
Reassign MODE	29
Reassign Polyphone	30
Reassign #	31
Reassign Octave Offset	32
Reassign Transpose AMT	33
Reassign Forced Gate	34
Reassignment Prog Change	35
Reassignment Channel	36
Reassignment Vol	37

## KIT AUXILLARY Parameters

Sustains 1 &2, 1 and R, 2 and R, 1 and 2 and R, 1, 2
Sustains 1 &2, 1 and R, 2 and R, 1 and 2 and R, 1, 2
00-127
Channel pressure, Key Pressure
Disabled, .010-.310 second
Is Not Active, Mode I Active, Mode II Active
1 Note, 2 Note
CC# 00-128 (including same CC Names)
00-127
00-127
00-11
Same as CNTRL1,Same as CNTRL2, Both Controllers,01-16
CC# 00-127
00-127
00-127
00-11
Same as CNTRL1,Same as CNTRL2, Both Controllers,01-16
CC# 00-128 (including same CC Names)
00-127
00-127
00-11
Same as CNTRL1,Same as CNTRL2, Both Controllers,01-16
No Effect, Various Reverb Presets
Both Int & Ext, Neither, External MIDI only, Internal Only
OFF/On—Vol %
OFF/On and Channel
OFF, COMBINE, REPLACE
Monophonic, Polyphonic
OO-14
OO-14
-12 to +12
OFF, Latch, 0.10-6.000 sec
NO, 00-127
00-16
NO, 00-128

Reassignment Bank LSB	38	00-127
Reassignment Polyphony	39	1 Note, 2 Note
Reassignment Interface Mode	40	Both Int & Ext, Neither, External MIDI only, Internal Only
Pitch Bend Chananel	41	01-16
Pitch Bend Routing	42	Both Int & Ext, Neither, External MIDI only, Internal Only
Slew Data Strip Rate	43	00-127
Kit Name	44 or 00	12 characters A-Z,numbers,symbols
Warp Mode P1	55	-12 to +12
Warp Mode P2	56	-12 to +12
Warp Mode Rep	57	01/03/05
Warp Mode Patterns	58	01/08/05
AutoGate Control	59	Disabled, Enabled
AutoGate Control Overlap	60	0.010-6.200 sec
Reassignment Bank MSB	61	00-127
Warp Mode P3	62	-12 to +12
Velocity Shift Point	63	00-127
Kit Controller Preset CC#	64	00-128
Kit Controller Channel	65	01/16/05
Kit Controller CC# Value	66	00-127

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## Short Cut #

## KIT AUXILLARY Parameters

AfterTouch Type is	5	Channel pressure, Key Pressure
AutoGate Control	59	Disabled, Enabled
AutoGate Control Overlap	60	0.010-6.200 sec
<i>Bank msb Bank lsb</i>	3,4	00-127
Breath Controller Assignment	19	CC# 00-128 (including same CC Names)
Breath Controller Channel	23	Same as CNTRL1,Same as CNTRL2, Both Controllers,01-16
Breath Controller Curve	22	00-11
Breath Controller Maximum Effect	21	00-127
Breath Controller Minimum Effect	20	00-127
Edit Controller Interface Mode	25	Both Int & Ext, Neither, External MIDI only, Internal Only
Foot Controller 1 Assignment	9	CC# 00-128 (including same CC Names)
Foot Controller 1 Channel	13	Same as CNTRL1,Same as CNTRL2, Both Controllers,01-16
Foot Controller 1 Curve	12	00-11
Foot Controller 1 Maximum Effect	11	00-127
Foot Controller 1 Minimum Effect	10	00-127

<b>Foot Controller 2 Assignment</b>	<b>14</b>	CC# 00-127
<b>Foot Controller 2 Channel</b>	<b>18</b>	Same as CNTRL1, Same as CNTRL2, Both Controllers, 01-16
<b>Foot Controller 2 Curve</b>	<b>17</b>	00-11
<b>Foot Controller 2 Minimum Effect</b>	<b>15</b>	00-127
<b>Foot Controller 3 Maximum Effect</b>	<b>16</b>	00-127
<b>Kit Controller CC# Value</b>	66	00-127
<b>Kit Controller Preset CC#</b>	64	00-128
<b>Kit Controller Channel</b>	65	01/16/05
<b>Kit Name</b>	44 or 00	12 characters A-Z, numbers, symbols
<b>MonoNote Overlap</b>	6	Disabled, .010-.310 second
<b>Multiple Hit Smoothing</b>	7	Is Not Active, Mode I Active, Mode II Active
<b>Pitch Bend Channel</b>	41	01-16
<b>Pitch Bend Routing</b>	42	Both Int & Ext, Neither, External MIDI only, Internal Only
<b>Pitchbend Sensitivity</b>	28	OFF/On and Channel
<b>Polyphony</b>	8	1 Note, 2 Note
<b>Reassign Octave Offset</b>	32	00-14
<b>Reassign #</b>	31	00-14
<b>Reassign Forced Gate</b>	34	OFF, Latch, 0.10-6.000 sec
<b>Reassign MODE</b>	29	OFF, COMBINE, REPLACE
<b>Reassign Polyphone</b>	30	Monophonic, Polyphonic
<b>Reassign Transpose AMT</b>	33	-12 to +12
<b>Reassignment Bank LSB</b>	38	00-127
<b>Reassignment Bank MSB</b>	61	00-127
<b>Reassignment Channel</b>	36	00-16
<b>Reassignment Interface Mode</b>	40	Both Int & Ext, Neither, External MIDI only, Internal Only
<b>Reassignment Polyphony</b>	39	1 Note, 2 Note
<b>Reassignment Prog Change</b>	35	NO, 00-127
<b>Reassignment Vol</b>	37	NO, 00-128
<b>Reverb Select</b>	24	No Effect, Various Reverb Presets
<b>Slew Data Strip Rate</b>	43	00-127
<b>Sustain FTSW 1</b>	1	Sustains 1 & 2, 1 and R, 2 and R, 1 and 2 and R, 1, 2
<b>Sustain FTSW 2</b>	2	Sustains 1 & 2, 1 and R, 2 and R, 1 and 2 and R, 1, 2
<b>Velocity Shift Point</b>	63	00-127
<b>Warp Mode</b>	26,27	OFF/On—Vol %
<b>Warp Mode P1</b>	55	-12 to +12
<b>Warp Mode P2</b>	56	-12 to +12

<b>Warp Mode P3</b>	62	-12 to +12
<b>Warp Mode Patterns</b>	58	01/08/05
<b>Warp Mode Rep</b>	57	01/03/05

## GLOBAL AUXILLARY Short Cut #      GLOBAL AUXILLARY Parameters

Permanent Memory is	1	Not Protected, Protected
MIDI IN to MIDI OUT Merge	2	Is On, Is Off
Select Data Dump Type	3	Global, All Memory, All Kits, Chains & Reassignments, Kit01-128
DataDump Receive	4	Enabled, Disabled
Threshold Adjust	5	
Incoming Program Change Receive	6	On All Channels, Is Off, Channel 1-16
To Train Pads	7	
To Train Foot Controller 1	8	
To Train Foot Controller 2	9	
To Train Breath Controller	10	
Beeper Is	11	On/Off
Screen Angle	12	Straight View, Edge View
Individual ID	13	Universal ID, 01-127
Debounce Count	14	01-120
Dampen Threshold	15	00-255
Dampen Count	16	00-255
Virtual Control Wheel B CC#	17	00-127
Virtual Control Wheel C CC#	18	00-127
Foot Control 1 Performs	19	Controller, Setup Advance, Setup Backup,
Foot Control 2 Performs	20	Controller, Setup Advance, Setup Backup,
Aftertouch Mask Count	21	01-64
Aftertouch Depth	22	00-64
Bank Select1	23	Enabled, Disabled
Incoming Channel 1 Route to	24	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 2 Route to	25	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 3 Route to	26	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 4 Route to	27	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 5 Route to	28	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 6 Route to	29	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 7 Route to	30	Both Int & Ext, Neither, External MIDI only, Internal Only

Incoming Channel 8 Route to	31	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 9 Route to	32	Both Int & Ext, Neither, External MIDI only, Internal Only
Reassign Transpose Amt	33	-12 to +12
Incoming Channel 11 Route to	34	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 12 Route to	35	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 13 Route to	36	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 14 Route to	37	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 15 Route to	38	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 16 Route to	39	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming System Message Route to	40	Both Int & Ext, Neither, External MIDI only, Internal Only
MIDI IN Prog Change Sound Map	41	Setups Map, General MIDI Map,
Tune Instrument to 440	42	-50+50 Cents
Dampen Mode Scan Count	43	0-16
Normal Mode Scan Count	44	03/16/05
Dampen Ratio	45	0-255
Chain # Screen	46	01-16
Chain Step	47	0-16
Chain Setup	48	01-128
Chain Enable	49	Disable/Enable
Reassign Number	50	01-14
Reassign K number	51	01-61
Reassign m number	52	C-2 – G8
Reassign Channel	53	01-16
Reassign Min Velocity	54	00-127
Reassign Max Velocity	55	00-127
Reassign Curve	56	01/11/05
Reassign Gate	57	0.010-6.200 sec
Groove Enabled	58	Disable/Enable
Groove Pattern	59	Various Groove Patterns
Groove Tempo	60	40-240
Groove Volume	61	00-10
Groove Routing	62	Both Int & Ext, Neither, External MIDI only, Internal Only
Virtual Control Wheel A CC#	63	00-128
Program String Names	64	Kit Names, None, Instrument Names
Fine Tuning Routing	65	Both Int & Ext, Neither, External MIDI only, Internal Only
Tune Instrument Ch	66	01/16/05
RTC Key Number	67	A#-1 -A#+1

RTC Channel	68	O1-16
RTC Controller #	69	00-127
RTC Min Value	70	00-127
RTC Max Value	71	00-127
RTC Reset Value	72	00-128
RTC Prev Cntrl Value	73	Reset, None
RTC Next Cntrl Value	74	Reset, None, Last
RTC Controller #	75	00-127
RTC Reset Value	76	00-127
Chord Mode Window	77	01-20 milliseconds
RTC Channel	78	01/16/05
To Train Pad Groups	79	
Training Results Low Level	80	
Training Results High Level	81	
Training Results Indiv Pad	82	
Adjust Threshold Backwards	83	O1-48
Adjust Threshold Forwards	84	O1-48
To Train Indiv Pad A	85	
To Train Indiv Pad B	86	
To Train Indiv Pad C	87	
To Train Indiv Pad D	88	
To Train Indiv Pad E	89	
To Train Indiv Pad F	90	
To Train Indiv Pad G	91	
To Train Indiv Pad H	92	
To Train Indiv Pad I	93	
To Train Indiv Pad J	94	
To Train Indiv Pad K	95	
To Train Indiv Pad L	96	
To Train Indiv Pad M	97	
To Train Indiv Pad N	98	
To Train Indiv Pad FO	99	
Training Breath Controller	100	

## GLOBAL AUXILLARY Short Cut #

Adjust Threshold Backwards 83

## GLOBAL AUXILLARY Parameters

O1-48

Adjust Threshold Forwards	<b>84</b>	O1-48
Aftertouch Depth	22	00-64
Aftertouch Mask Count	21	01-64
Bank Select1	23	Enabled, Disabled
Beeper Is	11	On/Off
Chain # Screen	<b>46</b>	O1-16
Chain Enable	<b>49</b>	Disable/Enable
Chain Setup	<b>48</b>	01-128
Chain Step	<b>47</b>	O-16
Chord Mode Window	<b>77</b>	01-20 milliseconds
Dampen Count	16	00-255
Dampen Mode Scan Count	<b>43</b>	O-16
Dampen Ratio	<b>45</b>	0-255
Dampen Threshold	15	00-255
DataDump Receive	4	Enabled, Disabled
Debounce Count	14	01-120
Fine Tuning Routing	<b>65</b>	Both Int & Ext, Neither, External MIDI only, Internal Only
Foot Contrl 1 Performs	19	Controller,Setup Advance,SetupBackup,
Foot Control 2 Performs	20	Controller,Setup Advance,SetupBackup,
Groove Enabled	<b>58</b>	Disable/Enable
Groove Pattern	<b>59</b>	Various Groove Patterns
Groove Routing	<b>62</b>	Both Int & Ext, Neither, External MIDI only, Internal Only
Groove Tempo	<b>60</b>	40-240
Groove Volume	<b>61</b>	00-10
Incoming Channel 1 Route to	24	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 11 Route to	34	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 12 Route to	35	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 13 Route to	36	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 14 Route to	37	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 15 Route to	<b>38</b>	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 16 Route to	<b>39</b>	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 2 Route to	25	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 3 Route to	26	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 4 Route to	27	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 5 Route to	28	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 6 Route to	29	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 7 Route to	30	Both Int & Ext, Neither, External MIDI only, Internal Only

Incoming Channel 8 Route to	31	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Channel 9 Route to	32	Both Int & Ext, Neither, External MIDI only, Internal Only
Incoming Program Change Receive	6	On All Channels, Is Off, Channel 1-16
Incoming System Message Route to Individual ID	40	Both Int & Ext, Neither, External MIDI only, Internal Only
MIDI IN Prog Change Sound Map	13	Universal ID, 01-127
MIDI IN to MIDI OUT Merge	41	Setups Map, General MIDI Map,
Normal Mode Scan Count	2	Is On, Is Off
Permanent Memory is	44	03/16/05
Program String Names	1	Not Protected, Protected
Reassign Transpose Amt	64	Kit Names, None, Instrument Names
Reassign Channel	33	-12 to +12
Reassign Curve	53	01-16
Reassign Gate	56	01/11/05
Reassign K number	57	0.010-6.200 sec
Reassign m number	51	01-61
Reassign Max Velocity	52	C-2 – G8
Reassign Min Velocity	55	00-127
Reassign Number	54	00-127
RTC Channel	50	01-14
RTC Channel	68	01-16
RTC Controller #	78	01/16/05
RTC Controller #	75	00-127
RTC Key Number	69	00-127
RTC Max Value	67	A#-1 -A#+1
RTC Min Value	71	00-127
RTC Next Cntrl Value	70	00-127
RTC Prev Cntrl Value	74	Reset, None, Last
RTC Reset Value	73	Reset, None
RTC Reset Value	72	00-128
Screen Angle	76	00-127
Select Data Dump Type	12	Straight View, Edge View
Threshold Adjust	3	Global, All Memory, All Kits, Chains & Reassignments, Kit 01-128
To Train Breath Controller	5	
To Train Foot Controller 1	10	
To Train Foot Controller 2	8	
To Train Indiv Pad A	9	
	85	

To Train Indiv Pad B	<b>86</b>
To Train Indiv Pad C	<b>87</b>
To Train Indiv Pad D	<b>88</b>
To Train Indiv Pad E	<b>89</b>
To Train Indiv Pad F	<b>90</b>
To Train Indiv Pad FO	<b>99</b>
To Train Indiv Pad G	<b>91</b>
To Train Indiv Pad H	<b>92</b>
To Train Indiv Pad I	<b>93</b>
To Train Indiv Pad J	<b>94</b>
To Train Indiv Pad K	<b>95</b>
To Train Indiv Pad L	<b>96</b>
To Train Indiv Pad M	<b>97</b>
To Train Indiv Pad N	<b>98</b>
To Train Pad Groups	<b>79</b>
To Train Pads	<b>7</b>
Training Breath Controller	<b>100</b>
Training Results High Level	<b>81</b>
Training Results Indiv Pad	<b>82</b>
Training Results Low Level	<b>80</b>
Tune Instrument Ch	<b>66</b>
Tune Instrument to 440	<b>42</b>
Virtual Control Wheel A CC#	<b>63</b>
Virtual Control Wheel B CC#	<b>17</b>
Virtual Control Wheel C CC#	<b>18</b>

01/16/05  
-50+50 Cents  
00-128  
00-127  
00-127