

TONE

11	DCO1 RANG	2'	4'	8'	16'
12	DCO1 WF	SAWT	PULS	SQUA	NOIS
13	DCO1 TUNE	-12	- 00	- +12	
14	DCO1 LFO	00	- 99		
15	DCO1 ENV	00	- 99		
21	DCO2 RANG	2'	4'	8'	16'
22	DCO2 WF	SAWT	PULS	SQUA	NOIS
23	DCO XMOD	OFF	SNC1	SNC2	XMOD
24	DCO2 TUNE	-12	- 00	- +12	
25	DCO2 FTUN	-50	- 00	- +50	
26	DCO2 LFO	00	- 99		
27	DCO2 ENV	00	- 99		
31	DCO DYNA	OFF	1	2	3
32	DCO MODE	□-1	□-1	□-2	□-2
41	MIX DCO1	00	- 99		
42	MIX DCO2	00	- 99		
43	MIX ENV	00	- 99		
44	MIX DYNA	OFF	1	2	3
45	MIX MODE	□-1	□-1	□-2	□-2
51	HPF FREQ	0	1	2	3
52	VCF FREQ	00	- 99		
53	VCF RES	00	- 99		
54	VCF LFO	00	- 99		
55	VCF ENV	00	- 99		
56	VCF KEY	00	- 99		
57	VCF DYNA	OFF	1	2	3
58	VCF MODE	□-1	□-1	□-2	□-2
61	VCA LEVEL	00	- 99		
62	VCA MODE	ENV	GATE		
63	VCA DYNA	OFF	1	2	3
64	CHORUS	OFF	1	2	
71	LFO WF	SINE	SQUA	RAND	
72	LFO DELAY	00	- 99		
73	LFO RATE	00	- 99		
81	ENV1 ATT	00	- 99		
82	ENV1 DECY	00	- 99		
83	ENV1 SUS	00	- 99		
84	ENV1 REL	00	- 99		
85	ENV1 KEY	OFF	1	2	3
91	ENV2 ATT	00	- 99		
92	ENV2 DECY	00	- 99		
93	ENV2 SUS	00	- 99		
94	ENV2 REL	00	- 99		
95	ENV2 KEY	OFF	1	2	3

MIDI

10	PATCH MEMORY CH	OFF	01	- 16
11	SYSTEM EXCLUSIVE	OFF	ON	
20	UPPER MIDI CHANNEL	01	- 16	
21	UPPER PROG CHANGE	OFF	ON	
22	UP AFTER TOUCH REC	OFF	ON	
23	UPPER LOCAL	OFF	ON	

24	UPPER BENDER	OFF	ON	
25	UPPER MODULATION	OFF	ON	
26	UPPER PORTAMENTO	OFF	ON	
27	UPPER HOLD	OFF	ON	
28	UPPER VOLUME	OFF	ON	
30	LOWER MIDI CHANNEL	OFF	ON	
31	UPPER PROG CHANGE	OFF	ON	
32	LO AFTER TOUCH REC	OFF	ON	
33	LOWER LOCAL	OFF	ON	
34	LOWER BENDER	OFF	ON	
35	LOWER MODULATION	OFF	ON	
36	LOWER PORTAMENTO	OFF	ON	
37	LOWER HOLD	OFF	ON	
38	LOWER VOLUME	OFF	ON	
61	UP MIDI CH SEND	OFF	01	- 16
62	LO MIDI CH SEND	OFF	01	- 16
63	UP PROG CHANGE SND	OFF	01	- 128
64	LO PROG CHANGE SND	OFF	01	- 128
65	LOWER VOLUME SEND	OFF	00	- 99
66	UPPER VOLUME SEND	OFF	00	- 99
67	MIDI KEY MODE	OFF	LAYER SPLIT	LOWER UPPER
68	MIDI SPLIT POINT	E1	- G7	

PATCH

11	UPPER/LOWER BAL	00	- 99	
12	DUAL DETUNE	-50	- 00	- +50
13	UPPER SPLIT POINT	E1	- G7	
14	LOWER SPLIT POINT	E1	- G7	
15	PORTAMENTO TIME	00	- 99	
16	BEND RANGE	2	- 3	- 4 - 7
17	KEY MODE	DUAL	T-VOICE	X-FADE UPWHOLE LOWHOLE SPLIT
18	TOTAL VOLUME	00	- 99	
21	AFTER TOUCH VIB	00	- 99	
22	AFTER TOUCH BRI	00	- 99	
23	AFTER TOUCH VOL	00	- 99	
31	UPPER TONE NUMBER	01	- 100	
32	UP CHROMATIC SHIFT	-24	- 00	- +24
33	UPPER KEY ASSIGN	POLY1	POLY2	UNISON1 UNISON2 MONO1 MONO2
34	UP UNISON DETUNE	-50	- 00	- +50
35	UPPER HOLD	OFF	ON	
36	UPPER LFO MOD DEPTH	00	- 99	
37	UPPER PORTAMENTO	OFF	ON	
38	UPPER BENDER	OFF	ON	
41	UPPER TONE NUMBER	01	- 100	
42	UP CHROMATIC SHIFT	-24	- 00	- +24
43	UPPER KEY ASSIGN	POLY1	POLY2	UNISON1 UNISON2 MONO1 MONO2
44	UP UNISON DETUNE	-50	- 00	- +50
45	UPPER HOLD	OFF	ON	
46	UPPER LFO MOD DEPTH	00	- 99	
47	UPPER PORTAMENTO	OFF	ON	
48	UPPER BENDER	OFF	ON	
51	CHASE PLAY LEVEL	00	- 99	
52	CHASE PLAY MODE	[U-L-U]	[U-L-L]	[U-L]
53	CHASE PLAY TIME	01	- 99	
54	CHASE PLAY SWITCH	OFF	ON	

CONTROL ASSIGN

These buttons control the C1/C2 Sliders;



C1 ASSIGN 11 U/L BAL 00 - 99
C1 ASSIGN 15 PORTA. TIME 00 - 99
C1 ASSIGN 18 TOTAL VOL 00 - 99
C1 ASSIGN 65 UP MIDIVOL 00 - 99
C1 ASSIGN 66 LO MIDIVOL 00 - 99
C2 ASSIGN 11 U/L BAL 00 - 99
C2 ASSIGN 15 PORTA. TIME 00 - 99
C2 ASSIGN 18 TOTAL VOL 00 - 99
C2 ASSIGN 65 UP MIDIVOL 00 - 99
C2 ASSIGN 66 LO MIDIVOL 00 - 99

PEDAL ASSIGN

This button is for the optional Pedal Switch functions;



PS ASSIGN PATCH SHIFT A1→A2...→A8→B1→B2...→
PS ASSIGN PORTAMENTO OFF ON
PS ASSIGN CHASE PLAY OFF ON
PS ASSIGN UPPER HOLD OFF ON
PS ASSIGN LOWER HOLD OFF ON

CHASE PLAY OFF / ON *



* Only available when a patch is set to DUAL mode
[Patch Parameter 17 KEY MODE]

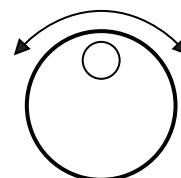
If CHASE PLAY is pressed and the KEY MODE for the current patch is set to A WHOLE, B WHOLE, SPLIT, T-VOICE or X-FADE, the KEY MODE setting will be reset to DUAL automatically

3 Modes - Patch Parameter [52 CHASE PLAY MODE]

U-L-U Tone A is played, then Tone B, then Tone A, & so on...
U-L-L Tone A is played first, then Tone B repeatedly
U-L Tone A is played first, then Tone B and then it stops

MASTER TUNE

SET



WRITE **



** The PROTECT switch must be in the OFF position

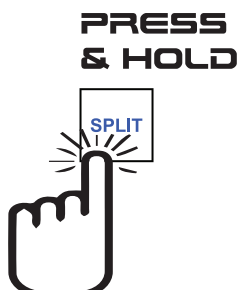
In case you were wondering...
the factory default is 437 Hz

FUNCTION DISPLAY



Pressing this button will cycle the display and show;
MIDI CHANNELS and **CONTROL CHANNELS**
TONE NAMES used in the Patch currently selected
KEY MODE used in the Patch currently selected

SET SPLIT POINT USING KEYBOARD



PLAY A NOTE
TO SET THE
SPLIT POINT