## Continuous Controllers (CCs) implemented by Yoshimi (Full details in the Advanced User Manual)

CC		Function
hex	dec	D I I MOD ( LOD)
00	0	Bank change MSB (or LSB)
01	1	Mod wheel
02	2	Breath
	 G	NDDN data MCD
06	6 7	NRPN data MSB
07	-	Volume
0A	10	(x2)
0B	11	Panning Expression
		Expression (x18)
20	32	Bank Change LSB (or MSB)
		(x5)
26	38	NRPN Data LSB
		(x25)
40	64	Sustain pedal
41	65	Portamento
•••		(x3)
44	68	Legato pedal
•••		(x2)
47	71	Filter Q
		(x2)
4A	74	Filter Cutoff
4B	75	Bandwidth
4C	76	FM Amplitude
4D	77	Resonance Center Frequency
4E	78	Resonance Bandwith
•••		(x17)
60	96	NRPN Data Increment
61		NRPN Data Decrement
62	98	NRPN LSB
63		NRPN MSB
•••		(x20)
78		All Sound Off
79	121	Reset All Controllers
		All Natas Off
7B	123	All Notes Off
• • •	• • •	(x4)

## Non Recognised Parameter Numbers (NRPNs) implemented by Yoshimi

MSB		LSB		Function
hex	dec	hex	dec	
04	4	< 05	< 5	System Effect Number
80	4	< 09	< 9	Insertion Effect Number
40	64	00	0	Direct Part Control
40	64	01	1	Vector Control
40	64	02	2	System settings
60	96	< 6	< 6	Load numbered files from history lists

Shortform types (no data bytes needed - LSB is the data)

41	0.0	< 6	< 6	Set Solo Switch Type
42		< 78	< 120	Set Solo Switch Incoming Controller
44	68	44	68	Perform normal shutdown, exit value of 0 Perform shutdown with no messages, exit value of 16
44	68	45	69	