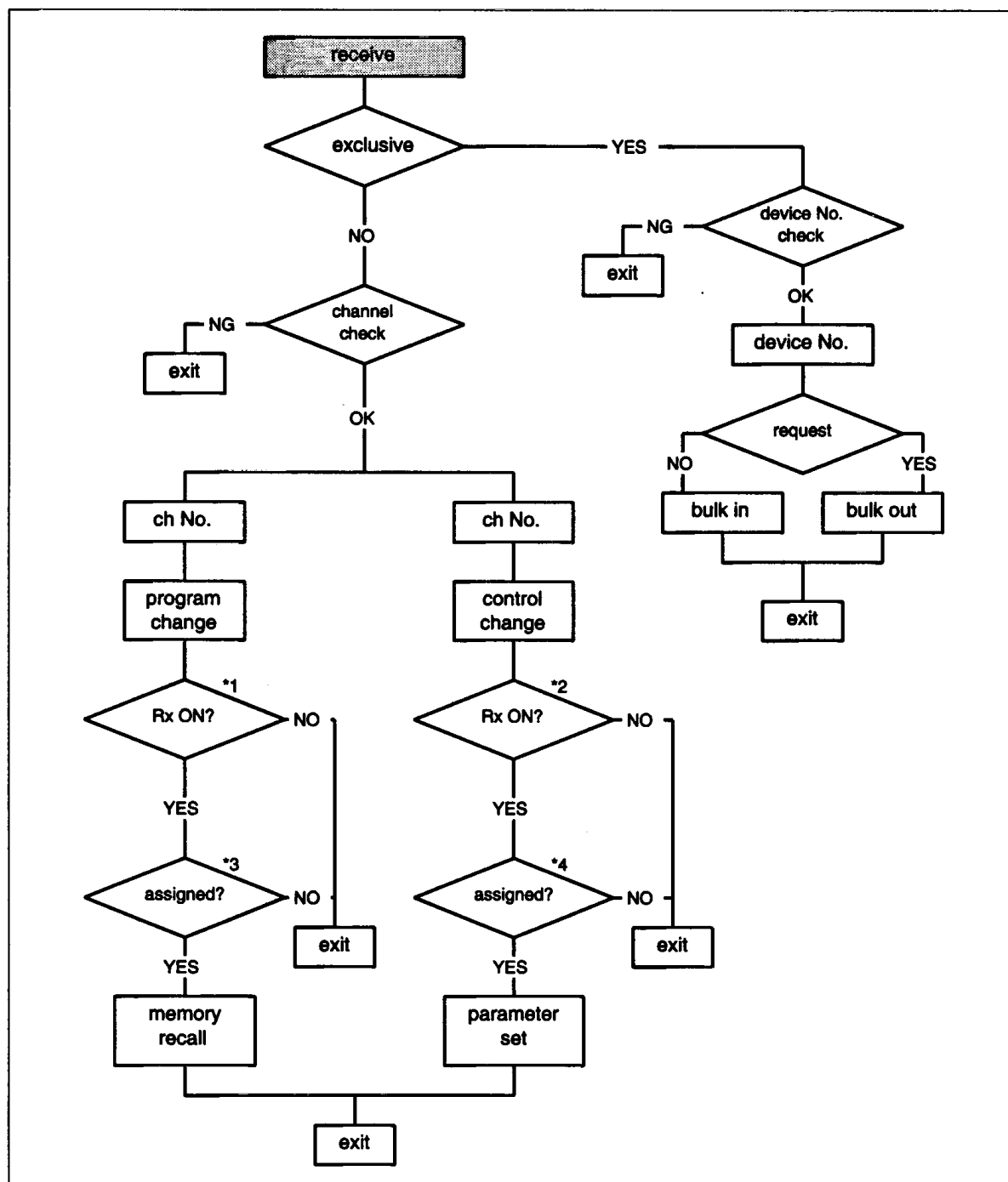


MIDI Data Format

1. Receive



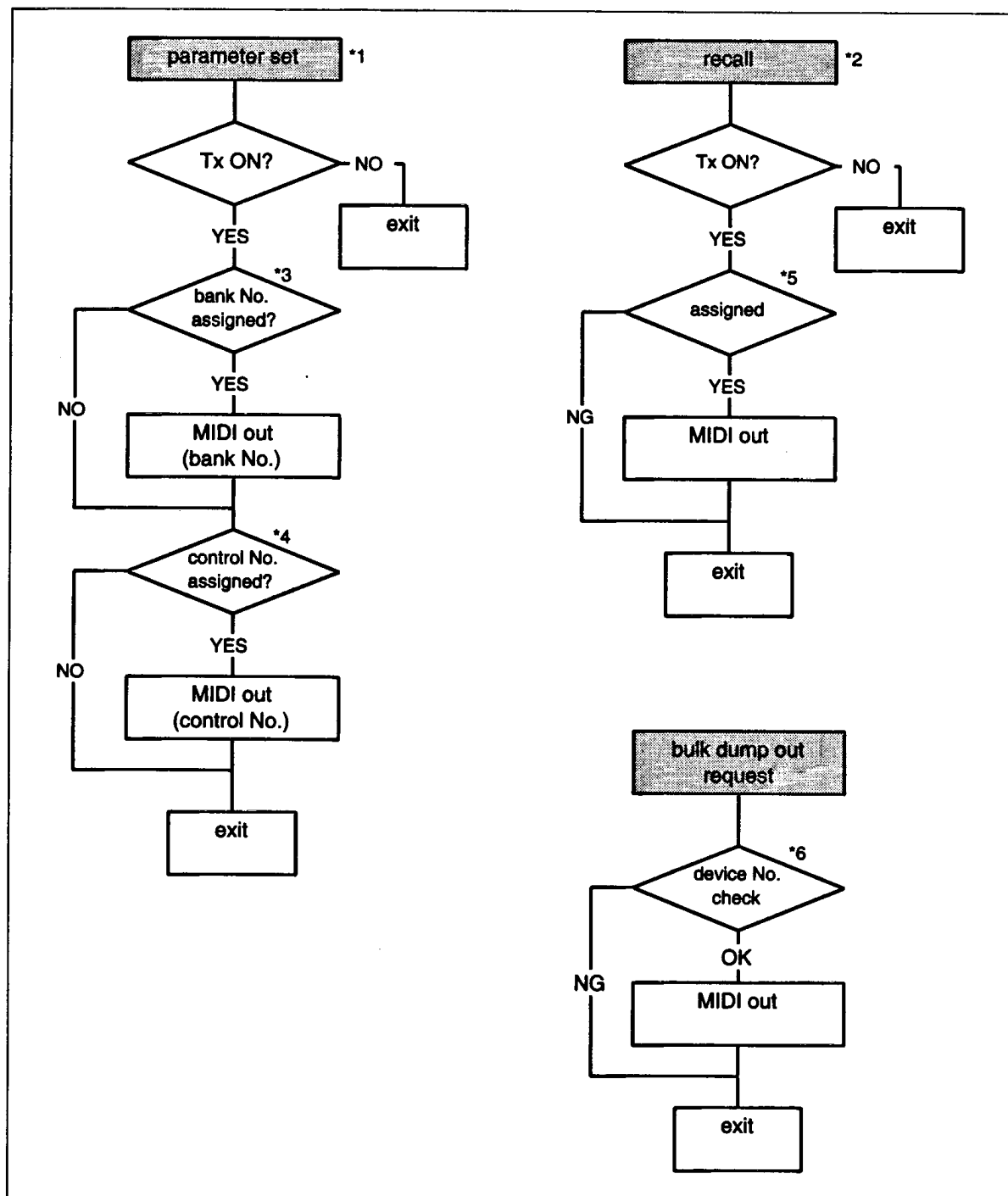
*1 Program Rx can be turned on and off. See “Basic Setup” on page 129.

*2 Control Rx can be turned on and off. See “Basic Setup” on page 129.

*3 Refer to the “MIDI Program Change Assignment Table” on page 193.

*4 Refer to the “MIDI Controller Assignment Table” on page 194.

2. Sending



*1 Parameter changed on DMC1000.

*2 Scene memory recalled on DMC1000.

*3 Refer to the "MIDI Controller Assignment Table" on page 194.

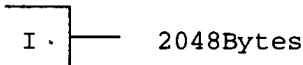
*4 Refer to the "MIDI Controller Assignment Table" on page 194.

*5 Refer to the "MIDI Program Change Assignment Table" on page 193.

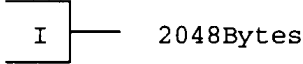
*6 When device No. is off, send is disabled.

3. Bulk Dump Format

3-1. One Internal Scene Memory Bulk Data

STATUS	11110000	F0	
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0000nnnn	0n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP
BYTE COUNT	00010000	10	(High)
BYTE COUNT	00001010	0A	(Low)
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01001101	4D	'M'
MEMORY No.	0nnnnnnnn	nn	nnnnnnnn= 1(01h)~64(40h) 127(7Fh)...EDIT BUFFER
DATA	0ddddd	dd	
	↓		
	0ddddd	dd	
CHECK SUM	0eeeeeee	ee	*1
EOX	11110111	F7	END OF EXCLUSIVE

3-2. One RAM Card (External) Scene Memory Bulk Data

STATUS	11110000	F0	
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0000nnnn	0n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP
BYTE COUNT	00010000	10	(High)
BYTE COUNT	00001010	0A	(Low)
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010010	52	'R'
BANK&MEM No.	0bbmmmm	??	bb=0 (Bank A)~1(Bank B) mmmm=0 (Memory No.0)~31 (Memory No.31)
DATA	0ddddd	dd	
	↓		
	0ddddd	dd	
CHECK SUM	0eeeeeee	ee	*1
EOX	11110111	F7	END OF EXCLUSIVE

3-3. Program Change Assignment Bulk Data

STATUS	11110000	F0	
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0000nnnn	0n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP
BYTE COUNT	00000010	02	(High)
BYTE COUNT	00001010	0A	(Low)
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010000	50	'P'
	00100000	20	' '(SPACE)
DATA	0ddddd	dd	<div style="border: 1px solid black; padding: 2px; display: inline-block;">II</div> — 256Bytes
	↓		
	0ddddd	dd	
CHECK SUM	0eeeeeee	ee	*1
EOX	11110111	F7	END OF EXCLUSIVE

3-4. Controller Assignment Bulk Data

STATUS	11110000	F0	
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0000nnnn	0n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP
BYTE COUNT	00010000	24	(High)
BYTE COUNT	00001010	0A	(Low)
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01000011	43	'C'
	00100000	20	' '(SPACE)
DATA	0ddddd	dd	<div style="border: 1px solid black; padding: 2px; display: inline-block;">III</div> — 4608Bytes
	↓		
	0ddddd	dd	
CHECK SUM	0eeeeeee	ee	*1
EOX	11110111	F7	END OF EXCLUSIVE

3-5. Setup Bulk Data

STATUS	11110000	F0	
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0000nnnn	0n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP
BYTE COUNT	00000000	00	(High)
BYTE COUNT	01100101	65	(Low)
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010011	53	'S'
	00100000	20	' '(SPACE)
DATA	0ddddddd	dd	
	↓		
	0ddddddd	dd	IV — 512Bytes
CHECK SUM	0eeeeeee	ee	*1
EOX	11110111	F7	END OF EXCLUSIVE

*1 All bits will be reversed (complement of 1) and MSB (bit 7) will be made 0, due to the exclusive OR operation from 'L' after BYTE COUNT up to, but not including CHECK SUM.

4. Bulk Dump Request

4-1. One Internal Scene Memory Bulk Data Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01001101	53	'M'
MEMORY No.	0nnnnnnnn	nn	nnnnnnnn= 1(01h)~64(40h) (127(7Fh)...EDIT BUFFER)
EOX	11110111	F7	

4-2. One RAM Card (External) Scene Memory Bulk Data Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01000011	52	'R'
BANK&MEM No.	0bbnnnnnn	??	bb=0(Bank A)~1(Bank B) nnnnnn=0(Memory No.0)~31(Memory No.31)
EOX	11110111	F7	

4-3. Program Change Assignment Bulk Data Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010000	50	'P'
	00100000	20	' '(SPACE)
EOX	11110111	F7	

4-4. Controller Assignment Bulk Data Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01000011	50	'C'
	00100000	20	' '(SPACE)
EOX	11110111	F7	

4-5. Setup Bulk Data Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010011	50	'S'
	00100000	20	' '(SPACE)
EOX	11110111	F7	

4-6. Scene Memory Store Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010111	50	'W'
MEMORY No.	0nnnnnnnn	nn	nnnnnnnn= 1 (Mem. No.1) ~64 (Mem.No.64)
EOX	11110111	F7	

* The DMC1000 outputs this request when a scene memory is stored.

4-7. Changed Setup Data Request

STATUS	11110000	F0	SYSTEM EXCLUSIVE
ID No.	01000011	43	(YAMAHA)
SUB STATUS	0010nnnn	2n	nnnn=0~15 (Device No.1~16)
FORMAT No.	01111110	7E	UNIVERSAL BULK DUMP REQUEST
	01001100	4C	'L'
	01001101	4D	'M'
	00100000	20	' '(SPACE)
	00100000	20	' '(SPACE)
	00111000	38	'8'
	00110110	36	'6'
	00110000	30	'0'
	00110110	36	'6'
DATA NAME	01010011	23	'#'
EOX	11110111	F7	

* The DMC1000 outputs this request when its setup data is changed.

This message is not sent when the setup data is changed by a MIDI Controller.

5. Bulk Dump Blocks

5-1. Scene Memory Data Block

DMC1000's 1 Memory (1024bytes)		Memory Bulk (2048bytes)
D000	↔	M0000,M0001
D001	↔	M0002,M0003
D002	↔	M0004,M0005
.		.
.		.
.		.
D1022	↔	M2044,M2045
D1023	↔	M2046,M2047
<D000-D1023		↔ M0000-M1027>
M0000 = ASCII (D000/16 and 0fh)		... High
M0001 = ASCII (D000 and 0fh)		... Low

5-2. Program Change

DMC1000's 1 Bank Table (128bytes)		Table Bulk (256bytes)
Program No.	Memory No.	
0	D000	↔ M000,M001
1	D001	↔ M002,M003
2	D002	↔ M004,M005
.	.	.
.	.	.
.	.	.
126	D126	↔ M252,M253
127	D127	↔ M254,M255
<D000-D127		↔ M000-M255>
M000 = ASCII (D000/16 and 0fh) ... Program Change No. High (0~64,255)		
M001 = ASCII (D000 and 0fh)...		Low
[Dnnn=0, 1, ..., 64, 255(not assign)]		

5-3. Controller

DMC1000's Assign Table (2304bytes)

Table Bulk (4608bytes)

Prm.No.	Bank No.	Control No.		
0	D0000	D0001	↔	M0000,M0001,M0002,M0003
1	D0002	D0003	↔	M0004,M0005,M0006,M0007
2	D0004	D0005	↔	M0008,M0009,M0010,M0011
.				.
.				.
.				.
1150	D2300	D2301	↔	M4600,M4601,M4602,M4603
1151	D2302	D2302	↔	M4604,M4605,M4606,M4607
<D0000-D2303			↔	M0000-M4607>

M0000 = ASCII (D0000/16 and 0fh) ... Bank No. High(0~11)

M0001 = ASCII (D0000 and 0fh) ... Low

M0002 = ASCII (D0000/16 and 0fh) ... Control No. High(0~95)

M0003 = ASCII (D0000 and 0fh) ... Low

5-4. Setup

DMC1000's Memory Table (256bytes)

Table Bulk(512bytes)

D000	↔	M000,M001
D001	↔	M002,M003
D002	↔	M004,M005
.		.
.		.
.		.
D254	↔	M508,M509
D255	↔	M510,M511
<D000-D255		↔ M000-M511>

M000 = ASCII (D000/16 and 0fh) ... Memory High ('0'~'f')

M001 = ASCII (D000 and 0fh) ... Low

MIDI Program Change Assignment Table

Program Change No.	Initial Scene Memory No.	User Scene Memory No.
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	
21	21	
22	22	
23	23	
24	24	
25	25	
26	26	
27	27	
28	28	
29	29	
30	30	
31	31	
32	32	
33	33	
34	34	
35	35	
36	36	
37	37	
38	38	
39	39	
40	40	
41	41	
42	42	
43	43	

Program Change No.	Initial Scene Memory No.	User Scene Memory No.
44	44	
45	45	
46	46	
47	47	
48	48	
49	49	
50	50	
51	51	
52	52	
53	53	
54	54	
55	55	
56	56	
57	57	
58	58	
59	59	
60	60	
61	61	
62	62	
63	63	
64	64	
65	65	
66	66	
67	67	
68	68	
69	69	
70	70	
71	71	
72	72	
73	73	
74	74	
75	75	
76	76	
77	77	
78	78	
79	79	
80	80	
81	81	
82	82	
83	83	
84	84	
85	85	
86	86	

Program Change No.	Initial Scene Memory No.	User Scene Memory No.
87	87	
88	88	
89	89	
90	90	
91	91	
92	92	
93	93	
94	94	
95	95	
96	96	
97	0	
98		
99		
100		
101		
102		
103		
104		
105		
106		
107		
108		
109		
110		
111		
112		
113		
114		
115		
116		
117		
118		
119		
120		
121		
122		
123		
124		
125		
126		
127		
128		

MIDI Controller Assignment Table

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
0	0	0	Input 1 level		
1	1		Input 2 level		
2	2		Input 3 level		
3	3		Input 4 level		
4	4		Input 5 level		
5	5		Input 6 level		
6	6		Input 7 level		
7	7		Input 8 level		
8	8		Monitor 1 level		
9	9		Monitor 2 level		
10	10		Monitor 3 level		
11	11		Monitor 4 level		
12	12		Monitor 5 level		
13	13		Monitor 6 level		
14	14		Monitor 7 level		
15	15		Monitor 8 level		
16	16		Bus 1 master level		
17	17		Bus 2 master level		
18	18		Bus 3 master level		
19	19		Bus 4 master level		
20	20		Bus 5 master level		
21	21		Bus 6 master level		
22	22		Bus 7 master level		
23	23		Bus 8 master level		
24	24		ST Input A level		
25	25		ST Input B level		
26	26		ST Input C level		
27	27		Stereo master level		
28	28		Input 1 bus pan		
29	29		Input 2 bus pan		
30	30		Input 3 bus pan		
31	31		Input 4 bus pan		
32	32		Input 5 bus pan		
33	33		Input 6 bus pan		
34	34		Input 7 bus pan		
35	35		Input 8 bus pan		
36	36		Monitor 1 pan		
37	37		Monitor 2 pan		
38	38		Monitor 3 pan		
39	39		Monitor 4 pan		
40	40		Monitor 5 pan		
41	41		Monitor 6 pan		
42	42		Monitor 7 pan		
43	43		Monitor 8 pan		
44	44		Input 1 aux3 pan		
45	45		Input 2 aux3 pan		
46	46		Input 3 aux3 pan		
47	47		Input 4 aux3 pan		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
48	48	0	Input 5 aux3 pan		
49	49		Input 6 aux3 pan		
50	50		Input 7 aux3 pan		
51	51		Input 8 aux3 pan		
52	52		ST Input A L-ch pan		
53	53		ST Input B L-ch pan		
54	54		ST Input C L-ch pan		
55	55		ST Input A R-ch pan		
56	56		ST Input B R-ch pan		
57	57		ST Input C R-ch pan		
58	58		Stereo master balance		
59	59		Monitor master balance		
60	60		Input 1 aux1 level		
61	61		Input 1 aux2 level		
62	62		Input 1 aux3 level		
63	63		Input 2 aux1 level		
64	64		Input 2 aux2 level		
65	65		Input 2 aux3 level		
66	66		Input 3 aux1 level		
67	67		Input 3 aux2 level		
68	68		Input 3 aux3 level		
69	69		Input 4 aux1 level		
70	70		Input 4 aux2 level		
71	71		Input 4 aux3 level		
72	72		Input 5 aux1 level		
73	73		Input 5 aux2 level		
74	74		Input 5 aux3 level		
75	75		Input 6 aux1 level		
76	76		Input 6 aux2 level		
77	77		Input 6 aux3 level		
78	78		Input 7 aux1 level		
79	79		Input 7 aux2 level		
80	80		Input 7 aux3 level		
81	81		Input 8 aux1 level		
82	82		Input 8 aux2 level		
83	83		Input 8 aux3 level		
84	84		ST Input A aux1 level		
85	85		ST Input A aux2 level		
86	86		ST Input A aux3 level		
87	87		ST Input B aux1 level		
88	88		ST Input B aux2 level		
89	89		ST Input B aux3 level		
90	90		ST Input C aux1 level		
91	91		ST Input C aux2 level		
92	92		ST Input C aux3 level		
93	93		Aux Send 1 master level		
94	94		Aux Send 2 master level		
95	95		Aux Send 3 master level		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
96	0	1	Input 1 on/off		
97	1		Input 2 on/off		
98	2		Input 3 on/off		
99	3		Input 4 on/off		
100	4		Input 5 on/off		
101	5		Input 6 on/off		
102	6		Input 7 on/off		
103	7		Input 8 on/off		
104	8		Monitor 1 on/off		
105	9		Monitor 2 on/off		
106	10		Monitor 3 on/off		
107	11		Monitor 4 on/off		
108	12		Monitor 5 on/off		
109	13		Monitor 6 on/off		
110	14		Monitor 7 on/off		
111	15		Monitor 8 on/off		
112	16		ST Input A on/off		
113	17		ST Input B on/off		
114	18		ST Input C on/off		
115	19		Input 1 aux1 on/off		
116	20		Input 2 aux1 on/off		
117	21		Input 3 aux1 on/off		
118	22		Input 4 aux1 on/off		
119	23		Input 5 aux1 on/off		
120	24		Input 6 aux1 on/off		
121	25		Input 7 aux1 on/off		
122	26		Input 8 aux1 on/off		
123	27		Input 1 aux2 on/off		
124	28		Input 2 aux2 on/off		
125	29		Input 3 aux2 on/off		
126	30		Input 4 aux2 on/off		
127	31		Input 5 aux2 on/off		
128	32		Input 6 aux2 on/off		
129	33		Input 7 aux2 on/off		
130	34		Input 8 aux2 on/off		
131	35		Input 1 aux3 on/off		
132	36		Input 2 aux3 on/off		
133	37		Input 3 aux3 on/off		
134	38		Input 4 aux3 on/off		
135	39		Input 5 aux3 on/off		
136	40		Input 6 aux3 on/off		
137	41		Input 7 aux3 on/off		
138	42		Input 8 aux3 on/off		
139	43		ST Input A aux1 on/off		
140	44		ST Input B aux1 on/off		
141	45		ST Input C aux1 on/off		
142	46		ST Input A aux2 on/off		
143	47		ST Input B aux2 on/off		
144	48		ST Input C aux2 on/off		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
145	49	1	ST Input A aux3 on/off		
146	50		ST Input B aux3 on/off		
147	51		ST Input C aux3 on/off		
148	52		Aux Send 1 master on/off		
149	53		Aux Send 2 master on/off		
150	54		Aux Send 3 master on/off		
151	55		Stereo master on/off		
152	56		Input 1 stereo bus assign		
153	57		Input 2 stereo bus assign		
154	58		Input 3 stereo bus assign		
155	59		Input 4 stereo bus assign		
156	60		Input 5 stereo bus assign		
157	61		Input 6 stereo bus assign		
158	62		Input 7 stereo bus assign		
159	63		Input 8 stereo bus assign		
160	64		ST Input A stereo bus assign		
161	65		ST Input B stereo bus assign		
162	66		ST Input C stereo bus assign		
163	67		Input 1 program bus 1 assign		
164	68		Input 1 program bus 2 assign		
165	69		Input 1 program bus 3 assign		
166	70		Input 1 program bus 4 assign		
167	71		Input 1 program bus 5 assign		
168	72		Input 1 program bus 6 assign		
169	73		Input 1 program bus 7 assign		
170	74		Input 1 program bus 8 assign		
171	75		Input 2 program bus 1 assign		
172	76		Input 2 program bus 2 assign		
173	77		Input 2 program bus 3 assign		
174	78		Input 2 program bus 4 assign		
175	79		Input 2 program bus 5 assign		
176	80		Input 2 program bus 6 assign		
177	81		Input 2 program bus 7 assign		
178	82		Input 2 program bus 8 assign		
179	83		Input 3 program bus 1 assign		
180	84		Input 3 program bus 2 assign		
181	85		Input 3 program bus 3 assign		
182	86		Input 3 program bus 4 assign		
183	87		Input 3 program bus 5 assign		
184	88		Input 3 program bus 6 assign		
185	89		Input 3 program bus 7 assign		
186	90		Input 3 program bus 8 assign		
187	91		Input 4 program bus 1 assign		
188	92		Input 4 program bus 2 assign		
189	93		Input 4 program bus 3 assign		
190	94		Input 4 program bus 4 assign		
191	95		Input 4 program bus 5 assign		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
192	0	2	Input 4 program bus 6 assign		
193	1		Input 4 program bus 7 assign		
194	2		Input 4 program bus 8 assign		
195	3		Input 5 program bus 1 assign		
196	4		Input 5 program bus 2 assign		
197	5		Input 5 program bus 3 assign		
198	6		Input 5 program bus 4 assign		
199	7		Input 5 program bus 5 assign		
200	8		Input 5 Program bus 6 assign		
201	9		Input 5 Program bus 7 assign		
202	10		Input 5 Program bus 8 assign		
203	11		Input 6 Program bus 1 assign		
204	12		Input 6 Program bus 2 assign		
205	13		Input 6 Program bus 3 assign		
206	14		Input 6 Program bus 4 assign		
207	15		Input 6 Program bus 5 assign		
208	16		Input 6 Program bus 6 assign		
209	17		Input 6 Program bus 7 assign		
210	18		Input 6 Program bus 8 assign		
211	19		Input 7 Program bus 1 assign		
212	20		Input 7 Program bus 2 assign		
213	21		Input 7 Program bus 3 assign		
214	22		Input 7 Program bus 4 assign		
215	23		Input 7 Program bus 5 assign		
216	24		Input 7 Program bus 6 assign		
217	25		Input 7 Program bus 7 assign		
218	26		Input 7 Program bus 8 assign		
219	27		Input 8 Program bus 1 assign		
220	28		Input 8 Program bus 2 assign		
221	29		Input 8 Program bus 3 assign		
222	30		Input 8 Program bus 4 assign		
223	31		Input 8 Program bus 5 assign		
224	32		Input 8 Program bus 6 assign		
225	33		Input 8 Program bus 7 assign		
226	34		Input 8 Program bus 8 assign		
227	35		ST Input A Program bus 1 assign		
228	36		ST Input A Program bus 2 assign		
229	37		ST Input A Program bus 3 assign		
230	38		ST Input A Program bus 4 assign		
231	39		ST Input A Program bus 5 assign		
232	40		ST Input A Program bus 6 assign		
233	41		ST Input A Program bus 7 assign		
234	42		ST Input A Program bus 8 assign		
235	43		ST Input B Program bus 1 assign		
236	44		ST Input B Program bus 2 assign		
237	45		ST Input B Program bus 3 assign		
238	46		ST Input B Program bus 4 assign		
239	47		ST Input B Program bus 5 assign		
240	48		ST Input B Program bus 6 assign		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
241	49	2	ST Input B Program bus 7 assign		
242	50		ST Input B Program bus 8 assign		
243	51		ST Input C Program bus 1 assign		
244	52		ST Input C Program bus 2 assign		
245	53		ST Input C Program bus 3 assign		
246	54		ST Input C Program bus 4 assign		
247	55		ST Input C Program bus 5 assign		
248	56		ST Input C Program bus 6 assign		
249	57		ST Input C Program bus 7 assign		
250	58		ST Input C Program bus 8 assign		
251	59		Input 1 aux1 pre/post		
252	60		Input 2 aux1 pre/post		
253	61		Input 3 aux1 pre/post		
254	62		Input 4 aux1 pre/post		
255	63		Input 5 aux1 pre/post		
256	64		Input 6 aux1 pre/post		
257	65		Input 7 aux1 pre/post		
258	66		Input 8 aux1 pre/post		
259	67		Input 1 aux2 pre/post		
260	68		Input 2 aux2 pre/post		
261	69		Input 3 aux2 pre/post		
262	70		Input 4 aux2 pre/post		
263	71		Input 5 aux2 pre/post		
264	72		Input 6 aux2 pre/post		
265	73		Input 7 aux2 pre/post		
266	74		Input 8 aux2 pre/post		
267	75		Input 1 aux3 pre/post		
268	76		Input 2 aux3 pre/post		
269	77		Input 3 aux3 pre/post		
270	78		Input 4 aux3 pre/post		
271	79		Input 5 aux3 pre/post		
272	80		Input 6 aux3 pre/post		
273	81		Input 7 aux3 pre/post		
274	82		Input 8 aux3 pre/post		
275	83		ST Input A aux1 pre/post		
276	84		ST Input B aux1 pre/post		
277	85		ST Input C aux1 pre/post		
278	86		ST input A aux2 pre/post		
279	87		ST Input B aux2 pre/post		
280	88		ST Input C aux2 pre/post		
281	89		ST Input A aux3 pre/post		
282	90		ST Input B aux3 pre/post		
283	91		ST Input C aux3 pre/post		
284	92		Reserved		
285	93		Reserved		
286	94		Reserved		
287	95		Reserved		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
288	0	3	Reserved		
289	1		Reserved		
290	2		Reserved		
291	3		Reserved		
292	4		Reserved		
293	5		Reserved		
294	6		Reserved		
295	7		Reserved		
296	8		Reserved		
297	9		Reserved		
298	10		Reserved		
299	11		Reserved		
300	12		Reserved		
301	13		Reserved		
302	14		Reserved		
303	15		Reserved		
304	16		Reserved		
305	17		Reserved		
306	18		Reserved		
307	19		Reserved		
308	20		Channel 1 MON TO BUS on/off		
309	21		Channel 2 MON TO BUS on/off		
310	22		Channel 3 MON TO BUS on/off		
311	23		Channel 4 MON TO BUS on/off		
312	24		Channel 5 MON TO BUS on/off		
313	25		Channel 6 MON TO BUS on/off		
314	26		Channel 7 MON TO BUS on/off		
315	27		Channel 8 MON TO BUS on/off		
316	28		Channel 1 BUS TO MON on/off		
317	29		Channel 2 BUS TO MON on/off		
318	30		Channel 3 BUS TO MON on/off		
319	31		Channel 4 BUS TO MON on/off		
320	32		Channel 5 BUS TO MON on/off		
321	23		Channel 6 BUS TO MON on/off		
322	24		Channel 7 BUS TO MON on/off		
323	25		Channel 8 BUS TO MON on/off		
324	26		Input 1 Phase		
325	27		Input 2 Phase		
326	38		Input 3 Phase		
327	39		Input 4 Phase		
328	40		Input 5 Phase		
329	41		Input 6 Phase		
330	42		Input 7 Phase		
331	43		Input 8 Phase		
332	44		Monitor 1 Phase		
333	45		Monitor 2 Phase		
334	46		Monitor 3 Phase		
335	47		Monitor 4 Phase		
336	48		Monitor 5 Phase		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
337	49	3	Monitor 6 Phase		
338	50		Monitor 7 Phase		
339	51		Monitor 8 Phase		
340	52		ST Input A Phase		
341	53		ST Input B Phase		
342	54		ST Input C Phase		
343	55		Input 1 High Pass Filter on/off		
344	56		Input 2 High Pass Filter on/off		
345	57		Input 3 High Pass Filter on/off		
346	58		Input 4 High Pass Filter on/off		
347	59		Input 5 High Pass Filter on/off		
348	60		Input 6 High Pass Filter on/off		
349	61		Input 7 High Pass Filter on/off		
350	62		Input 8 High Pass Filter on/off		
351	63		Monitor 1 High Pass Filter on/off		
352	64		Monitor 2 High Pass Filter on/off		
353	65		Monitor 3 High Pass Filter on/off		
354	66		Monitor 4 High Pass Filter on/off		
355	67		Monitor 5 High Pass Filter on/off		
356	68		Monitor 6 High Pass Filter on/off		
357	69		Monitor 7 High Pass Filter on/off		
358	70		Monitor 8 High Pass Filter on/off		
359	71		ST Input A High Pass Filter on/off		
360	72		ST Input B High Pass Filter on/off		
361	73		ST Input C High Pass Filter on/off		
362	74		Input 1 Low Pass Filter on/off		
363	75		Input 2 Low Pass Filter on/off		
364	76		Input 3 Low Pass Filter on/off		
365	77		Input 4 Low Pass Filter on/off		
366	78		Input 5 Low Pass Filter on/off		
367	79		Input 6 Low Pass Filter on/off		
368	80		Input 7 Low Pass Filter on/off		
369	81		Input 8 Low Pass Filter on/off		
370	82		Monitor 1 Low Pass Filter on/off		
371	83		Monitor 2 Low Pass Filter on/off		
372	84		Monitor 3 Low Pass Filter on/off		
373	85		Monitor 4 Low Pass Filter on/off		
374	86		Monitor 5 Low Pass Filter on/off		
375	87		Monitor 6 Low Pass Filter on/off		
376	88		Monitor 7 Low Pass Filter on/off		
377	89		Monitor 8 Low Pass Filter on/off		
378	90		ST Input A Low Pass Filter on/off		
379	91		ST Input B Low Pass Filter on/off		
380	92		ST Input C Low Pass Filter on/off		
381	93		Input 1 High Pass Filter Frequency		
382	94		Input 2 High Pass Filter Frequency		
383	95		Input 3 High Pass Filter Frequency		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
384	0	4	Input 4 High Pass Filter Frequency		
385	1		Input 5 High Pass Filter Frequency		
386	2		Input 6 High Pass Filter Frequency		
387	3		Input 7 High Pass Filter Frequency		
388	4		Input 8 High Pass Filter Frequency		
389	5		Monitor 1 High Pass Filter Frequency		
390	6		Monitor 2 High Pass Filter Frequency		
391	7		Monitor 3 High Pass Filter Frequency		
392	8		Monitor 4 High Pass Filter Frequency		
393	9		Monitor 5 High Pass Filter Frequency		
394	10		Monitor 6 High Pass Filter Frequency		
395	11		Monitor 7 High Pass Filter Frequency		
396	12		Monitor 8 High Pass Filter Frequency		
397	13		ST Input A High Pass Filter Frequency		
398	14		ST Input B High Pass Filter Frequency		
399	15		ST Input C High Pass Filter Frequency		
400	16		Input 1 Low Pass Filter Frequency		
401	17		Input 2 Low Pass Filter Frequency		
402	18		Input 3 Low Pass Filter Frequency		
403	19		Input 4 Low Pass Filter Frequency		
404	20		Input 5 Low Pass Filter Frequency		
405	21		Input 6 Low Pass Filter Frequency		
406	22		Input 7 Low Pass Filter Frequency		
407	23		Input 8 Low Pass Filter Frequency		
408	24		Monitor 1 Low Pass Filter Frequency		
409	25		Monitor 2 Low Pass Filter Frequency		
410	26		Monitor 3 Low Pass Filter Frequency		
411	27		Monitor 4 Low Pass Filter Frequency		
412	28		Monitor 5 Low Pass Filter Frequency		
413	29		Monitor 6 Low Pass Filter Frequency		
414	30		Monitor 7 Low Pass Filter Frequency		
415	31		Monitor 8 Low Pass Filter Frequency		
416	32		ST Input A Low Pass Filter Frequency		
417	33		ST Input B Low Pass Filter Frequency		
418	34		ST Input C Low Pass Filter Frequency		
419	35		Input 1 equalizer on/off		
420	36		Input 2 equalizer on/off		
421	37		Input 3 equalizer on/off		
422	38		Input 4 equalizer on/off		
423	39		Input 5 equalizer on/off		
424	40		Input 6 equalizer on/off		
425	41		Input 7 equalizer on/off		
426	42		Input 8 equalizer on/off		
427	43		Monitor 1 equalizer on/off		
428	44		Monitor 2 equalizer on/off		
429	45		Monitor 3 equalizer on/off		
430	46		Monitor 4 equalizer on/off		
431	47		Monitor 5 equalizer on/off		
432	48		Monitor 6 equalizer on/off		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
433	49	4	Monitor 7 equalizer on/off		
434	50		Monitor 8 equalizer on/off		
435	51		ST Input A equalizer on/off		
436	52		ST Input B equalizer on/off		
437	53		ST Input C equalizer on/off		
438	54		Input 1 Low band equalizer Frequency		
439	55		Input 1 Low band equalizer Gain		
440	56		Input 1 Low band equalizer Q		
441	57		Input 1 Low band equalizer Type		
442	58		Input 1 Low Mid band equalizer Frequency		
443	59		Input 1 Low Mid band equalizer Gain		
444	60		Input 1 Low Mid band equalizer Q		
445	61		Input 1 Low Mid band equalizer Type		
446	62		Input 1 High Mid band equalizer Frequency		
447	63		Input 1 High Mid band equalizer Gain		
448	64		Input 1 High Mid band equalizer Q		
449	65		Input 1 High Mid band equalizer Type		
450	66		Input 1 High band equalizer Frequency		
451	67		Input 1 High band equalizer Gain		
452	68		Input 1 High band equalizer Q		
453	69		Input 1 High band equalizer Type		
454	70		Input 2 Low band equalizer Frequency		
455	71		Input 2 Low band equalizer Gain		
456	72		Input 2 Low band equalizer Q		
457	73		Input 2 Low band equalizer Type		
458	74		Input 2 Low Mid band equalizer Frequency		
459	75		Input 2 Low Mid band equalizer Gain		
460	76		Input 2 Low Mid band equalizer Q		
461	77		Input 2 Low Mid band equalizer Type		
462	78		Input 2 High Mid band equalizer Frequency		
463	79		Input 2 High Mid band equalizer Gain		
464	80		Input 2 High Mid band equalizer Q		
465	81		Input 2 High Mid band equalizer Type		
466	82		Input 2 High band equalizer Frequency		
467	83		Input 2 High band equalizer Gain		
468	84		Input 2 High band equalizer Q		
469	85		Input 2 High band equalizer Type		
470	86		Input 3 Low band equalizer Frequency		
471	87		Input 3 Low band equalizer Gain		
472	88		Input 3 Low band equalizer Q		
473	89		Input 3 Low band equalizer Type		
474	90		Input 3 Low Mid band equalizer Frequency		
475	91		Input 3 Low Mid band equalizer Gain		
476	92		Input 3 Low Mid band equalizer Q		
477	93		Input 3 Low Mid band equalizer Type		
478	94		Input 3 High Mid band equalizer Frequency		
479	95		Input 3 High Mid band equalizer Gain		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
480	0	5	Input 3 High Mid band equalizer Q		
481	1		Input 3 High Mid band equalizer Type		
482	2		Input 3 High band equalizer Frequency		
483	3		Input 3 High band equalizer Gain		
484	4		Input 3 High band equalizer Q		
485	5		Input 3 High band equalizer Type		
486	6		Input 4 Low band equalizer Frequency		
487	7		Input 4 Low band equalizer Gain		
488	8		Input 4 Low band equalizer Q		
489	9		Input 4 Low band equalizer Type		
490	10		Input 4 Low Mid band equalizer Frequency		
491	11		Input 4 Low Mid band equalizer Gain		
492	12		Input 4 Low Mid band equalizer Q		
493	13		Input 4 Low Mid band equalizer Type		
494	14		Input 4 High Mid band equalizer Frequency		
495	15		Input 4 High Mid band equalizer Gain		
496	16		Input 4 High Mid band equalizer Q		
497	17		Input 4 High Mid band equalizer Type		
498	18		Input 4 High band equalizer Frequency		
499	19		Input 4 High band equalizer Gain		
500	20		Input 4 High band equalizer Q		
501	21		Input 4 High band equalizer Type		
502	22		Input 5 Low band equalizer Frequency		
503	23		Input 5 Low band equalizer Gain		
504	24		Input 5 Low band equalizer Q		
505	25		Input 5 Low band equalizer Type		
506	26		Input 5 Low Mid band equalizer Frequency		
507	27		Input 5 Low Mid band equalizer Gain		
508	28		Input 5 Low Mid band equalizer Q		
509	29		Input 5 Low Mid band equalizer Type		
510	30		Input 5 High Mid band equalizer Frequency		
511	31		Input 5 High Mid band equalizer Gain		
512	32		Input 5 High Mid band equalizer Q		
513	33		Input 5 High Mid band equalizer Type		
514	34		Input 5 High band equalizer Frequency		
515	35		Input 5 High band equalizer Gain		
516	36		Input 5 High band equalizer Q		
517	37		Input 5 High band equalizer Type		
518	38		Input 6 Low band equalizer Frequency		
519	39		Input 6 Low band equalizer Gain		
520	40		Input 6 Low band equalizer Q		
521	41		Input 6 Low band equalizer Type		
522	42		Input 6 Low Mid band equalizer Frequency		
523	43		Input 6 Low Mid band equalizer Gain		
524	44		Input 6 Low Mid band equalizer Q		
525	45		Input 6 Low Mid band equalizer Type		
526	46		Input 6 High Mid band equalizer Frequency		
527	47		Input 6 High Mid band equalizer Gain		
528	48		Input 6 High Mid band equalizer Q		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
529	49	5	Input 6 High Mid band equalizer Type		
530	50		Input 6 High band equalizer Frequency		
531	51		Input 6 High band equalizer Gain		
532	52		Input 6 High band equalizer Q		
533	53		Input 6 High band equalizer Type		
534	54		Input 7 Low band equalizer Frequency		
535	55		Input 7 Low band equalizer Gain		
536	56		Input 7 Low band equalizer Q		
537	57		Input 7 Low band equalizer Type		
538	58		Input 7 Low Mid band equalizer Frequency		
539	59		Input 7 Low Mid band equalizer Gain		
540	60		Input 7 Low Mid band equalizer Q		
541	61		Input 7 Low Mid band equalizer Type		
542	62		Input 7 High Mid band equalizer Frequency		
543	63		Input 7 High Mid band equalizer Gain		
544	64		Input 7 High Mid band equalizer Q		
545	65		Input 7 High Mid band equalizer Type		
546	66		Input 7 High band equalizer Frequency		
547	67		Input 7 High band equalizer Gain		
548	68		Input 7 High band equalizer Q		
549	69		Input 7 High band equalizer Type		
550	70		Input 8 Low band equalizer Frequency		
551	71		Input 8 Low band equalizer Gain		
552	72		Input 8 Low band equalizer Q		
553	73		Input 8 Low band equalizer Type		
554	74		Input 8 Low Mid band equalizer Frequency		
555	75		Input 8 Low Mid band equalizer Gain		
556	76		Input 8 Low Mid band equalizer Q		
557	77		Input 8 Low Mid band equalizer Type		
558	78		Input 8 High Mid band equalizer Frequency		
559	79		Input 8 High Mid band equalizer Gain		
560	80		Input 8 High Mid band equalizer Q		
561	81		Input 8 High Mid band equalizer Type		
562	82		Input 8 High band equalizer Frequency		
563	83		Input 8 High band equalizer Gain		
564	84		Input 8 High band equalizer Q		
565	85		Input 8 High band equalizer Type		
566	86		Monitor 1 Low band equalizer Frequency		
567	87		Monitor 1 Low band equalizer Gain		
568	88		Monitor 1 Low band equalizer Q		
569	89		Monitor 1 Low band equalizer Type		
570	90		Monitor 1 Low Mid band equalizer Frequency		
571	91		Monitor 1 Low Mid band equalizer Gain		
572	92		Monitor 1 Low Mid band equalizer Q		
573	93		Monitor 1 Low Mid band equalizer Type		
574	94		Monitor 1 High Mid band equalizer Frequency		
575	95		Monitor 1 High Mid band equalizer Gain		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
576	0	6	Monitor 1 High Mid band equalizer Q		
577	1		Monitor 1 High Mid band equalizer Type		
578	2		Monitor 1 High band equalizer Frequency		
579	3		Monitor 1 High band equalizer Gain		
580	4		Monitor 1 High band equalizer Q		
581	5		Monitor 1 High band equalizer Type		
582	6		Monitor 2 Low band equalizer Frequency		
583	7		Monitor 2 Low band equalizer Gain		
584	8		Monitor 2 Low band equalizer Q		
585	9		Monitor 2 Low band equalizer Type		
586	10		Monitor 2 Low Mid band equalizer Frequency		
587	11		Monitor 2 Low Mid band equalizer Gain		
588	12		Monitor 2 Low Mid band equalizer Q		
589	13		Monitor 2 Low Mid band equalizer Type		
590	14		Monitor 2 High Mid band equalizer Frequency		
591	15		Monitor 2 High Mid band equalizer Gain		
592	16		Monitor 2 High Mid band equalizer Q		
593	17		Monitor 2 High Mid band equalizer Type		
594	18		Monitor 2 High band equalizer Frequency		
595	19		Monitor 2 High band equalizer Gain		
596	20		Monitor 2 High band equalizer Q		
597	21		Monitor 2 High band equalizer Type		
598	22		Monitor 3 Low band equalizer Frequency		
599	23		Monitor 3 Low band equalizer Gain		
600	24		Monitor 3 Low band equalizer Q		
601	25		Monitor 3 Low band equalizer Type		
602	26		Monitor 3 Low Mid band equalizer Frequency		
603	27		Monitor 3 Low Mid band equalizer Gain		
604	28		Monitor 3 Low Mid band equalizer Q		
605	29		Monitor 3 Low Mid band equalizer Type		
606	30		Monitor 3 High Mid band equalizer Frequency		
607	31		Monitor 3 High Mid band equalizer Gain		
608	32		Monitor 3 High Mid band equalizer Q		
609	33		Monitor 3 High Mid band equalizer Type		
610	34		Monitor 3 High band equalizer Frequency		
611	35		Monitor 3 High band equalizer Gain		
612	36		Monitor 3 High band equalizer Q		
613	37		Monitor 3 High band equalizer Type		
614	38		Monitor 4 Low band equalizer Frequency		
615	39		Monitor 4 Low band equalizer Gain		
616	40		Monitor 4 Low band equalizer Q		
617	41		Monitor 4 Low band equalizer Type		
618	42		Monitor 4 Low Mid band equalizer Frequency		
619	43		Monitor 4 Low Mid band equalizer Gain		
620	44		Monitor 4 Low Mid band equalizer Q		
621	45		Monitor 4 Low Mid band equalizer Type		
622	46		Monitor 4 High Mid band equalizer Frequency		
623	47		Monitor 4 High Mid band equalizer Gain		
624	48		Monitor 4 High Mid band equalizer Q		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
625	49	6	Monitor 4 High Mid band equalizer Type		
626	50		Monitor 4 High band equalizer Frequency		
627	51		Monitor 4 High band equalizer Gain		
628	52		Monitor 4 High band equalizer Q		
629	53		Monitor 4 High band equalizer Type		
630	54		Monitor 5 Low band equalizer Frequency		
631	55		Monitor 5 Low band equalizer Gain		
632	56		Monitor 5 Low band equalizer Q		
633	57		Monitor 5 Low band equalizer Type		
634	58		Monitor 5 Low Mid band equalizer Frequency		
635	59		Monitor 5 Low Mid band equalizer Gain		
636	60		Monitor 5 Low Mid band equalizer Q		
637	61		Monitor 5 Low Mid band equalizer Type		
638	62		Monitor 5 High Mid band equalizer Frequency		
639	63		Monitor 5 High Mid band equalizer Gain		
640	64		Monitor 5 High Mid band equalizer Q		
641	65		Monitor 5 High Mid band equalizer Type		
642	66		Monitor 5 High band equalizer Frequency		
643	67		Monitor 5 High band equalizer Gain		
644	68		Monitor 5 High band equalizer Q		
645	69		Monitor 5 High band equalizer Type		
646	70		Monitor 6 Low band equalizer Frequency		
647	71		Monitor 6 Low band equalizer Gain		
648	72		Monitor 6 Low band equalizer Q		
649	73		Monitor 6 Low band equalizer Type		
650	74		Monitor 6 Low Mid band equalizer Frequency		
651	75		Monitor 6 Low Mid band equalizer Gain		
652	76		Monitor 6 Low Mid band equalizer Q		
653	77		Monitor 6 Low Mid band equalizer Type		
654	78		Monitor 6 High Mid band equalizer Frequency		
655	79		Monitor 6 High Mid band equalizer Gain		
656	80		Monitor 6 High Mid band equalizer Q		
657	81		Monitor 6 High Mid band equalizer Type		
658	82		Monitor 6 High band equalizer Frequency		
659	83		Monitor 6 High band equalizer Gain		
660	84		Monitor 6 High band equalizer Q		
661	85		Monitor 6 High band equalizer Type		
662	86		Monitor 7 Low band equalizer Frequency		
663	87		Monitor 7 Low band equalizer Gain		
664	88		Monitor 7 Low band equalizer Q		
665	89		Monitor 7 Low band equalizer Type		
666	90		Monitor 7 Low Mid band equalizer Frequency		
667	91		Monitor 7 Low Mid band equalizer Gain		
668	92		Monitor 7 Low Mid band equalizer Q		
669	93		Monitor 7 Low Mid band equalizer Type		
670	94		Monitor 7 High Mid band equalizer Frequency		
671	95		Monitor 7 High Mid band equalizer Gain		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
672	0	7	Monitor 7 High Mid band equalizer Q		
673	1		Monitor 7 High Mid band equalizer Type		
674	2		Monitor 7 High band equalizer Frequency		
675	3		Monitor 7 High band equalizer Gain		
676	4		Monitor 7 High band equalizer Q		
677	5		Monitor 7 High band equalizer Type		
678	6		Monitor 8 Low band equalizer Frequency		
679	7		Monitor 8 Low band equalizer Gain		
680	8		Monitor 8 Low band equalizer Q		
681	9		Monitor 8 Low band equalizer Type		
682	10		Monitor 8 Low Mid band equalizer Frequency		
683	11		Monitor 8 Low Mid band equalizer Gain		
684	12		Monitor 8 Low Mid band equalizer Q		
685	13		Monitor 8 Low Mid band equalizer Type		
686	14		Monitor 8 High Mid band equalizer Frequency		
687	15		Monitor 8 High Mid band equalizer Gain		
688	16		Monitor 8 High Mid band equalizer Q		
689	17		Monitor 8 High Mid band equalizer Type		
690	18		Monitor 8 High band equalizer Frequency		
691	19		Monitor 8 High band equalizer Gain		
692	20		Monitor 8 High band equalizer Q		
693	21		Monitor 8 High band equalizer Type		
694	22		ST Input A Low band equalizer Frequency		
695	23		ST Input A Low band equalizer Gain		
696	24		ST Input A Low band equalizer Q		
697	25		ST Input A Low band equalizer Type		
698	26		ST Input A Low Mid band equalizer Frequency		
699	27		ST Input A Low Mid band equalizer Gain		
700	28		ST Input A Low Mid band equalizer Q		
701	29		ST Input A Low Mid band equalizer Type		
702	30		ST Input A High Mid band equalizer Frequency		
703	31		ST Input A High Mid band equalizer Gain		
704	32		ST Input A High Mid band equalizer Q		
705	33		ST Input A High Mid band equalizer Type		
706	34		ST Input A High band equalizer Frequency		
707	35		ST Input A High band equalizer Gain		
708	36		ST Input A High band equalizer Q		
709	37		ST Input A High band equalizer Type		
710	38		ST Input B Low band equalizer Frequency		
711	39		ST Input B Low band equalizer Gain		
712	40		ST Input B Low band equalizer Q		
713	41		ST Input B Low band equalizer Type		
714	42		ST Input B Low Mid band equalizer Frequency		
715	43		ST Input B Low Mid band equalizer Gain		
716	44		ST Input B Low Mid band equalizer Q		
717	45		ST Input B Low Mid band equalizer Type		
718	46		ST Input B High Mid band equalizer Frequency		
719	47		ST Input B High Mid band equalizer Gain		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
720	48	7	ST Input B High Mid band equalizer Q		
721	49		ST Input B High Mid band equalizer Type		
722	50		ST Input B High band equalizer Frequency		
723	51		ST Input B High band equalizer Gain		
724	52		ST Input B High band equalizer Q		
725	53		ST Input B High band equalizer Type		
726	54		ST Input C Low band equalizer Frequency		
727	55		St Input C Low band equalizer Gain		
728	56		ST Input C Low band equalizer Q		
729	57		ST Input C Low band equalizer Type		
730	58		ST Input C Low Mid band equalizer Frequency		
731	59		ST Input C Low Mid band equalizer Gain		
732	60		ST Input C Low Mid band equalizer Q		
733	61		ST Input C Low Mid band equalizer Type		
734	62		ST Input C High Mid band equalizer Frequency		
735	63		ST Input C High Mid band equalizer Gain		
736	64		ST Input C High Mid band equalizer Q		
737	65		ST Input C High Mid band equalizer Type		
738	66		ST Input C High band equalizer Frequency		
739	67		ST Input C High band equalizer Gain		
740	68		ST Input C High band equalizer Q		
741	69		ST Input C High band equalizer Type		
742	70		Input 1 Pad		
743	71		Input 2 Pad		
744	72		Input 3 Pad		
745	73		Input 4 Pad		
746	74		Input 5 Pad		
747	75		Input 6 Pad		
748	76		Input 7 Pad		
749	77		Input 8 Pad		
750	78		Monitor 1 Pad		
751	79		Monitor 2 Pad		
752	80		Monitor 3 Pad		
753	81		Monitor 4 Pad		
754	82		Monitor 5 Pad		
755	83		Monitor 6 Pad		
756	84		Monitor 7 Pad		
757	85		Monitor 8 Pad		
758	86		ST Input A Pad		
759	87		ST Input B Pad		
760	88		ST Input C Pad		
761	89		ST Input A Internal/External		
762	90		ST Input B Internal/External		
763	91		Input 1 Fade Time		
764	92		Input 2 Fade Time		
765	93		Input 3 Fade Time		
766	94		Input 4 Fade Time		
767	95		Input 5 Fade Time		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
768	0	8	Input 6 Fade Time		
769	1		Input 7 Fade Time		
770	2		Input 8 Fade Time		
771	3		Monitor 1 Fade Time		
772	4		Monitor 2 Fade Time		
773	5		Monitor 3 Fade Time		
774	6		Monitor 4 Fade Time		
775	7		Monitor 5 Fade Time		
776	8		Monitor 6 Fade Time		
777	9		Monitor 7 Fade Time		
778	10		Monitor 8 Fade Time		
779	11		ST Input A Fade Time		
780	12		ST Input B Fade Time		
781	13		ST Input C Fade Time		
782	14		ST Input A balance		
783	15		ST Input B balance		
784	16		ST Input C balance		
785	17		Channel 1 fader flip		
786	18		Channel 2 fader flip		
787	19		Channel 3 fader flip		
788	20		Channel 4 fader flip		
789	21		Channel 5 fader flip		
790	22		Channel 6 fader flip		
791	23		Channel 7 fader flip		
792	24		Channel 8 fader flip		
793	25		Input 1 SOLO on/off		
794	26		Input 2 SOLO on/off		
795	27		Input 3 SOLO on/off		
796	28		Input 4 SOLO on/off		
797	29		Input 5 SOLO on/off		
798	30		Input 6 SOLO on/off		
799	31		Input 7 SOLO on/off		
800	32		Input 8 SOLO on/off		
801	33		Monitor 1 SOLO on/off		
802	34		Monitor 2 SOLO on/off		
803	35		Monitor 3 SOLO on/off		
804	36		Monitor 4 SOLO on/off		
805	37		Monitor 5 SOLO on/off		
806	38		Monitor 6 SOLO on/off		
807	39		Monitor 7 SOLO on/off		
808	40		Monitor 8 SOLO on/off		
809	41		ST Input A SOLO on/off		
810	42		ST Input B SOLO on/off		
811	43		ST Input C SOLO on/off		
812	44		Input 1 Insert in on/off		
813	45		Input 2 Insert in on/off		
814	46		Input 3 Insert in on/off		
815	47		Input 4 Insert in on/off		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
816	48	8	Input 5 Insert in on/off		
817	49		Input 6 Insert in on/off		
818	50		Input 7 Insert in on/off		
819	51		Input 8 Insert in on/off		
820	52		Monitor 1 Insert in on/off		
821	53		Monitor 2 Insert in on/off		
822	54		Monitor 3 Insert in on/off		
823	55		Monitor 4 Insert in on/off		
824	56		Monitor 5 Insert in on/off		
825	57		Monitor 6 Insert in on/off		
826	58		Monitor 7 Insert in on/off		
827	59		Monitor 8 Insert in on/off		
828	60		ST Input A Insert in on/off		
829	61		ST Input B Insert in on/off		
830	62		ST Input C Insert in on/off		
831	63		Stereo Insert in on/off		
832	64		Input 1 Insert in pre/post		
833	65		Input 2 Insert in pre/post		
834	66		Input 3 Insert in pre/post		
835	67		Input 4 Insert in pre/post		
836	68		Input 5 Insert in pre/post		
837	69		Input 6 Insert in pre/post		
838	70		Input 7 Insert in pre/post		
839	71		Input 8 Insert in pre/post		
840	72		Monitor 1 Insert in pre/post		
841	73		Monitor 2 Insert in pre/post		
842	74		Monitor 3 Insert in pre/post		
843	75		Monitor 4 Insert in pre/post		
844	76		Monitor 5 Insert in pre/post		
845	77		Monitor 6 Insert in pre/post		
846	78		Monitor 7 Insert in pre/post		
847	79		Monitor 8 Insert in pre/post		
848	80		ST Input A Insert in pre/post		
849	81		ST Input B Insert in pre/post		
850	82		ST Input C Insert in pre/post		
851	83		Program bus 1 cascade in Pad		
852	84		Program bus 2 cascade in Pad		
853	85		Program bus 3 cascade in Pad		
854	86		Program bus 4 cascade in Pad		
855	87		Program bus 5 cascade in Pad		
856	88		Program bus 6 cascade in Pad		
857	89		Program bus 7 cascade in Pad		
858	90		Program bus 8 cascade in Pad		
859	91		Aux Send1 bus cascade in Pad		
860	92		Aux Send2 bus cascade in Pad		
861	93		Aux Send3 bus cascade in Pad		
862	94		Stereo bus cascade in Pad		
863	95		SOLO bus cascade in Pad		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
864	0	9	Panpot mode (Nominal/+3dB)		
865	1		Effect 1 Select		
866	2		Effect 2 Select		
867	3		Effect 1 parameter1 (High byte)		
868	4		Effect 1 parameter1 (Low byte)		
869	5		Effect 1 parameter2 (High byte)		
870	6		Effect 1 parameter2 (Low byte)		
871	7		Effect 1 parameter3 (High byte)		
872	8		Effect 1 parameter3 (Low byte)		
873	9		Effect 1 parameter4 (High byte)		
874	10		Effect 1 parameter4 (Low byte)		
875	11		Effect 1 parameter5 (High byte)		
876	12		Effect 1 parameter5 (Low byte)		
877	13		Effect 1 parameter6 (High byte)		
878	14		Effect 1 parameter6 (Low byte)		
879	15		Effect 1 parameter7 (High byte)		
880	16		Effect 1 parameter7 (Low byte)		
881	17		Effect 1 parameter8 (High byte)		
882	18		Effect 1 parameter8 (Low byte)		
883	19		Effect 1 parameter9 (High byte)		
884	20		Effect 1 parameter9 (Low byte)		
885	21		Effect 1 parameter10 (High byte)		
886	22		Effect 1 parameter10 (Low byte)		
887	23		Effect 2 parameter1 (High byte)		
888	24		Effect 2 parameter1 (Low byte)		
889	25		Effect 2 parameter2 (High byte)		
890	26		Effect 2 parameter2 (Low byte)		
891	27		Effect 2 parameter3 (High byte)		
892	28		Effect 2 parameter3 (Low byte)		
893	29		Effect 2 parameter4 (High byte)		
894	30		Effect 2 parameter4 (Low byte)		
895	31		Effect 2 parameter5 (High byte)		
896	32		Effect 2 parameter5 (Low byte)		
897	33		Effect 2 parameter6 (High byte)		
898	34		Effect 2 parameter6 (Low byte)		
899	35		Effect 2 parameter7 (High byte)		
900	36		Effect 2 parameter7 (Low byte)		
901	37		Effect 2 parameter8 (High byte)		
902	38		Effect 2 parameter8 (Low byte)		
903	39		Effect 2 parameter9 (High byte)		
904	40		Effect 2 parameter9 (Low byte)		
905	41		Effect 2 parameter10 (High byte)		
906	42		Effect 2 parameter10 (Low byte)		
907	43		Input 1 delay time (High byte)		
908	44		Input 1 delay time (Low byte)		
909	45		Input 2 delay time (High byte)		
910	46		Input 2 delay time (Low byte)		
911	47		Input 3 delay time (High byte)		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
912	48	9	Input 3 delay time (Low byte)		
913	49		Input 4 delay time (High byte)		
914	50		Input 4 delay time (Low byte)		
915	51		Input 5 delay time (High byte)		
916	52		Input 5 delay time (Low byte)		
917	53		Input 6 delay time (High byte)		
918	54		Input 6 delay time (Low byte)		
919	55		Input 7 delay time (High byte)		
920	56		Input 7 delay time (Low byte)		
921	57		Input 8 delay time (High byte)		
922	58		Input 8 delay time (Low byte)		
923	59		Monitor 1 delay time (High byte)		
924	60		Monitor 1 delay time (Low byte)		
925	61		Monitor 2 delay time (High byte)		
926	62		Monitor 2 delay time (Low byte)		
927	63		Monitor 3 delay time (High byte)		
928	64		Monitor 3 delay time (Low byte)		
929	65		Monitor 4 delay time (High byte)		
930	66		Monitor 4 delay time (Low byte)		
931	67		Monitor 5 delay time (High byte)		
932	68		Monitor 5 delay time (Low byte)		
933	69		Monitor 6 delay time (High byte)		
934	70		Monitor 6 delay time (Low byte)		
935	71		Monitor 7 delay time (High byte)		
936	72		Monitor 7 delay time (Low byte)		
937	73		Monitor 8 delay time (High byte)		
938	74		Monitor 8 delay time (Low byte)		
939	75		ST Input A delay time (High byte)		
940	76		ST Input A delay time (Low byte)		
941	77		ST Input B delay time (High byte)		
942	78		ST Input B delay time (Low byte)		
943	79		ST Input C delay time (High byte)		
944	80		ST Input C delay time (Low byte)		
945	81		Input 1 delay feed back gain (High byte)		
946	82		Input 1 delay feed back gain (Low byte)		
947	83		Input 2 delay feed back gain (High byte)		
948	84		Input 2 delay feed back gain (Low byte)		
949	85		Input 3 delay feed back gain (High byte)		
950	86		Input 3 delay feed back gain (Low byte)		
951	87		Input 4 delay feed back gain (High byte)		
952	88		Input 4 delay feed back gain (Low byte)		
953	89		Input 5 delay feed back gain (High byte)		
954	90		Input 5 delay feed back gain (Low byte)		
955	91		Input 6 delay feed back gain (High byte)		
956	92		Input 6 delay feed back gain (Low byte)		
957	93		Input 7 delay feed back gain (High byte)		
958	94		Input 7 delay feed back gain (Low byte)		
959	95		Input 8 delay feed back gain (High byte)		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
960	0	10	Input 8 delay feed back gain (Low byte)		
961	1		Monitor 1 delay feed back gain (High byte)		
962	2		Monitor 1 delay feed back gain (Low byte)		
963	3		Monitor 2 delay feed back gain (High byte)		
964	4		Monitor 2 delay feed back gain (Low byte)		
965	5		Monitor 3 delay feed back gain (High byte)		
967	6		Monitor 3 delay feed back gain (Low byte)		
967	7		Monitor 4 delay feed back gain (High byte)		
968	8		Monitor 4 delay feed back gain (Low byte)		
969	9		Monitor 5 delay feed back gain (High byte)		
970	10		Monitor 5 delay feed back gain (Low byte)		
971	11		Monitor 6 delay feed back gain (High byte)		
972	12		Monitor 6 delay feed back gain (Low byte)		
973	13		Monitor 7 delay feed back gain (High byte)		
974	14		Monitor 7 delay feed back gain (Low byte)		
975	15		Monitor 8 delay feed back gain (High byte)		
976	16		Monitor 8 delay feed back gain (Low byte)		
977	17		ST Input A delay feed back gain (High byte)		
978	18		ST Input A delay feed back gain (Low byte)		
979	19		ST Input B delay feed back gain (High byte)		
980	20		ST Input B delay feed back gain (Low byte)		
981	21		ST Input C delay feed back gain (High byte)		
982	22		ST Input C delay feed back gain (Low byte)		
983	23		Monitor master stereo/mono		
984	24		Monitor master input select		
985	25		SOLO AFL level		
986	26		Monitor master dim on/off		
987	27		Monitor master dim level		
988	28		SOLO all channel disable		
989	29		Meter HOLD on/off		
990	30		Monitor 1 aux3 pan		
991	31		Monitor 2 aux3 pan		
992	32		Monitor 3 aux3 pan		
993	33		Monitor 4 aux3 pan		
994	34		Monitor 5 aux3 pan		
995	35		Monitor 6 aux3 pan		
996	36		Monitor 7 aux3 pan		
997	37		Monitor 8 aux3 pan		
998	38		Monitor 1 aux1 level		
999	39		Monitor 1 aux2 level		
1000	40		Monitor 1 aux3 level		
1001	41		Monitor 2 aux1 level		
1002	42		Monitor 2 aux2 level		
1003	43		Monitor 2 aux3 level		
1004	44		Monitor 3 aux1 level		
1005	45		Monitor 3 aux2 level		
1006	46		Monitor 3 aux3 level		
1007	47		Monitor 4 aux1 level		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
1008	48	10	Monitor 4 aux2 level		
1009	49		Monitor 4 aux3 level		
1010	50		Monitor 5 aux1 level		
1011	51		Monitor 5 aux2 level		
1012	52		Monitor 5 aux3 level		
1013	53		Monitor 6 aux1 level		
1014	54		Monitor 6 aux2 level		
1015	55		Monitor 6 aux3 level		
1016	56		Monitor 7 aux1 level		
1017	57		Monitor 7 aux2 level		
1018	58		Monitor 7 aux3 level		
1019	59		Monitor 8 aux1 level		
1020	60		Monitor 8 aux2 level		
1021	61		Monitor 8 aux3 level		
1022	62		Monitor 1 aux1 on/off		
1023	63		Monitor 2 aux1 on/off		
1024	64		Monitor 3 aux1 on/off		
1025	65		Monitor 4 aux1 on/off		
1026	66		Monitor 5 aux1 on/off		
1027	67		Monitor 6 aux1 on/off		
1028	68		Monitor 7 aux1 on/off		
1029	69		Monitor 8 aux1 on/off		
1030	70		Monitor 1 aux2 on/off		
1031	71		Monitor 2 aux2 on/off		
1032	72		Monitor 3 aux2 on/off		
1033	73		Monitor 4 aux2 on/off		
1034	74		Monitor 5 aux2 on/off		
1035	75		Monitor 6 aux2 on/off		
1036	76		Monitor 7 aux2 on/off		
1037	77		Monitor 8 aux2 on/off		
1038	78		Monitor 1 aux3 on/off		
1039	79		Monitor 2 aux3 on/off		
1040	80		Monitor 3 aux3 on/off		
1041	81		Monitor 4 aux3 on/off		
1042	82		Monitor 5 aux3 on/off		
1043	83		Monitor 6 aux3 on/off		
1044	84		Monitor 7 aux3 on/off		
1045	85		Monitor 8 aux3 on/off		
1046	86		Monitor 1 aux1 pre/post		
1047	87		Monitor 2 aux1 pre/post		
1048	88		Monitor 3 aux1 pre/post		
1049	89		Monitor 4 aux1 pre/post		
1050	90		Monitor 5 aux1 pre/post		
1051	91		Monitor 6 aux1 pre/post		
1052	92		Monitor 7 aux1 pre/post		
1053	93		Monitor 8 aux1 pre/post		
1054	94		Monitor 1 aux2 pre/post		
1055	95		Monitor 2 aux2 pre/post		

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
1056	0	11	Monitor 3 aux 2 pre/post		
1057	1		Monitor 4 aux2 pre/post		
1058	2		Monitor 5 aux2 pre/post		
1059	3		Monitor 6 aux2 pre/post		
1060	4		Monitor 7 aux2 pre/post		
1061	5		Monitor 8 aux2 pre/post		
1062	6		Monitor 1 aux3 pre/post		
1063	7		Monitor 2 aux3 pre/post		
1064	8		Monitor 3 aux3 pre/post		
1065	9		Monitor 4 aux3 pre/post		
1066	10		Monitor 5 aux3 pre/post		
1067	11		Monitor 6 aux3 pre/post		
1068	12		Monitor 7 aux3 pre/post		
1069	13		Monitor 8 aux3 pre/post		
1070	14				
1071	15				
1072	16				
1073	17				
1074	18				
1075	19				
1076	20				
1077	21				
1078	22				
1079	23				
1080	24				
1081	25				
1082	26				
1083	27				
1084	28				
1085	29				
1086	30				
1087	31				
1088	32				
1089	33				
1090	34				
1091	35				
1092	36				
1093	37				
1094	38				
1095	39				
1096	40				
1097	41				
1098	42				
1099	43				
1100	44				
1101	45				
1102	46				
1103	47				

Parameter No.	Initial Setup		DMC1000 Parameter	User Setup	
	Controller No.	Bank		Controller No.	Bank
1104	48	11			
1105	49				
1106	50				
1107	51				
1108	52				
1109	53				
1110	54				
1111	55				
1112	56				
1113	57				
1114	58				
1115	59				
1116	60				
1117	61				
1118	62				
1119	63				
1120	64				
1121	65				
1122	66				
1123	67				
1124	68				
1125	69				
1126	70				
1127	71				
1128	72				
1129	73				
1130	74				
1131	75				
1132	76				
1133	77				
1134	78				
1135	79				
1136	80				
1137	81				
1138	82				
1139	83				
1140	84				
1141	85				
1142	86				
1143	87				
1144	88				
1145	89				
1146	90				
1147	91				
1148	92				
1149	93				
1150	94				
1151	95				

Function ...		Transmitted	Recognized	Remarks
Basic	Default	: 1 - 16	: 1 - 16	: memorized
Channel	Changed	: 1 - 16	: 1 - 16	:
Mode	Default	: x	: OMNloff/OMNlon	: memorized
	Messages	: x	: x	:
	Altered	: *****	: x	:
Note		: x	: x	:
Number	: True voice	: *****	: x	:
Velocity	Note ON	: x	: x	:
	Note OFF	: x	: x	:
After	Key's	: x	: x	:
Touch	Ch's	: x	: x	:
Pitch Bender		: x	: x	:
	0 - 96	: o	: o	: *1
Control		:	:	:
Change		:	:	:
Prog		: o 0 - 127	: o 0 - 127	: *2
Change	: True #	: *****	: 0 - 64	:
System Exclusive		: o	: o	: Bulk dump
System	: Song Pos	: x	: o	:
	: Song Sel	: x	: x	:
Common	: Tune	: x	: x	:
System	: Clock	: x	: o	:
Real Time	: Commands	: x	: o	:
Aux	: Local ON/OFF	: x	: x	:
	: All Notes OFF	: x	: x	:
Mes-	: Active Sense	: o	: o	:
sages	: Reset	: x	: x	:
Notes:				
*1 Each parameter can be assigned to any Control Change and these				
assignment tables can be stored in memory.				
*2 For program 1-128, memory #0-#64 is selected.				
Mode 1	: OMNI ON, POLY	Mode 2	: OMNI ON, MONO	o : Yes
Mode 3	: OMNI OFF, POLY	Mode 4	: OMNI OFF, MONO	x : No

Index

A

A/D converter offset calibration 127
 Absolute mode 110
 Absolute Update mode 110
 AES Rx, LCD 121
 AES stat, LCD 122
 AES Tx, LCD 121
 AES/EBU
 cables 23
 AES/EBU format
 channel status (Hex) 121
 input channel status (ASCII) 122
 input channel status (Hex) 121
 user bits 122
 AFL key 62
 AFL LEVEL control 62
 AFL mode 62
 ALL Trk mode 110
 Analog input/output specs 175
 Appendix A 153
 Appendix B 170
 Applications 1
 Associated Yamaha equipment 167
 At.CntEd, LCD 115
 At.MemEd, LCD 104, 109, 114
 Audio/video system 1 146
 Audio/video system 2 147
 Auto Clock Display 17
 Auto C-R Monitor Screen 61
 Auto Effect Screen 77
 Auto EQ Screen 34
 Auto Fader Edit Screen 112
 AUTO key 100
 Auto.PLAY MIDI OUT 118
 AutoCopy, LCD 114, 117
 Automation
 aborting a recording 108
 Absolute mode 110
 Absolute Update mode 110
 address 106
 ALL Trk mode 110
 AUTO key 100
 Automation, LCD 101
 clearing all tracks 103
 counter 106
 Fader Edit, LCD 111
 first scene memory 104
 Full mode 109
 Insert mode 111
 insert mode & cut switch data 113
 loading data 117
 loading from disk 91
 locate modes 109
 MIDI clk 101
 MIDI Controllers 118

MIDI Program Change 118
 MIDI TC 101
 motor on/off 109
 off-line editing 115
 on-line edit 110
 playback 109
 punch in/out 114
 Quick mode 109
 REC Mode 111
 REC Trk mode 110
 Record Ready mode 107
 record start 107
 record stop 108
 record track select 106
 record undo 108
 recording procedure 100
 Relative mode 110
 Replace mode 111
 RETURN/NO RET 111
 saving data 117
 scene memory record 109
 synchronization 101
 take over time 111
 timecode 101
 track edit functions 116
 track setup 105
 what is it? 100
 what is recorded? 106
 Automation data, what is it? 29
 Aux 3 pan
 input channel 41
 monitor channel 48
 AUX SEND [ON] keys 66
 AUX Send Ducking 41
 AUX SEND LEVEL control 66
 Aux, LCD 40
 Auxiliary master sends 66
 AUX SEND [ON] keys 66
 AUX SEND LEVEL control 66
 metering 67
 monitoring 67
 outputs 66
 Auxiliary sends
 input channel 40
 monitor channel 48
 stereo channel 54

B

Backup battery ii
 Balance
 Balance, LCD 53
 C-R monitor 64
 stereo channel 53
 stereo output 59
 Battery, RAM card 93
 Bit shift
 BitShift, LCD 123
 digital outputs 123

 what is it? 123
 Bitshift, LCD 123
 Boot, LCD 125
 Bulk Dump
 cascade 136
 Controller assignments 133
 data blocks 191
 data format 184
 Device No. 132
 Edit Buf 133
 interval 132
 omni 132
 Program Change assignments 133
 RAM card 133
 request data 187
 setup data 133
 Bus isolation, cascade 135
 Bus output 55
 digital outputs 55
 metering 55
 monitoring 57
 output format 55
 output levels 56
 stereo pairs 56
 Bus pad, cascade 135
 Bus Stereo Link 56

C

Cables
 AES/EBU 23
 CD/DAT 23
 DDK 23
 JAE 23
 MIDI/MTC 24
 SDIF2 24
 wordclock 24
 Yamaha 8-pin DIN 23
 Cas.Iso, LCD 135
 Cascade
 Bulk Dump 136
 bus isolation 135
 bus pads 135
 Cas.Iso., LCD 135
 Cascade, LCD 135
 delay setup 134
 expanding channels 134
 MIDI 136
 scene memories 136
 solo 135
 CD/DAT format
 cables 23
 channel status 121
 copy prohibit 58
 input channel status (ASCII) 122
 input channel status (Hex) 121
 user bits 122
 Ch Link, LCD 86
 CH SELECT Keys 18

-
- Channel [SEL] Keys 18
 - Channel status, AES/EBU 121
 - Channels, selecting 18
 - Chorus (effect) 79
 - Cleaning the DMC1000 ii
 - Clock (real-time) 17
 - Clock, LCD 17
 - Compressor (effect) 83
 - Connecting cable notes 23
 - Connector contacts, cleaning ii
 - Connector pin out details 178
 - Console status keys 28
 - Console, an explanation 3
 - Constant Energy EQ mode 35
 - Constant Q EQ mode 35
 - Control, LCD 131
 - Controllers
 - assignment table 194
 - Bulk Dump 133
 - Channel mode 131
 - parameter assign 131
 - Register mode 131
 - Copy prohibit 58
 - Copying track data 117
 - Copyright notice ii
 - C-R monitor 61
 - AFL LEVEL control 62
 - balance 64
 - CUE key 61
 - digital outputs 61
 - DIM [ON] key 63
 - DIM LEVEL control 63
 - EXT key 61
 - LARGE LEVEL control 64
 - metering 64
 - MONO key 62
 - SMALL key 64
 - SMALL LEVEL control 64
 - ST key 62
 - CUE [MON] key 65
 - CUE [ON] key 65
 - CUE key, C-R monitor 61
 - CUE LEVEL control 65
 - Cue monitor 65
 - CUE LEVEL control 65
 - metering 65
 - MON key 65
 - ON key 65
 - outputs 65
 - STUDIO MONITOR [ON] key 65
 - STUDIO MONITOR LEVEL control 65
 - CUE Sel, LCD 61, 67
 - Cut switch data, editing 113
- D**
- Data organization 29
 - DDK cable 23
 - Delay 37
 - Delay L/R (effect) 81
 - Delay, LCD 37
 - DelayMon, LCD 37
 - Deleting files, floppy disk 91
 - Digital audio formats 165
 - Digital input specs 176
 - Digital output specs 177
 - DIM key 63
 - DIM LEVEL control 63
 - Dimensions 181
 - DIO Sel. LCD
 - 2TR input & inputs 7 & 8 69
 - stereo channel input select 50
 - Direct output
 - input channel 32
 - monitor channel 45
 - stereo channel 51
 - Disk compatibility 90
 - Disk format 90
 - Disk, LCD 89
 - DMC1000
 - applications 1
 - essential settings 24
 - features 1
 - introduction 1
 - terminology 2
 - what is it? 1
 - DRU8/DMC1000 system 140
 - DSP reset 128
 - Ducking, auxiliary sends 41
- E**
- Early ref. 1 (effect) 80
 - Early ref. 2 (effect) 80
 - Echo, MIDI 129
 - Edit buffer, Bulk Dump 133
 - Edit controllers 137
 - Edit Sw, LCD 113
 - Effect 1, LCD 76
 - Effect 2, LCD 76
 - Effect parameters
 - Chorus 79
 - Compressor 83
 - Delay L/R 81
 - Early ref. 1 80
 - Early ref. 2 80
 - Exciter 82
 - Flange 79
 - Gate reverb 81
 - Panpot 83
 - Phasing 79
 - Pitch change 1 82
 - Pitch change 2 82
 - Rev 1 hall A 78
 - Rev 1 hall B 78
 - Rev 2 room 78
 - Rev 3 vocal 78
 - Rev 4 plate 78
 - Reverse gate 81
 - Stereo delay 81
 - Symphonic 79
- Effects 75**
- external effects 75
 - external effects, using 77
 - internal effect parameters 78
 - internal effects 75
 - internal effects list 75
 - internal effects, using 76
- Emp. mon, LCD 119**
- Emphasis**
- Emp. mon, LCD 119
 - Emphasis, LCD 119
 - input monitor 119
 - M format 120
 - output 119
 - what is it? 120
 - Yamaha 8-pin DIN 120
- EQ 33**
- EQ bypass key**
- input channel 33
 - monitor channel 46
 - stereo channel 52
- EQ Modes 35**
- EQ.graph, LCD 35**
- Equaliz., LCD 34**
- Equalize Constant 35**
- Erase protection tabs, floppy disk 89**
- Error messages 154**
- ESAM II**
- command list 137
 - source mode 137
- Exciter (effect) 82**
- EXT key, C-R monitor 61**
- EXT Mon, LCD 68**
- External effects 75**
- External effects, using 77**
- Extract, track function 116**
- F**
- f controls 34
 - Fade time 99
 - Fade Time, LCD 99
 - Fader
 - Absolute mode 110
 - bus output 56
 - calibration 127
 - Edit Mode 110
 - Fader Edit, LCD 111
 - grouping 84
 - input channel 39
 - Input, LCD 39
 - monitor channel 47
 - on/off 109
 - out of range 112
 - Relative mode 110
-

stereo channel 54
 stereo output 59
 touch sense 18
 Fall time, setting 74
 Features 1
 File types 89
 Flange (effect) 79
 Flip keys 28
 Floppy disk
 compatibility 90
 deleting files 91
 Disk, LCD 89
 erasure protection tabs 89
 file types 89
 formatting 90
 handling 89
 listing all files 90
 loading automation data 91
 loading data 90
 operations 89
 saving data 90
 what can be saved? 30
 Formatting
 floppy disk 90
 RAM card 93
 Full locate mode 109
 Function LCD
 customizing 20
 using 19
 Further reading 164

G

GAIN controls, EQ 34
 Gate reverb (effect) 81
 General mode, scene memories 97
 Getting around the LCD functions 19
 Getting started 17
 GLOBAL key 88
 Glossary 163
 Group outputs, *see* Bus output
 Grouping faders 84
 Grouping Memory 85
 Grouping, LCD 84

H

Hard disk recorder/DMC1000 system 148
 Headphones, *see* Phones
 HIGH [SHELF] key 34
 HPF
 input channel 33
 monitor channel 46
 stereo channel 52

I

I.Format LCD

2TR monitor 68
 input channel 31
 monitor channel 44
 Input channel 31
 aux 3 pan 41
 auxiliary sends 40
 delay 37
 direct output 32
 EQ key 33
 fader 39
 HPF 33
 input channels 7 & 8 69
 input connections 31
 input format, setting 31
 insert 36
 LPF 33
 metering 41
 ON key 38
 pad 33
 pan 38
 phase 38
 routing 38
 SOLO key 40
 stereo pairs 42
 Input format
 2TR monitor input 68
 input channel 31
 monitor channel 44
 Input, LCD 39
 Ins. On, LCD 36
 Ins. Pre, LCD 36
 Insert
 input, monitor & stereo channels 36
 stereo output 58
 Insert mode, automation 111
 Installation ii
 Internal effect parameters 78–83
 Internal effects 75
 Internal effects list 75
 Internal effects, using 76
 Internal Mem. Protect 94
 Internal scene memories 92
 Internal scene memories, what are they? 29
 Introduction 1
 Items supplied with the DMC1000 iii

J

JAE cable 23

L

L STEREO R meters 73
 LARGE LEVEL control 64
 Large monitor, *see* C-R monitor
 LCD contrast 14
 LCD function

AES Rx 121
 AES stat 122
 AES Tx 121
 At.CntEd 115
 At.MemEd 104, 109, 114
 AutoCopy 114, 117
 Automation 101
 Aux 40
 Balance *see* Balance
 BitShift 123
 Boot 125
 Bulk 132
 Cas.Iso 135
 Cascade 135
 Ch Link 86
 Clock 17
 Control 131
 CUE Sel 61
 Delay 37
 DelayMon 37
 DIO Sel. *see* DIO Sel.
 Disk 89
 Edit Sw 113
 Effect 1 76
 Effect 2 76
 Emp. mon 119
 Emphasis 119
 EQ.graph 35
 Equaliz. 34
 EXT Mon 68
 Fade Time 99
 Fader Edit 111
 Function 19
 Grouping 84
 I.Format *see* I.Format
 Input 39
 Ins. On 36
 Ins. Pre 36
 M Emph 120
 Master 56
 Meter 73
 MIDI 129
 O.Format *see* O.Format
 OSC 72
 Pad *see* Pad
 Panpot, *see* Panpot, LCD
 Phase 38
 Program 130
 RAM Card 93
 REC Prm 105
 Routing, *see* Routing LCD
 S/R Prm. 97
 SOLO 63
 ST Const 42
 Sys.Gen 125
 SYS.Init 126
 Talkback 71
 TimeCode 102
 TimeDate 17

- Title.ed 96
- Trk.Edit 116
- User Bit 122
- WCLK Sel 25
- LCD functions
 - getting around 19
 - selecting parameters 20
 - setting parameters 21
- LCD messages 154
- LEVEL control 47
- Link parameter Memory 88
- Linking
 - Ch Link, LCD 86
 - CH SELECT keys 86
 - selecting parameters 86
 - storing link setups 88
- Listing files 90
- Loading
 - automation data 117
 - from floppy disk 90
 - system software 125
- LOW [SHELF] key 34
- LPF
 - input channel 33
 - monitor channel 46
 - stereo channel 52
- M**
 - M Emph, LCD 120
 - M format
 - diagram 166
 - emphasis
 - M Emph, LCD 120
 - summary 163
 - Manual notes 2
 - Master LCD
 - AFL control 62
 - AUX send levels 66
 - bus faders 56
 - DIM control 63
 - stereo fader 59
 - Mem Recall Confirmation 95
 - Mem Store Confirmation 94
 - Memory display 92
 - Merge, track function 116
 - Meter bank I 73
 - Meter bank II 74
 - Meter bank III 74
 - Meter banks 73
 - Meter, LCD 73
 - Metering
 - auxiliary sends 67
 - bus outputs 55
 - C-R monitor 64
 - Cue monitor 65
 - fall time, setting 74
 - input channel 41
 - L STEREO R meters 73
 - meter bank I 73
 - meter bank II 74
 - meter bank III 74
 - monitor channel 49
 - peak [HOLD] key 74
 - peak hold, setting 74
 - stereo channel 54
 - stereo output 59
- MIDI
 - basic setup 129
 - Bulk Dump 132
 - Bulk Dump, what is it? 30
 - Bulk, LCD 132
 - cascade 136
 - Channel mode 131
 - Controller assign 131
 - Controller assignment table 194
 - Controllers 131
 - Controllers & automation 118
 - data format 182
 - echo 129
 - implementation chart 218
 - MIDI Remote 101
 - MIDI, LCD 129
 - omni 129
 - PLAY Repeat 101
 - Program Change 130
 - Program Change & automation 118
 - Program Change assignment table 193
 - receive diagram 182
 - Register mode 131
 - scene memory to Program Change
 - assign 130
 - sending & receiving 129
 - sending diagram 183
- MIDI clk, automation sync 101
- MIDI IN Auto.REC 118
- MIDI TC, automation 101
- MIDI/MTC cables 24
- Mitsubishi multitrack/DMC1000
 - system 151
- MIX key 28
- Mix mode, an explanation 28
- Mix scene, *see* Scene memories
- MON key 34
- MON keys 28
- Monitor channel 44
 - aux 3 pan 48
 - auxiliary sends 48
 - delay 37
 - direct output 45
 - EQ key 46
 - fader 47
 - HPF 46
 - input connections 44
 - input format, setting 44
 - insert 36
- LEVEL control 47
- LPF 46
- metering 49
- ON key 46
- pad 45
- pan 47
- phase 38
- routing 46
- SOLO key 48
- stereo pairs 49
- Monitoring
 - 2TR monitor input 68
 - auxiliary sends 67
 - bus outputs 57
- MONO key, C-R monitor 62
- Motor on/off 109
- MS decoder 43
- Mute key
 - input channel 38
 - monitor channel 46
 - stereo channel 52
- N**
 - NEXT key 19
 - Noise shaping 60
- O**
 - O.Format LCD
 - bus output 55
 - input channel direct out 32
 - monitor channel direct out 45
 - stereo channel direct out 51
 - Off-line editing 115
 - Omni, MIDI 129
 - ON keys
 - input channel 38
 - monitor channel 46
 - stereo channel 52
 - stereo output 58
 - On-line editing 110
 - Operating precautions & notes i
 - Operating system
 - backing up 125
 - loading 125
 - Operating system software, what is it? 30
 - OSC, LCD 72
 - Oscillator 72
 - Output format
 - bus output 55
 - C-R monitor 61
- P**
 - Pad
 - input channel 33
 - monitor channel 45

stereo channel 51

Pan

- input channel 38
- monitor channel 47
- stereo channel 53

Panpot (effect) 83

Panpot, LCD

- input channel 38
- input channel aux 3 send 41
- monitor channel 47
- monitor channel aux 3 send 48
- stereo channel 53

Peak [HOLD] key 74

Peak hold, setting 74

Phase 38

Phasing (effect) 79

Phones

- LEVEL control 64
- see also* C-R monitor

PHONES LEVEL control 64

Pitch change 1 (effect) 82

Pitch change 2 (effect) 82

PLAY Repeat 101

Playback, automation 109

Power on/off procedure 17

Power switch 17

PREV key 19

Program Change

- assignment table 193
- Bulk Dump 133
- scene memory assign 130

Program, LCD 130

Project Manager software 169

Punch in/out, automation 114

Q

Q controls 34

Quick locate mode 109

R

RAM card

- bank selecting 93
- battery 93
- Bulk Dump 133
- formatting 93
- installing 93
- loading scene memories 94
- RAM Card, LCD 93
- scene memories 92
- scene memories, what are they? 30
- working with 93
- write protect 93

Real-time clock 17

- setting 17
- timer 18

Rear panel, an explanation 13

REC key 28

Rec mode, an explanation 28

REC Prm, LCD 105

REC Trk mode 110

Recalling scene memories 95

Record Ready mode 107

Relative mode 110

Remote connection 137

Remote parity 137

Replace mode 111

RETURN/NO RET 111

Rev 1 hall A (effect) 78

Rev 1 hall B (effect) 78

Rev 2 room (effect) 78

Rev 3 vocal (effect) 78

Rev 4 plate (effect) 78

Reverse gate (effect) 81

Routing

- input channel 38
- monitor channel 46
- stereo channel 52

Routing [MON] keys 28

Routing LCD

- AFL 40
- direct out 32, 45, 51
- stereo input select 50

S

S/R prm. to Scene Mem. 98

S/R Prm., LCD 97

Safe channels 63

Safety information i

Sampling frequency *see* Wordclock

Saving automation data 117

Saving data, floppy disk 90

Scene memories

- At.MemEd, LCD 114
- cascade 136
- data table 170
- fade time 99
- first in an automix 104
- General mode 97
- internal memory protect 94
- loading from RAM card 94
- number display 92
- Program Change assign 130
- RAM card scene memories 92
- recall confirmation 95
- recalling 95
- record on-the-fly 109
- scene memory 0 92
- Scene mode 97
- store & recall of certain parameters 97
- store confirmation 94
- storing 94
- swap 94
- title store prohibit 96
- titling 96

what are they? 92

Scene mode, scene memories 97

SCMS *see* CD/DAT

- Copy prohibit 58

SDIF2 format

- cables 24
- diagram 165
- summary 164

Selecting

- channels 18
- LCD function parameters 20

Setting

- LCD function parameters 21

Setup data

- Bulk Dump 133
- data table 172
- what is it? 29

Set-up Memory Protect 90

SetupMem Change BULK Out 133

SHELF keys 34

Slate 70

- Bus assign 71
- oscillator setup 72

SMALL key 64

SMALL LEVEL control 64

Small monitor, *see* C-R monitor

Snapshot, *see* Scene memories

Solo

- AFL key 62
- AFL LEVEL control 62
- AFL mode 62
- cascade 135
- safe channels 63
- SOLO mode 62
- SOLO, LCD 63

SOLO [AFL] key 62

SOLO keys

- input channel 40
- monitor channel 48
- stereo channel 54

Sony multitrack/DMC1000 system 149

Source mode, ESAM II 137

Specifications

- analog input/output 175
- digital input 176
- digital output 177
- general 174

Routing LCD

- C-R Monitor 62

ST Const, LCD 42

ST key, C-R monitor 62

Stereo channel 50

- auxiliary sends 54
- delay 37
- direct output 51
- EQ key 52
- fader 54
- HPF 52
- input connections 50

- input select 50
 - insert 36
 - LPF 52
 - metering 54
 - ON key 52
 - pad 51
 - pan 53
 - phase 38
 - routing 52
 - SOLO key 54
 - Stereo delay (effect) 81
 - Stereo output 58
 - balance 59
 - copy prohibit 58
 - digital outputs 58
 - fader 59
 - insert 58
 - metering 59
 - noise shaping 60
 - ON key 58
 - Stereo pairs
 - bus outputs 56
 - input channels 42
 - monitor channels 49
 - Store Req.IN Prohibit 136
 - Store Req.OUT Prohibit 136
 - Storing scene memories 94
 - STUDIO MONITOR [ON] key 65
 - STUDIO MONITOR LEVEL control 65
 - Studio monitor, *see* Cue monitor
 - Swap
 - scene memories 94
 - track function 116
 - Symphonic (effect) 79
 - Synchronization, automation 101
 - Sys.Gen, LCD 125
 - SYS.Init, LCD 126
 - System examples
 - 24-track DMC1000 142
 - 8-track DRU8/DMC1000 140
 - audio/video system 1 146
 - audio/video system 2 147
 - hard disk recorder 148
 - Mastering to a digital 2-track 145
 - Mastering to a YPDR601 145
 - Mastering to an analog 2-track 145
 - mastering to DAT 144
 - Mitsubishi multitrack 151
 - Sony multitrack 149
 - System initialize 126
 - System software, loading 125
- T**
- Take over time 111
 - Talkback
 - Bus assign 71
 - modes 70
 - Talkback, LCD 71
 - Tape returns, *see* Monitor channel
 - TC Drop Warning Prohibit 102
 - Terminology 2
 - Time Code Frame Erase 102
 - Timecode
 - drop out warning 102
 - frame erase 102
 - frame type 102
 - source 102
 - start time 102
 - TimeCode, LCD 102
 - Timecode, automation sync 101
 - TimeDate, LCD 17
 - Timer 18
 - Title Store Prohibit 96
 - Title.ed, LCD 96
 - Titling scene memories 96
 - Touch sense fader 18
 - Touring the DMC1000 3
 - Tracks
 - AutoCopy, LCD 117
 - clear 116
 - clearing all 103
 - copying 117
 - edit functions 116
 - extract function 116
 - merge 116
 - record track select 106
 - setup 105
 - swap function 116
 - Trademarks ii
 - Trk.Edit, LCD 116
 - Troubleshooting 153
 - Two track monitor input
 - input channels 7 & 8 69
 - inputs 68
 - monitoring 68
- U**
- Undo
 - last recording 108
 - UNDO key 19
 - User bits
 - AES/EBU & CD/DAT formats 122
 - User Bit, LCD 122
 - what are they? 122
- V**
- Video edit controller 137
 - Video editors 137
- W**
- Warnings i
 - Welcome to the DMC1000 1

- Wordclock
 - cables 24
 - setting the source 25
 - sources available 27
 - WCLK Sel, LCD 25
 - what is it? 24
 - Write protect, RAM card 93
- Y**
- Yamaha
 - associated DMC1000 equipment 167
 - Yamaha Y1 format
 - diagram 165
 - summary 164
 - Yamaha Y2 format
 - 8-pin DIN emphasis 120
 - diagram 165
 - summary 164
 - YDC cables 23

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