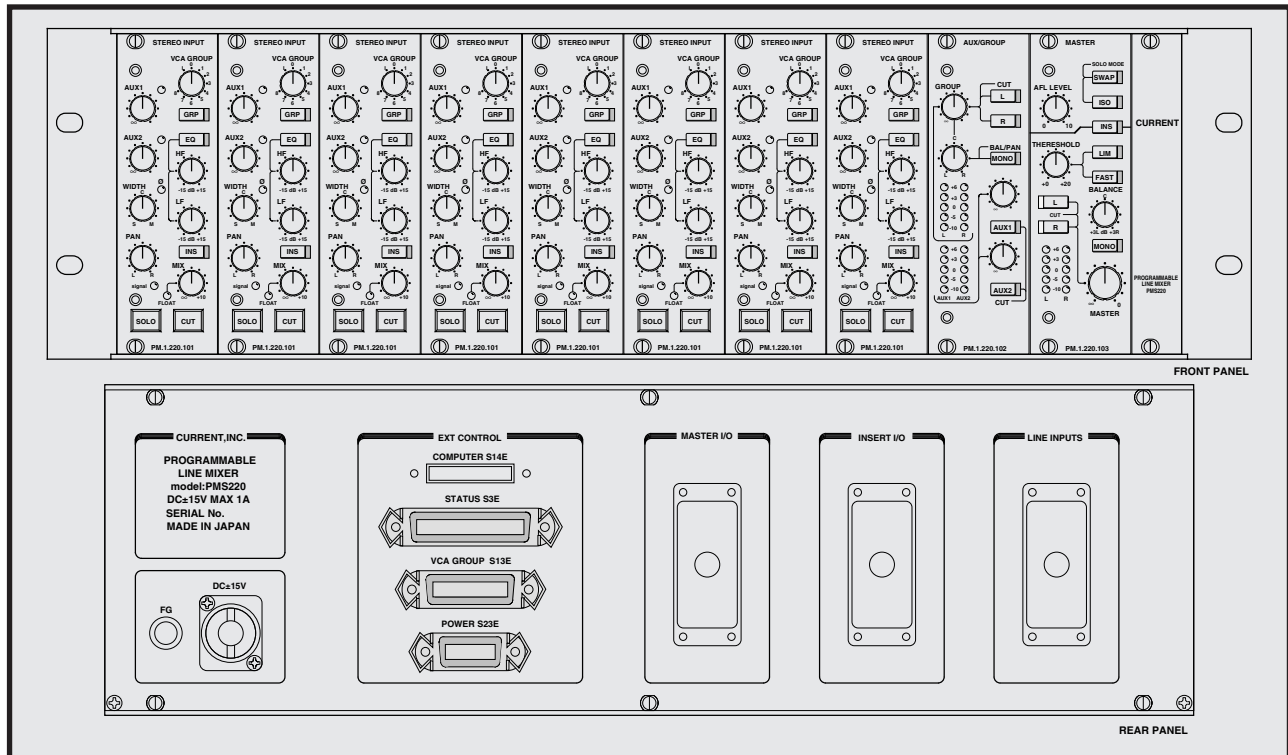


# CURRENT PRODUCTS model:PMS220

## PROGRAMMABLE STEREO CONSOLE



8 stereos

40mm modular construction

SOLO, CUT

2 AUX send

VCA grouping

Input module insertion

Computer automation support

Master limiter

STEREO WIDTH control

19 inches 3U size

**PMS220 is a line mixer of the rack mount type of 8 stereo channels which are most suitable for submixers. It provides in channel solo, a cut, EQ, a VCA group, a stereo group bus and master limiter-circuit. Moreover, the computer automation is possible using input and output of the VCA of the rear panel, too.**

### "STEREO INPUT"

2 AUX send and one group send (stereo) implement the stereo input module, and the signal is sent after mix level. As for the AUX send, the push / push of the knob, the group send can do ON/OFF by a switch. By FLOAT possibility, it can send it to a group bus with the balance different from the mix bus when it pushes a mix level knob. Moreover, it implements the Shelving type EQ for High and Low of the  $\pm 15$ dB variable. By WIDTH knob, it can control the expanse of the stereo.  $\phi$  LED turns on when it pushes this knob, and, for in phase, a variable can do reverse phased balance. It is possible for a variable level of the center by this function. In addition, by 'INS', it can insert an outboard.

### "AUX/GROUP MASTER"

It is provided for the AUX group master AUX1, 2 master levels and the cut switch and group master level and the L/R cut switch. It implements 5 points of output level meters to AUX and both modules of the group.

### "MASTER"

Master level, L/R cut, balance of mono switch,  $\pm 3$ dB, master insertion switch and AFL level implement the master module. When they link a solo logic with an external console, 'SWAP' and 'ISO' button become effective.

'SWAP' makes a solo link select whether it is channel fader or monitor fader. 'ISO' is the solo isolate switch that PMS220 does not accept a solo command from external. In addition, the limiter-circuit is implemented to a master module, too, and threshold level and a change of the response speed are possible.

### "Others"

When it is connected to the SSL console and performs automation, it requires PMS221 status unit. In addition, an external power supply unit is attached to PMS220.



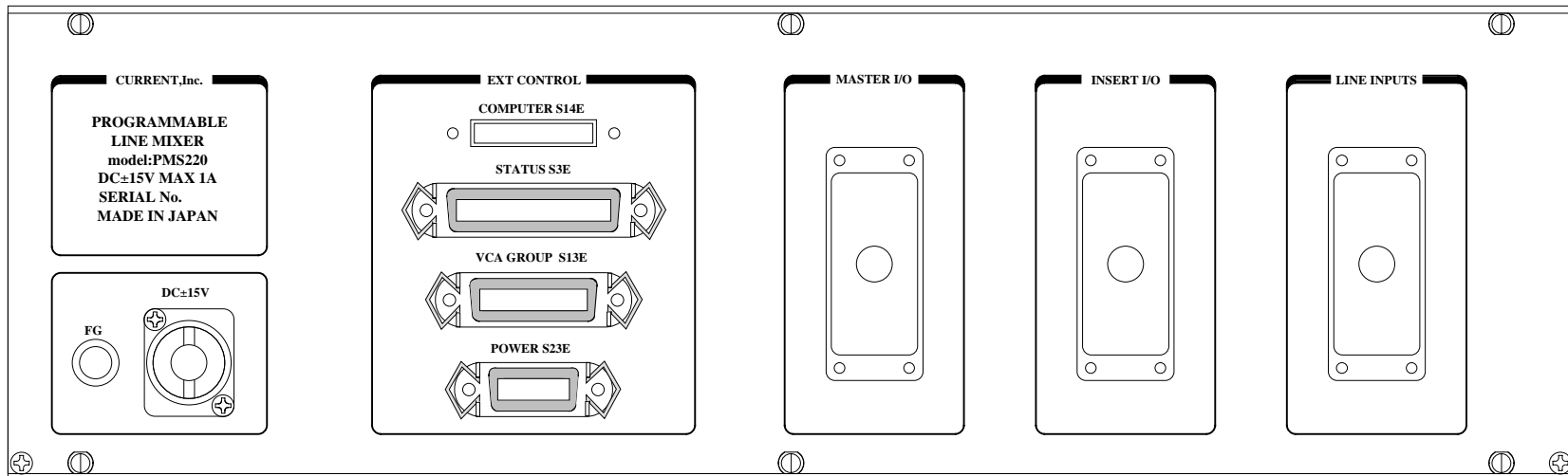
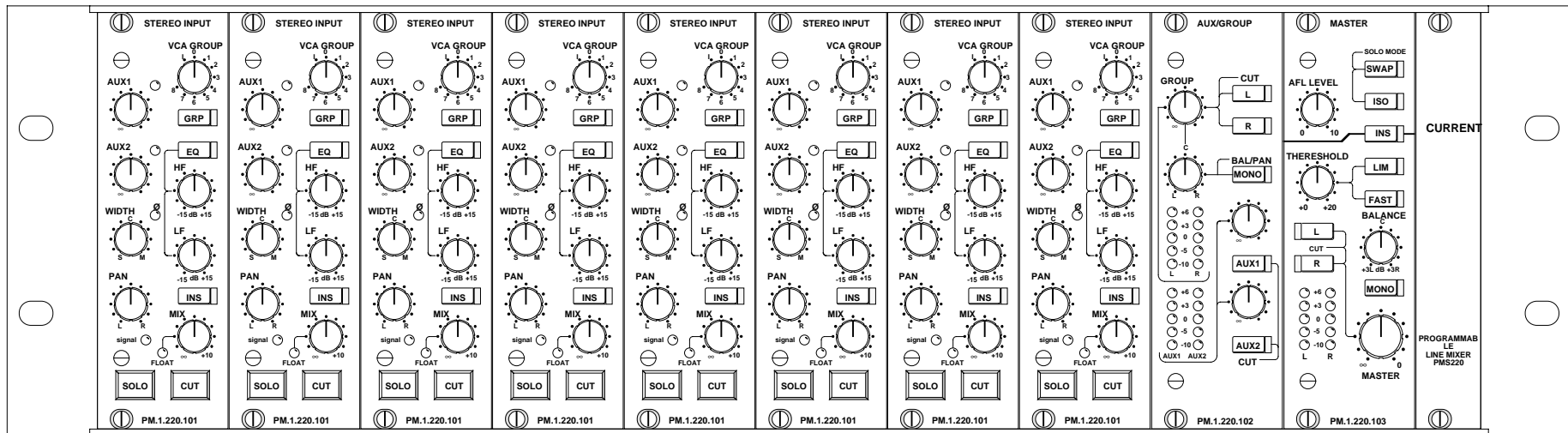
### SPECIFICATIONS

- ▲LINE INPUTS: 8 STEREO BALANCED, 24k $\Omega$ , +4dBu, MAX +24dBu
- ▲MASTER OUTPUTS: BALANCED, 33 $\Omega$ , +4dBu, MAX +24dBu
- ▲CHANNEL & MASTER INSERT I/O: REF LEVEL=0dBu
- ▲FREQUENCY RESPONSE: 20Hz-20kHz  $\pm 0.1$ dB
- ▲THD: <0.01% at 1kHz reference level
- ▲EIN: <-90dB
- ▲AUDIO I/O CONNECTOR: DL2-96R
- ▲CONTROL CONNECTOR: 57-40XXX type, 20way ribbon
- ▲MAINS: 100VAC 50/60Hz 50W(MAX)
- ▲DIMENSIONS: 482Wx132.5Hx360D, 8.5kg

8 stereo mix      PMS220      ¥2,400,000

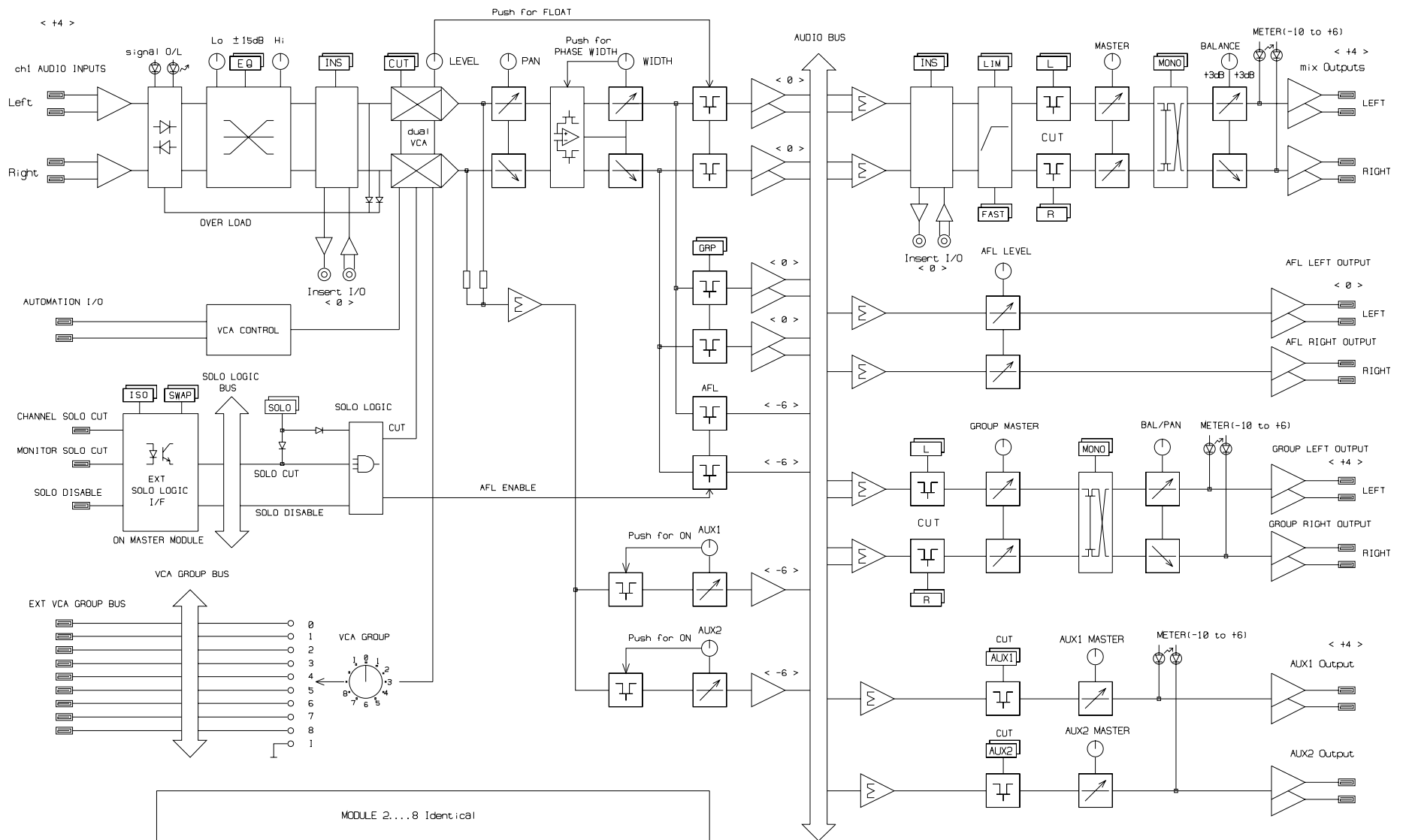
accessory : AC cable

The specifications are subject to change without notice.  
2-26-11 AKATSUTSUMI, SETAGAYA-KU, TOKYO, 156-0044 JAPAN



DIMENSIONS=483.5(w)x132.5(h)x350(d)

CURRENT, INC.	PROGRAM CONSOLE PMS220	JAN.97
H.I.CHIHASHI	FRAME DIAGRAM	



MAIN FRAME : PM. 1. 220. 000  
 INPUT MODULE: PM. 1. 220. 101  
 AUX/GROUP : PM. 1. 220. 102  
 MASTER : PM. 1. 220. 103  
 BUS CARD : PM. 1. 220. 201

(c) CURRENT, INC.	STEREO LINE MIXER PMS220	JUL 94
H. Ichihashi	SYSTEM BLOCK DIAGRAM	PMS220-B

# PMS220 "Line Inputs" Connector Pin List (DL96-R)

CH	+++	---	0	Designation
1	A1	B1	C1	LINE INPUT 1L
2	A2	B2	C2	LINE INPUT 1R
3	A3	B3	C3	LINE INPUT 2L
4	A4	B4	C4	LINE INPUT 2R
5	A5	B5	C5	LINE INPUT 3L
6	A6	B6	C6	LINE INPUT 3R
7	A7	B7	C7	LINE INPUT 4L
8	A8	B8	C8	LINE INPUT 4R
9	D1	E1	F1	
10	D2	E2	F2	
11	D3	E3	G1	
12	D4	E4	G2	
13	D5	E5	G7	
14	D6	E6	G8	
15	D7	E7	F7	
16	D8	E8	F8	
17	L1	K1	J1	
18	L2	K2	J2	
19	L3	K3	H1	
20	L4	K4	H2	
21	L5	K5	H7	
22	L6	K6	H8	
23	L7	K7	J7	
24	L8	K8	J8	
25	P1	N1	M1	LINE INPUT 5L
26	P2	N2	M2	LINE INPUT 5R
27	P3	N3	M3	LINE INPUT 6L
28	P4	N4	M4	LINE INPUT 6R
29	P5	N5	M5	LINE INPUT 7L
30	P6	N6	M6	LINE INPUT 7R
31	P7	N7	M7	LINE INPUT 8L
32	P8	N8	M8	LINE INPUT 8R

# PMS220 Insert I/O Connector Pin List (DL96-R)

CH	+++	---	0	Designation
1	A1	B1	C1	INSERT SEND 1L
2	A2	B2	C2	INSERT SEND 1R
3	A3	B3	C3	INSERT RETURN 1L
4	A4	B4	C4	INSERT RETURN 1R
5	A5	B5	C5	INSERT SEND 2L
6	A6	B6	C6	INSERT SEND 2R
7	A7	B7	C7	INSERT RETURN 2L
8	A8	B8	C8	INSERT RETURN 2R
9	D1	E1	F1	INSERT SEND 3L
10	D2	E2	F2	INSERT SEND 3R
11	D3	E3	G1	INSERT RETURN 3L
12	D4	E4	G2	INSERT RETURN 3R
13	D5	E5	G7	INSERT SEND 4L
14	D6	E6	G8	INSERT SEND 4R
15	D7	E7	F7	INSERT RETURN 4L
16	D8	E8	F8	INSERT RETURN 4R
17	L1	K1	J1	INSERT SEND 5L
18	L2	K2	J2	INSERT SEND 5R
19	L3	K3	H1	INSERT RETURN 5L
20	L4	K4	H2	INSERT RETURN 5R
21	L5	K5	H7	INSERT SEND 6L
22	L6	K6	H8	INSERT SEND 6R
23	L7	K7	J7	INSERT RETURN 6L
24	L8	K8	J8	INSERT RETURN 6R
25	P1	N1	M1	INSERT SEND 7L
26	P2	N2	M2	INSERT SEND 7R
27	P3	N3	M3	INSERT RETURN 7L
28	P4	N4	M4	INSERT RETURN 7R
29	P5	N5	M5	INSERT SEND 8L
30	P6	N6	M6	INSERT SEND 8R
31	P7	N7	M7	INSERT RETURN 8L
32	P8	N8	M8	INSERT RETURN 8R

# PMS220 "Master I/O" Connector Pin List (DL96-R)

CH	+++	---	0	Designation
1	A1	B1	C1	MASTER OUTPUT LEFT
2	A2	B2	C2	MASTER OUTPUT RIGHT
3	A3	B3	C3	MASTER INSERT SEND LEFT
4	A4	B4	C4	MASTER INSERT SEND RIGHT
5	A5	B5	C5	MASTER INSERT RETURN LEFT
6	A6	B6	C6	MASTER INSERT RETURN RIGHT
7	A7	B7	C7	AFL OUTPUT LEFT
8	A8	B8	C8	AFL OUTPUT RIGHT
9	D1	E1	F1	
10	D2	E2	F2	
11	D3	E3	G1	
12	D4	E4	G2	
13	D5	E5	G7	
14	D6	E6	G8	
15	D7	E7	F7	
16	D8	E8	F8	
17	L1	K1	J1	
18	L2	K2	J2	
19	L3	K3	H1	
20	L4	K4	H2	
21	L5	K5	H7	
22	L6	K6	H8	
23	L7	K7	J7	
24	L8	K8	J8	
25	P1	N1	M1	AUX1 OUTPUT
26	P2	N2	M2	AUX2 OUTPUT
27	P3	N3	M3	GROUP OUTPUT LEFT
28	P4	N4	M4	GROUP OUTPUT RIGHT
29	P5	N5	M5	
30	P6	N6	M6	
31	P7	N7	M7	
32	P8	N8	M8	

# PMS220 STSATUS "S3E" 57-40360

Ribbon	Hard	Signal name	Designation	Active
1	1			
2	19			
3	2			
4	20			
5	3	CHANNEL SOLO CUT BUS		
6	21			
7	4			
8	22			
9	5	MONITOR SOLO CUT BUS		
10	23			
11	6			
12	24			
13	7			
14	25			
15	8	SOLO DISABLE		
16	26			
17	9			
18	27			
19	10			
20	28			
21	11			
22	29			
23	12			
24	30			
25	13			
26	31			
27	14			
28	32			
29	15			
30	33			
31	16			
32	34			
33	17			
34	35			
35	18			
36	36			















## PMS220 'S14E' 50Way Ribbon Connector Pin List

Ribbon	Hard	Signal name	Designation	Active	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15		<b>OLD MODEL</b>			
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31		COMPUTER RETURN 1			
32		COMPUTER RETURN 2			
33		COMPUTER RETURN 3			
34		COMPUTER RETURN 4			
35		COMPUTER RETURN 5			
36		COMPUTER RETURN 6			
37		COMPUTER RETURN 7			
38		COMPUTER RETURN 8			
39					
40		COMPUTER RETURN COMMON			
41		COMPUTER SEND 1			
42		COMPUTER SEND 2			
43		COMPUTER SEND 3			
44		COMPUTER SEND 4			
45		COMPUTER SEND 5			
46		COMPUTER SEND 6			
47		COMPUTER SEND 7			
48		COMPUTER SEND 8			
49					
50		COMPUTER SEND COMMON			