

1.MAIN CODE (KASEIKYO CODE)

maker code				parity				Genre1				Genre2															
4		5		2		3		0				2				1											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0

bit39=0,bit40=0:DENON 1  
bit39=1,bit40=0:DENON 2

ID No.	HEX	DATA CODE																parity							
		29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
1	0 0 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
2	0 0 2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
3	0 0 3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
4	0 0 4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
5	0 0 5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
6	0 0 6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
7	0 0 7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
8	0 0 8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
9	0 0 9	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
10	0 0 A	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
12	0 0 C	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
13	0 0 D	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
14	0 0 E	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
15	0 0 F	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
16	0 1 0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
17	0 1 1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
18	0 1 2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0 1 3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
20	0 1 4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
21	0 1 5	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
22	0 1 6	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
23	0 1 7	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
24	0 1 8	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
25	0 1 9	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
26	0 1 A	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
27	0 1 B	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
28	0 1 C	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
29	0 1 D	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
30	0 1 E	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
31	0 1 F	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
32	0 2 0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
33	0 2 1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
34	0 2 2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
35	0 2 3	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
40	0 2 8	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
41	0 2 9	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
42	0 2 A	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
43	0 2 B	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
44	0 2 C	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
45	0 2 D	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
46	0 2 E	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
47	0 2 F	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
49	0 3 1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
50	0 3 2	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
51	0 3 3	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
52	0 3 4	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
53	0 3 5	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
55	0 3 7	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
56	0 3 8	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
57	0 3 9	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
60	0 3 C	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
61	0 3 D	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
62	0 3 E	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
65	0 4 1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	

Function
0
1
2
3
4
5
6
7
8
9
+ 10
SUBTITLE
AUDIO
ANGLE
OPEN/CLOSE ▲
POP UP MENU/MENU
RETURN
REPEAT
HDMI MODE
HDMI RESOLUTION
一時停止 ■■
停止
スキップ ▶▶▶
スキップ ▶▶▶▶
早送り ▶▶▶▶▶
早戻し ▶▶▶▶▶
再生 ▶
CLEAR
DISPLAY
RANDOM
CURSOR UP
CURSOR DOWN
CURSOR RIGHT
CURSOR LEFT
POWER ON
POWER OFF
A - B REPEAT
ENTER
SETUP
TOP MENU
CALL
SEARCH MODE
MODE
COLOR(A)
COLOR(B)
COLOR(C)
COLOR(D)
PAGE(+)
PICTURE ADJUST
DIMMER
DISC LAYER
PROGRAM/DIRECT
MASTER SOUND/PURE DIRECT
SOURCE

DVD-A1UD / A1UDCI IR CODE

2.SUB CODE ( SHARP CODE )

DATA CONSTRUCTION 15bits, C14=0, C15 0=NOT INVERTED, 1=INVERTED

Target Models : DVD-5910, 5910CI, A1XV, A1XVA, 3910, 2910, 3930, 2930

System Address(C1-C5):00010, Expanded Bits(C12,C13):01

CH	Data (C6-C11)	Name of button
1	1 0 0 0 0 0	0
2	0 1 0 0 0 0	1
3	1 1 0 0 0 0	2
4	0 0 1 0 0 0	3
5	1 0 1 0 0 0	4
6	0 1 1 0 0 0	5
7	1 1 1 0 0 0	6
8	0 0 0 1 0 0	7
9	1 0 0 1 0 0	8
10	0 1 0 1 0 0	9
11	1 1 0 1 0 0	
12	0 0 1 1 0 0	+10
13	1 0 1 1 0 0	SUBTITLE
14	0 1 1 1 0 0	AUDIO
15	1 1 1 1 0 0	ANGLE
16	0 0 0 0 1 0	OPEN/CLOSE
17	1 0 0 0 1 0	MENU
18	0 1 0 0 1 0	RETURN
19	1 1 0 0 1 0	
20	0 0 1 0 1 0	REPEAT

CH	Data (C6-C11)	Name of button
21	1 0 1 0 1 0	REPEAT
22	0 1 1 0 1 0	
23	1 1 1 0 1 0	
24	0 0 0 1 1 0	
25	0 0 0 1 1 0	SKIP>>
26	1 0 0 1 1 0	SKIP<<
27	0 1 0 1 1 0	>>
28	1 1 0 1 1 0	<<
29	1 0 1 1 1 0	
30	1 0 1 1 1 0	STILL/PAUSE
31	1 1 1 1 1 0	
32	0 0 0 0 0 1	PLAY
33	1 0 0 0 0 1	STOP
34	0 1 0 0 0 1	PROG./DIR
35	1 1 0 0 0 1	CLEAR
36	0 0 1 0 0 1	
37	1 0 1 0 0 1	
38	0 1 1 0 0 1	
39	1 1 1 0 0 1	DISPLAY
40	0 0 0 1 0 1	

CH	Data (C6-C11)	Name of button
41	1 0 0 1 0 1	
42	0 1 0 1 0 1	RANDOM
43	1 1 0 1 0 1	
44	0 0 1 1 0 1	UP ▲
45	1 0 1 1 0 1	DOWN ▼
46	0 1 1 1 0 1	RIGHT
47	1 1 1 1 0 1	LEFT
48	0 0 0 0 1 1	
49	1 0 0 0 1 1	POWER ON
50	0 1 0 0 1 1	
51	1 1 0 0 1 1	
52	0 0 1 0 1 1	
53	1 0 1 0 1 1	
54	0 1 1 0 1 1	
55	1 1 1 0 1 1	NTSC/PAL
56	0 0 0 1 1 1	
57	1 0 0 1 1 1	MARKER
58	0 1 0 1 1 1	A-B
59	1 1 0 1 1 1	ENTER
60	0 0 1 1 1 1	SETUP
61	1 0 1 1 1 1	TOP MENU
62	0 1 1 1 1 1	CALL
63	1 1 1 1 1 1	
64	0 0 0 0 0 0	

System Address(C1-C5):00100, Expanded Bits(C12,C13):01

CH	Data (C6-C11)	Name of button
1	1 0 0 0 0 0	2
2	0 1 0 0 0 0	2
3	1 1 0 0 0 0	2
4	0 0 1 0 0 0	2
5	1 0 1 0 0 0	2
6	0 1 1 0 0 0	2
7	1 1 1 0 0 0	2
8	0 0 0 1 0 0	2
9	1 0 0 1 0 0	2
10	0 1 0 1 0 0	
11	1 1 0 1 0 0	
12	0 0 1 1 0 0	
13	1 0 1 1 0 0	
14	0 1 1 1 0 0	
15	1 1 1 1 0 0	
16	0 0 0 0 1 0	
17	1 0 0 0 1 0	
18	0 1 0 0 1 0	
19	1 1 0 0 1 0	
20	0 0 1 0 1 0	

CH	Data (C6-C11)	Name of button
1	1 0 1 0 1 0	
2	0 1 1 0 1 0	
3	1 1 1 0 1 0	
4	0 0 0 1 1 0	
5	1 0 0 1 1 0	
6	0 1 0 1 1 0	
7	1 1 0 1 1 0	
8	0 0 1 1 1 0	
9	1 0 1 1 1 0	
30	0 1 1 1 1 0	SEARCH MODE
31	1 1 1 1 1 0	ZOOM
32	0 0 0 0 0 1	PICT.ADJUST
33	1 0 0 0 0 1	DIMMER
34	0 1 0 0 0 1	PURE DIRECT MEMORY
35	1 1 0 0 0 1	
36	0 0 1 0 0 1	
37	1 0 1 0 0 1	
38	0 1 1 0 0 1	
39	1 1 1 0 0 1	
40	0 0 0 1 0 1	

CH	Data (C6-C11)	Name of button
41	1 0 0 1 0 1	
42	0 1 0 1 0 1	
43	1 1 0 1 0 1	
44	0 0 1 1 0 1	
45	1 0 1 1 0 1	
46	0 1 1 1 0 1	
47	1 1 1 1 0 1	
48	0 0 0 0 1 1	
49	1 0 0 0 1 1	
50	0 1 0 0 1 1	
51	1 1 0 0 1 1	
52	0 0 1 0 1 1	
53	1 0 1 0 1 1	
54	0 1 1 0 1 1	
55	1 1 1 0 1 1	
56	0 0 0 1 1 1	
57	1 0 0 1 1 1	
58	0 1 0 1 1 1	
59	1 1 0 1 1 1	
60	0 0 1 1 1 1	
61	1 0 1 1 1 1	
62	0 1 1 1 1 1	
63	1 1 1 1 1 1	
64	0 0 0 0 0 0	

System Address(C1-C5):01100, Expanded Bits(C12,C13):11

CH	Data (C6-C11)	Name of button
1	1 0 0 0 0 0	2
2	0 1 0 0 0 0	2
3	1 1 0 0 0 0	2
4	0 0 1 0 0 0	2
5	1 0 1 0 0 0	2
6	0 1 1 0 0 0	2
7	1 1 1 0 0 0	2
8	0 0 0 1 0 0	2
9	1 0 0 1 0 0	2
10	0 1 0 1 0 0	
11	1 1 0 1 0 0	
12	0 0 1 1 0 0	
13	1 0 1 1 0 0	SUPER AUDIO CD SETUP
14	0 1 1 1 0 0	
15	1 1 1 1 0 0	
16	0 0 0 0 1 0	HDMI/DVI FORMAT
17	1 0 0 0 1 0	
18	0 1 0 0 1 0	
19	1 1 0 0 1 0	
20	0 0 1 0 1 0	PURE DIRECT SELECT

CH	Data (C6-C11)	Name of button
1	1 0 1 0 1 0	HDMI/DVI SELECT
2	0 1 1 0 1 0	
3	1 1 1 0 1 0	
4	0 0 0 1 1 0	
5	1 0 0 1 1 0	
6	0 1 0 1 1 0	
7	1 1 0 1 1 0	
8	0 0 1 1 1 0	
9	1 0 1 1 1 0	
30	0 1 1 1 1 0	
31	1 1 1 1 1 0	
32	0 0 0 0 0 1	
33	1 0 0 0 0 1	
34	0 1 0 0 0 1	
35	1 1 0 0 0 1	
36	0 0 1 0 0 1	
37	1 0 1 0 0 1	
38	0 1 1 0 0 1	
39	1 1 1 0 0 1	
40	0 0 0 1 0 1	

CH	Data (C6-C11)	Name of button
41	1 0 0 1 0 1	
42	0 1 0 1 0 1	
43	1 1 0 1 0 1	
44	0 0 1 1 0 1	
45	1 0 1 1 0 1	
46	0 1 1 1 0 1	
47	1 1 1 1 0 1	
48	0 0 0 0 1 1	
49	1 0 0 0 1 1	
50	0 1 0 0 1 1	
51	1 1 0 0 1 1	
52	0 0 1 0 1 1	
53	1 0 1 0 1 1	
54	0 1 1 0 1 1	
55	1 1 1 0 1 1	
56	0 0 0 1 1 1	
57	1 0 0 1 1 1	
58	0 1 0 1 1 1	
59	1 1 0 1 1 1	
60	0 0 1 1 1 1	
61	1 0 1 1 1 1	PAGE -
62	0 1 1 1 1 1	PAGE +
63	1 1 1 1 1 1	
64	0 0 0 0 0 0	POWER OFF