

DENON AVR-2808CI RC CODE**FORMAT SHARP****DATA CONSTRUCTION 15bit C14 0 C15 0=NOT INVERTED,1=INVERTED****REMOTE ID : 1****SYSTEM ADDRESS(C1~C5):01000,EXTENSION BIT(C12,C13):11**

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
0	0 0 0 0 0 0		16	0 0 0 0 1 0	FR LEVEL DOWN
1	1 0 0 0 0 0	POWER	17	1 0 0 0 1 0	
2	0 1 0 0 0 0	FL LEVEL UP	18	0 1 0 0 1 0	
3	1 1 0 0 0 0	PHONO	19	1 1 0 0 1 0	
4	0 0 1 0 0 0	CD	20	0 0 1 0 1 0	
5	1 0 1 0 0 0	TUNER	21	1 0 1 0 1 0	
6	0 1 1 0 0 0		22	0 1 1 0 1 0	SR LEVEL UP
7	1 1 1 0 0 0	FL LEVEL DOWN	23	1 1 1 0 1 0	SR LEVEL DOWN
8	0 0 0 1 0 0	SAT	24	0 0 0 1 1 0	VIDEO SELECT
9	1 0 0 1 0 0	TV/CBL	25	1 0 0 1 1 0	
10	0 1 0 1 0 0	HDP	26	0 1 0 1 1 0	
11	1 1 0 1 0 0	FR LEVEL UP	27	1 1 0 1 1 0	
12	0 0 1 1 0 0	V.AUX	28	0 0 1 1 1 0	ANALOG
13	1 0 1 1 0 0	VCR	29	1 0 1 1 1 0	CURSOR RIGHT
14	0 1 1 1 0 0	DVR	30	0 1 1 1 1 0	STATUS
15	1 1 1 1 0 0		31	1 1 1 1 1 0	ON SCREEN

SYSTEM ADDRESS(C1~C5):01000,EXTENSION BIT(C12,C13):11

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
32	0 0 0 0 0 1	OSD ENTER	48	0 0 0 0 1 1	MUTING
33	1 0 0 0 0 1	POWER ON	49	1 0 0 0 1 1	MASTER VOLUME UP
34	0 1 0 0 0 1	POWER OFF	50	0 1 0 0 1 1	MASTER VOLUME DOWN
35	1 1 0 0 0 1	DVD	51	1 1 0 0 1 1	SL LEVEL UP
36	0 0 1 0 0 1	STANDARD	52	0 0 1 0 1 1	SL LEVEL DOWN
37	1 0 1 0 0 1	SW LEVEL DOWN	53	1 0 1 0 1 1	CENTER LEVEL UP
38	0 1 1 0 0 1	DSP SIMULATION	54	0 1 1 0 1 1	CENTER LEVEL DOWN
39	1 1 1 0 0 1	SB/SBL LEVEL UP	55	1 1 1 0 1 1	SBR LEVEL UP
40	0 0 0 1 0 1		56	0 0 0 1 1 1	SBR LEVEL DOWN
41	1 0 0 1 0 1		57	1 0 0 1 1 1	TONE DEFEAT ON
42	0 1 0 1 0 1	TEST TONE	58	0 1 0 1 1 1	TONE DEEFAT OFF
43	1 1 0 1 0 1	SB/SBL LEVEL DOWN	59	1 1 0 1 1 1	
44	0 0 1 1 0 1	SW LEVEL UP	60	0 0 1 1 1 1	
45	1 0 1 1 0 1	SPEAKER	61	1 0 1 1 1 1	
46	0 1 1 1 0 1	SP-A ,FRONT	62	0 1 1 1 1 1	PRODUCT ON
47	1 1 1 1 0 1	SP-B	63	1 1 1 1 1 1	VERSION ON

DENON AVR-2808 RC CODE**FORMAT SHARP****DATA CONSTRUCTION 15bit C14 0 C15 0=NOT INVERTED,1=INVERTED****REMOTE ID : 1****SYSTEM ADDRESS(C1~C5):00110,EXTENSION BIT(C12,C13):01**

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
0	0 0 0 0 0 0	ALL BASS DOWN	16	0 0 0 0 1 0	ZONE2 CD
1	1 0 0 0 0 0		17	1 0 0 0 1 0	ZONE2 TUNER
2	0 1 0 0 0 0	SURROUND BACK	18	0 1 0 0 1 0	ZONE2 HDP
3	1 1 0 0 0 0	MASTER VOL PRESET1 (0dB)	19	1 1 0 0 1 0	ZONE2 V.AUX
4	0 0 1 0 0 0		20	0 0 1 0 1 0	ZONE2 VCR
5	1 0 1 0 0 0	MASTER VOL PRESET2 (-20dB)	21	1 0 1 0 1 0	
6	0 1 1 0 0 0	MASTER VOL PRESET3 (-40dB)	22	0 1 1 0 1 0	ZONE2 PRESET UP
7	1 1 1 0 0 0	ZONE2 VOL P1 (0dB)	23	1 1 1 0 1 0	ZONE2 PRESET DOWN
8	0 0 0 1 0 0	ZONE2 VOL P2 (-20dB)	24	0 0 0 1 1 0	
9	1 0 0 1 0 0	ZONE2 VOL P3 (-40dB)	25	1 0 0 1 1 0	ZONE2 DVR
10	0 1 0 1 0 0	ZONE2 SAT	26	0 1 0 1 1 0	
11	1 1 0 1 0 0		27	1 1 0 1 1 0	ZONE2 TV/CBL
12	0 0 1 1 0 0	ZONE3 VOL P1 (0dB)	28	0 0 1 1 1 0	
13	1 0 1 1 0 0	ZONE2 VOLUME UP	29	1 0 1 1 1 0	STEREO
14	0 1 1 1 0 0	ZONE2 VOLUME DOWN	30	0 1 1 1 1 0	DIRECT
15	1 1 1 1 0 0	ZONE2 PHONO	31	1 1 1 1 1 0	ZONE3 VOL P2 (-20dB)

SYSTEM ADDRESS(C1~C5):00110,EXTENSION BIT(C12,C13):01

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
32	0 0 0 0 0 1	SYSTEM SET UP	48	0 0 0 0 1 1	CH VOLUME UP
33	1 0 0 0 0 1	SURROUND PARAMETER	49	1 0 0 0 1 1	CH VOLUME DOWN
34	0 1 0 0 0 1	ZONE3 VOL P3 (-40dB)	50	0 1 0 0 1 1	
35	1 1 0 0 0 1	CURSOR UP	51	1 1 0 0 1 1	
36	0 0 1 0 0 1	CURSOR DOWN	52	0 0 1 0 1 1	
37	1 0 1 0 0 1		53	1 0 1 0 1 1	EXT.IN
38	0 1 1 0 0 1		54	0 1 1 0 1 1	INPUT MODE
39	1 1 1 0 0 1		55	1 1 1 0 1 1	ALL TREBLE UP
40	0 0 0 1 0 1	7CH STEREO	56	0 0 0 1 1 1	ALL TREBLE DOWN
41	1 0 0 1 0 1		57	1 0 0 1 1 1	SHIFT A(ANALOG TUNER)
42	0 1 0 1 0 1		58	0 1 0 1 1 1	SHIFT B(ANALOG TUNER)
43	1 1 0 1 0 1	SHIFT F(ANALOG TUNER)	59	1 1 0 1 1 1	SHIFT C(ANALOG TUNER)
44	0 0 1 1 0 1		60	0 0 1 1 1 1	SHIFT D(ANALOG TUNER)
45	1 0 1 1 0 1		61	1 0 1 1 1 1	SHIFT E(ANALOG TUNER)
46	0 1 1 1 0 1	SHIFT G(ANALOG TUNER)	62	0 1 1 1 1 1	ZONE2 DVD
47	1 1 1 1 0 1	CH SELECT	63	1 1 1 1 1 1	ALL BASS UP

DENON AVR-2808 RC CODE**FORMAT SHARP****DATA CONSTRUCTION 15bit C14 0 C15 0=NOT INVERTED,1=INVERTED****REMOTE ID : 1****SYSTEM ADDRESS(C1~C5):00110,EXTENSION BIT(C12,C13):10**

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
32	0 0 0 0 0 1		48	0 0 0 0 1 1	
33	1 0 0 0 0 1		49	1 0 0 0 1 1	
34	0 1 0 0 0 1		50	0 1 0 0 1 1	
35	1 1 0 0 0 1		51	1 1 0 0 1 1	
36	0 0 1 0 0 1		52	0 0 1 0 1 1	
37	1 0 1 0 0 1		53	1 0 1 0 1 1	
38	0 1 1 0 0 1		54	0 1 1 0 1 1	
39	1 1 1 0 0 1		55	1 1 1 0 1 1	
40	0 0 0 1 0 1		56	0 0 0 1 1 1	
41	1 0 0 1 0 1		57	1 0 0 1 1 1	
42	0 1 0 1 0 1		58	0 1 0 1 1 1	
43	1 1 0 1 0 1		59	1 1 0 1 1 1	
44	0 0 1 1 0 1		60	0 0 1 1 1 1	
45	1 0 1 1 0 1		61	1 0 1 1 1 1	
46	0 1 1 1 0 1		62	0 1 1 1 1 1	
47	1 1 1 1 0 1		63	1 1 1 1 1 1	CURSOR LEFT

SYSTEM ADDRESS(C1~C5):00110,EXTENSION BIT(C12,C13):11

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
0	0 0 0 0 0 0		16	0 0 0 0 1 0	
1	1 0 0 0 0 0	PRESET1(ANALOG TUNER)	17	1 0 0 0 1 0	
2	0 1 0 0 0 0	PRESET2(ANALOG TUNER)	18	0 1 0 0 1 0	RDS(ANALOG TUNER)
3	1 1 0 0 0 0	PRESET3 (ANALOG TUNER)	19	1 1 0 0 1 0	
4	0 0 1 0 0 0	PRESET4(ANALOG TUNER)	20	0 0 1 0 1 0	PTY(ANALOG TUNER)
5	1 0 1 0 0 0	PRESET5(ANALOG TUNER)	21	1 0 1 0 1 0	PRESET DOWN (ANALOG TUNER)
6	0 1 1 0 0 0	PRESET6(ANALOG TUNER)	22	0 1 1 0 1 0	PRESET UP(ANALOG TUNER)
7	1 1 1 0 0 0	PRESET7(ANALOG TUNER)	23	1 1 1 0 1 0	BAND (ANALOG TUNER)
8	0 0 0 1 0 0	PRESET8(ANALOG TUNER)	24	0 0 0 1 1 0	MODEAUTO/MANUAL (ANALOG TUNER)
9	1 0 0 1 0 0		25	1 0 0 1 1 0	TUNING UP(ANALOG TUNER)
10	0 1 0 1 0 0		26	0 1 0 1 1 0	TUNING DOWN (ANALOG TUNER)
11	1 1 0 1 0 0		27	1 1 0 1 1 0	
12	0 0 1 1 0 0	MEMORY(ANALOG TUNER)	28	0 0 1 1 1 0	
13	1 0 1 1 0 0	SHIFT(ANALOG TUNER)	29	1 0 1 1 1 0	
14	0 1 1 1 0 0	RT(ANALOG TUNER)	30	0 1 1 1 1 0	
15	1 1 1 1 0 0	DISPLAY	31	1 1 1 1 1 0	DIMMER

DENON AVR-2808 RC CODE**FORMAT SHARP****DATA CONSTRUCTION 15bit C14 0 C15 0=NOT INVERTED,1=INVERTED****REMOTE ID : 1****SYSTEM ADDRESS(C1~C5):01000,EXTENSION BIT(C12,C13):10**

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
0	0 0 0 0 0 0		16	0 0 0 0 1 0	
1	1 0 0 0 0 0		17	1 0 0 0 1 0	
2	0 1 0 0 0 0		18	0 1 0 0 1 0	ZONE3 TV
3	1 1 0 0 0 0		19	1 1 0 0 1 0	ZONE3 DBS
4	0 0 1 0 0 0		20	0 0 1 0 1 0	ZONE3 VCR
5	1 0 1 0 0 0		21	1 0 1 0 1 0	ZONE3 DVR
6	0 1 1 0 0 0		22	0 1 1 0 1 0	
7	1 1 1 0 0 0		23	1 1 1 0 1 0	ZONE3 VAUX
8	0 0 0 1 0 0	ZONE3 TUNER	24	0 0 0 1 1 0	
9	1 0 0 1 0 0	ZONE3 PHONO	25	1 0 0 1 1 0	
10	0 1 0 1 0 0	ZONE3 CD	26	0 1 0 1 1 0	
11	1 1 0 1 0 0		27	1 1 0 1 1 0	
12	0 0 1 1 0 0		28	0 0 1 1 1 0	
13	1 0 1 1 0 0		29	1 0 1 1 1 0	ZONE2 ON/OFF
14	0 1 1 1 0 0	ZONE3 DVD	30	0 1 1 1 1 0	
15	1 1 1 1 0 0	ZONE3 HDP	31	1 1 1 1 1 0	

SYSTEM ADDRESS(C1~C5):01000,EXTENSION BIT(C12,C13):10

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
32	0 0 0 0 0 1		48	0 0 0 0 1 1	
33	1 0 0 0 0 1		49	1 0 0 0 1 1	
34	0 1 0 0 0 1		50	0 1 0 0 1 1	
35	1 1 0 0 0 1		51	1 1 0 0 1 1	
36	0 0 1 0 0 1		52	0 0 1 0 1 1	
37	1 0 1 0 0 1	ZONE3 VOLUME DOWN	53	1 0 1 0 1 1	
38	0 1 1 0 0 1	ZONE3 VOLUME UP	54	0 1 1 0 1 1	
39	1 1 1 0 0 1		55	1 1 1 0 1 1	
40	0 0 0 1 0 1		56	0 0 0 1 1 1	
41	1 0 0 1 0 1		57	1 0 0 1 1 1	MAIN ZONE ON
42	0 1 0 1 0 1	PURE DIRECT	58	0 1 0 1 1 1	MAIN ZONE OFF
43	1 1 0 1 0 1		59	1 1 0 1 1 1	ZONE2 ON
44	0 0 1 1 0 1		60	0 0 1 1 1 1	ZONE2 OFF
45	1 0 1 1 0 1		61	1 0 1 1 1 1	ZONE3 ON
46	0 1 1 1 0 1		62	0 1 1 1 1 1	ZONE3 OFF
47	1 1 1 1 0 1		63	1 1 1 1 1 1	

DENON AVR-2808 RC CODE**FORMAT SHARP****DATA CONSTRUCTION 15bit C14 0 C15 0=NOT INVERTED,1=INVERTED****REMOTE ID : 1****SYSTEM ADDRESS(C1~C5):00100,EXTENSION BIT(C12,C13):01**

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
0	0 0 0 0 0 0		16	0 0 0 0 1 0	DOLBY PLII MUSIC
1	1 0 0 0 0 0	WIDE SCREEN	17	1 0 0 0 1 0	DOLBY PROLOGIC
2	0 1 0 0 0 0	SUPER STADIUM	18	0 1 0 0 1 0	
3	1 1 0 0 0 0	ROCK ARENA	19	1 1 0 0 1 0	
4	0 0 1 0 0 0	JAZZ CLUB	20	0 0 1 0 1 0	
5	1 0 1 0 0 0	CLASSIC CONCERT	21	1 0 1 0 1 0	CINEMA
6	0 1 1 0 0 0	MONO MOVIE	22	0 1 1 0 1 0	MUSIC
7	1 1 1 0 0 0	MATRIX	23	1 1 1 0 1 0	GAME
8	0 0 0 1 0 0	VIDEO GAME	24	0 0 0 1 1 0	NIGHT MODE
9	1 0 0 1 0 0	VIRTUAL	25	1 0 0 1 1 0	
10	0 1 0 1 0 0		26	0 1 0 1 1 0	
11	1 1 0 1 0 0		27	1 1 0 1 1 0	
12	0 0 1 1 0 0		28	0 0 1 1 1 0	
13	1 0 1 1 0 0	DTS NEO:6 CINEMA	29	1 0 1 1 1 0	ROOM EQ
14	0 1 1 1 0 0	DTS NEO:6 MUSIC	30	0 1 1 1 1 0	
15	1 1 1 1 0 0	DOLBY PLII CINEMA	31	1 1 1 1 1 0	

SYSTEM ADDRESS(C1~C5):00100,EXTENSION BIT(C12,C13):01

No.	DATA(C6~C11)	Key Name	No.	DATA(C6~C11)	Key Name
32	0 0 0 0 0 1		48	0 0 0 0 1 1	
33	1 0 0 0 0 1		49	1 0 0 0 1 1	
34	0 1 0 0 0 1		50	0 1 0 0 1 1	
35	1 1 0 0 0 1		51	1 1 0 0 1 1	INPUT MODE: AUTO
36	0 0 1 0 0 1		52	0 0 1 0 1 1	
37	1 0 1 0 0 1		53	1 0 1 0 1 1	
38	0 1 1 0 0 1		54	0 1 1 0 1 1	
39	1 1 1 0 0 1		55	1 1 1 0 1 1	INPUT MODE: EXT IN1
40	0 0 0 1 0 1		56	0 0 0 1 1 1	
41	1 0 0 1 0 1		57	1 0 0 1 1 1	
42	0 1 0 1 0 1		58	0 1 0 1 1 1	
43	1 1 0 1 0 1		59	1 1 0 1 1 1	
44	0 0 1 1 0 1		60	0 0 1 1 1 1	
45	1 0 1 1 0 1		61	1 0 1 1 1 1	
46	0 1 1 1 0 1		62	0 1 1 1 1 1	
47	1 1 1 1 0 1		63	1 1 1 1 1 1	

DENON AVR-2808 RC CODE**FORMAT KASEIKYO****DATA CONSTRUCTION 48bit**

DENON CODE																Parity				GENRE1(*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		
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	*	*	*	*		
GENRE2(*2)				Data												ID(*3)		Parity(*5)							
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		

(*5)Parity:

Delimit of each to 8bit,and add 3rd byte and 4th byte and 5th byte with modulo2(exclusive-OR).

3rd byte(17-24bit)

4th byte(25-32bit)

5th byte(33-40bit)

REMOTE ID SETTING : (default ID 1)

ID No.	ZONE/DEVICE	GENRE1(*1)				GENRE(*2)				ID(*3)		
		21	22	23	24	25	26	27	28	39	40	
1	MAIN ZONE	0	0	1	0	1	0	0	0	0	0	SHARP&K4-1
	ZONE2	0	0	1	0	1	1	0	0	0	0	SHARP&K4-3
	ZONE3	0	0	1	0	1	0	1	0	0	0	SHARP&K4-5
	ANALOG TUNER	0	0	1	0	1	0	0	0	0	0	SHARP&K4-1
	iPod	0	1	0	0	1	1	0	0	0	0	K2-3
	XM	1	1	1	0	1	0	1	0	0	0	K7-5
2	MAIN ZONE	0	0	1	0	0	1	0	0	1	0	K4-2
	ZONE2	0	0	1	0	0	0	1	0	1	0	K4-4
	ZONE3	0	0	1	0	0	1	1	0	1	0	K4-6
	ANALOG TUNER	0	0	1	0	0	1	0	0	1	0	K4-2
	iPod	0	1	0	0	1	1	0	0	1	0	K2-3
	XM	1	1	1	0	1	0	1	0	1	0	K7-5
3	MAIN ZONE	0	0	1	0	0	1	0	0	0	1	K4-2
	ZONE2	0	0	1	0	0	0	1	0	0	1	K4-4
	ZONE3	0	0	1	0	0	1	1	0	0	1	K4-6
	ANALOG TUNER	0	0	1	0	0	1	0	0	0	1	K4-2
	iPod	0	1	0	0	1	1	0	0	0	1	K2-3
	XM	1	1	1	0	1	0	1	0	0	1	K7-5
4	MAIN ZONE	0	0	1	0	0	1	0	0	1	1	K4-2
	ZONE2	0	0	1	0	0	0	1	0	1	1	K4-4
	ZONE3	0	0	1	0	0	1	1	0	1	1	K4-6
	ANALOG TUNER	0	0	1	0	0	1	0	0	1	1	K4-2
	iPod	0	1	0	0	1	1	0	0	1	1	K2-3
	XM	1	1	1	0	1	0	1	0	1	1	K7-5

MAIN ZONE

DENON CODE																Psrity				GENRE1			
4				5				2				3				0				4			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0

REMOTE ID SET : 1

K4-1 : MAIN ZONE																																															
GENRE2				DATA														ID				Parity								Key Name																	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48																								
1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	RETURN																	
				1	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	1	1	1	0	OSD MENU																	
				0	0	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	Quick Select1																		
				1	0	1	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	Quick Select2																		
				0	1	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	Quick Select3																			
				1	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	DIRECT/STEREO																			
				1	1	0	1	1	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1	1	1	1	NEURAL SURROUND																				
				1	0	1	0	0	1	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	INPUT MODE:HDMI																				
				1	1	1	0	0	1	1	0	1	0	0	0	1	1	1	0	0	1	1	1	0	0	1	0	0	INPUT MODE:DIGITAL																		
				0	0	1	1	0	1	1	0	1	0	0	0	1	1	1	0	0	1	1	1	0	1	0	0	1	DECODER MODE																		
				0	0	1	0	0	1	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	1	0	0	AUDIO RESTORER																			
				0	0	1	1	0	1	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	1	0	1	RESTORER OFF																			
				1	0	1	1	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	1	0	1	RESTORER MODE1																			
				0	1	1	1	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	RESTORER MODE2																			
				1	1	1	1	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	1	RESTORER MODE3																			
				0	0	1	1	0	1	1	0	0	1	0	0	1	1	1	0	0	0	1	0	1	0	1	AUDIO DELAY MODE																				
				1	0	1	1	0	1	1	0	0	1	0	0	1	1	1	0	0	1	1	1	0	1	1	0	1	AUDIO DELAY UP																		
				0	1	1	1	0	1	1	0	0	1	0	0	1	1	1	0	0	1	1	1	0	0	0	0	1	AUDIO DELAY DOWN																		
				1	0	1	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	1	1	0	0	STATUS REQUEST(for 2way RC)																	
				0	1	0	1	0	0	1	1	0	1	0	0	1	0	1	1	0	1	1	0	0	0	1	1	XM																			
				1	0	1	1	0	0	1	1	0	1	0	0	1	0	0	1	0	1	1	1	1	1	0	1	iPod																			
				0	0	1	1	1	0	1	1	0	1	0	0	0	0	1	1	0	0	1	1	0	1	0	1	DVD/HDP																			
				1	1	1	1	1	0	1	1	0	1	0	0	0	0	1	1	1	1	0	0	1	0	0	1	VCR/DVR																			
				0	1	0	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	1	1	0	0	1	0	Resolution(HDMI)																		
				1	1	0	1	1	1	0	1	1	1	0	1	1	1	0	0	0	1	0	1	0	1	0	0	1	1	iPod dock FAVORITE																	
				0	0	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	1	1	1	1	0	1	1	REPEAT																			
				1	0	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	1	0	1	0	1	0	1	RANDOM/SHUFFLE																			
				0	1	0	1	0	0	1	1	1	1	0	0	1	0	1	1	1	1	0	1	1	1	0	1	1	MAIN ZONE TUNING UP																		
				1	1	0	1	0	0	1	1	1	1	0	0	1	0	1	1	0	0	1	0	1	1	0	0	1	1	MAIN ZONE TUNING DOWN																	
				0	0	1	1	0	0	1	1	1	1	0	0	1	0	1	1	1	1	0	1	1	1	0	1	MAIN ZONE PRESET CH UP																			
				1	0	1	1	0	0	1	1	1	1	0	0	1	0	1	1	0	1	0	1	1	0	1	0	1	MAIN ZONE PRESET CH DOWN																		
				0	1	1	1	0	0	1	1	1	1	0	0	1	0	1	1	1	1	0	0	1	0	1	1	1	0	0	1	MAIN ZONE PRESET CH SHIFT															
				0	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	MAIN ZONE TUNER BAND																			
	1	1	1	0	1	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	MAIN ZONE SEARCH(RDS)																						
0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	MAIN ZONE Play/Pause																								
1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0	MAIN ZONE Stop																							
1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	0	MAIN ZONE Skip Minus/Tuning Down																							
0	0	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	MAIN ZONE Skip Plus/Tuning Up																								

REMOTE ID SET : 2-4

K4-2 : MAIN ZONE																											
GENRE2				DATA										ID		Parity										Key Name	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
0	1	0	0	1	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	ALL POWER ON/OFF	
				0	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	ALL POWER ON	
				1	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	ALL POWER OFF	
				0	1	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	MAIN ZONE ON	
				1	1	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	MAIN ZONE OFF	
				1	1	0	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR UP	
				0	0	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR DOWN	
				1	0	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR LEFT	
				0	1	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR RIGHT	
				1	1	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	ENTER	
				0	1	0	0	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	RETURN	
				1	1	0	0	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	OSD MENU	
				0	0	0	0	1	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	VIDEO SELECT	
				0	0	1	0	0	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	Quick Select1	
				1	0	1	0	0	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	Quick Select2	
				0	1	1	0	0	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	Quick Select3	
				0	0	0	0	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	STEREO	
				1	0	0	0	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DIRECT/STEREO	
				0	1	0	0	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DIRECT	
				1	1	0	0	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	PURE DIRECT	
				0	0	1	0	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	STANDARD	
				0	1	0	1	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DOLBY PL2/PL2x CINEMA	
				1	1	0	1	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DOLBY PL2/PL2x MUSIC	
				0	0	1	1	1	1	0	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DOLBY PROLOGIC	
				0	1	0	0	0	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DTS NEO6 CINEMA	
				1	1	0	0	0	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DTS NEO6 MUSIC	
				1	0	1	1	0	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	GAME MODE	
				0	1	1	1	0	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	CINEMA MODE	
				1	1	1	1	0	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	MUSIC MODE	
				0	0	0	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	DSP SIMULATION	
				1	0	0	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	5/7CH STEREO	
				0	1	0	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	WIDE SCREEN	
				1	1	0	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	SUPER STADIUM	
				0	0	1	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	ROCK ARENA	
				1	0	1	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	JAZZ CLUB	
				0	1	1	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	CLASSIC CONCERT	
				1	1	1	0	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	MONO MOVIE	
				0	0	0	1	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	MATRIX	
				1	0	0	1	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	VIDEO GAME	
				0	1	0	1	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	VIRTUAL	
				1	1	0	1	1	0	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	NEURAL SURROUND	
			0	0	0	0	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	INPUT MODE SELECT		
			1	0	0	0	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	INPUT MODE:ANALOG		
			1	0	1	0	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	INPUT MODE:HDMI		

0	1	1	0	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	INPUT MODE:AUTO
1	1	1	0	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	INPUT MODE:DIGITAL
0	0	0	1	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	EXT.IN SELECT
1	0	0	1	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	EXT.IN-1
0	0	1	1	0	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	DECODER MODE
0	0	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	MASTER VR UP
1	0	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	MASTER VR DOWN
0	1	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	MASTER VR MUTE
0	0	1	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	M.VR PRESET1(0dB)
1	0	1	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	M.VR PRESET2(-20dB)
0	1	1	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	M.VR PRESET3(-40dB)
0	1	0	1	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	CH SELECT
1	1	0	1	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	CH LEVEL UP
0	0	1	1	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	CH LEVEL DOWN
1	1	1	1	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	TEST TONE ON/OFF
0	0	0	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	FL LEVEL UP
1	0	0	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	FL LEVEL DOWN
0	1	0	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	FR LEVEL UP
1	1	0	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	FR LEVEL DOWN
0	0	1	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	C LEVEL UP
1	0	1	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	C LEVEL DOWN
0	1	1	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SW LEVEL UP
1	1	1	0	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SW LEVEL DOWN
0	0	0	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SL LEVEL UP
1	0	0	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SL LEVEL DOWN
0	1	0	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SR LEVEL UP
1	1	0	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SR LEVEL DOWN
0	0	1	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SBL LEVEL UP
1	0	1	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SBL LEVEL DOWN
0	1	1	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SBR LEVEL UP
1	1	1	1	0	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	SBR LEVEL DOWN
0	0	0	0	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	ALL TREBLE UP
1	0	0	0	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	ALL TREBLE DOWN
1	1	0	0	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	ALL BASS UP
0	0	1	0	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	ALL BASS DOWN
0	1	1	0	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	TONE DEFEAT ON/OFF
1	1	1	0	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	TONE DEFEAT ON
0	0	0	1	1	0	0	1	1	0	*	*	*	*	*	*	*	*	*	*	TONE DEFEAT OFF
0	0	0	0	0	0	1	1	1	0	*	*	*	*	*	*	*	*	*	*	PARAMETER ON/OFF
0	1	1	0	0	0	0	0	0	1	*	*	*	*	*	*	*	*	*	*	SURROUND BACK SPEAKER
0	1	0	1	0	0	0	0	0	1	*	*	*	*	*	*	*	*	*	*	FRONT SPEAKER
0	1	0	0	0	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	NIGHT MODE
0	0	1	0	0	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	AUDIO RESTORER
0	0	1	1	0	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	RESTORER OFF
1	0	1	1	0	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	RESTORER MODE1
0	1	1	1	0	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	RESTORER MODE2
1	1	1	1	0	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	RESTORER MODE3

0	0	0	0	1	1	0	0	0	1	*	*	*	*	*	*	*	*	*	SYSTEM SETUP
0	0	1	1	0	1	1	0	0	1	*	*	*	*	*	*	*	*	*	AUDIO DELAY MODE
1	0	1	1	0	1	1	0	0	1	*	*	*	*	*	*	*	*	*	AUDIO DELAY UP
0	1	1	1	0	1	1	0	0	1	*	*	*	*	*	*	*	*	*	AUDIO DELAY DOWN
0	0	0	0	1	1	1	0	0	1	*	*	*	*	*	*	*	*	*	ON SCREEN
0	0	0	0	0	0	0	1	0	1	*	*	*	*	*	*	*	*	*	STATUS
1	0	1	0	0	0	0	1	0	1	*	*	*	*	*	*	*	*	*	STATUS REQUEST(for 2way RC)
0	0	0	0	1	0	0	1	0	1	*	*	*	*	*	*	*	*	*	DIMMER
0	0	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	PHONO
1	0	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	TUNER
0	1	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	CD
0	1	0	1	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	XM
1	0	1	1	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	iPod
0	0	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	DVD
1	0	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	HDP
0	1	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	TV/CBL
1	1	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	SAT
1	0	1	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	VCR
0	1	1	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	DVR
1	0	0	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	V.AUX
0	0	1	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	DVD/HDP
1	1	1	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	VCR/DVR
0	0	0	0	0	1	1	1	0	1	*	*	*	*	*	*	*	*	*	ROOM EQ SELECT
0	1	0	0	1	1	1	1	0	1	*	*	*	*	*	*	*	*	*	Resolution(HDMI)
1	1	0	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	iPod dock FAVORITE
0	0	1	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	REPEAT
1	0	1	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	RANDOM/SHUFFLE
0	1	0	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE TUNING UP
1	1	0	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE TUNING DOWN
0	0	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE PRESET CH UP
1	0	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE PRESET CH DOWN
0	1	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE PRESET CH SHIFT
0	0	0	0	1	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE TUNER BAND
1	1	1	0	1	0	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE SEARCH(RDS)
0	0	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE Play/Pause
1	0	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE Stop
1	1	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE Skip Minus/Tuning Down
0	0	1	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	MAIN ZONE Skip Plus/Tuning Up

ZONE2

DENON CODE																Psrity				GENRE1			
4				5				2				3				0				4			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0

REMOTE ID SET : 1

K4-3 : ZONE2																																													
GENRE2				DATA												ID				Parity												Key Name													
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48																						
1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	CURSOR UP																					
				0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	CURSOR DOWN																				
				1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	CURSOR LEFT																			
				0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	CURSOR RIGHT																		
				1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	ENTER																		
				0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	RETURN																			
				0	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	ZONE2 VR MUTE																				
				0	1	0	1	0	0	1	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	1	ZONE2 XM																		
				1	0	1	1	0	0	1	1	0	1	0	0	1	0	0	1	1	1	0	1	ZONE2 iPod																					
				1	0	0	1	1	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	ZONE2 V.AUX																					
				0	0	1	1	1	0	1	1	0	1	0	0	0	0	0	1	0	1	0	1	ZONE2 DVD/HDP																					
				1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	1	1	0	0	1	ZONE2 VCR/DVR																					
				1	1	0	1	1	1	0	1	1	1	0	0	0	0	0	1	0	0	1	1	ZONE2 iPod dock FAVORITE																					
				0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	0	1	REPEAT																					
				1	0	1	1	1	1	0	1	1	1	0	0	0	0	0	1	0	1	0	1	RANDOM/SHUFFLE																					
				0	1	0	1	0	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	ZONE2 TUNING UP																					
				1	1	0	1	0	0	1	1	1	1	0	0	1	1	1	1	0	0	1	1	ZONE2 TUNING DOWN																					
				0	0	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	1	ZONE2 PRESET CH UP																					
				1	0	1	1	0	0	1	1	1	1	0	0	1	1	1	1	0	1	0	1	ZONE2 PRESET CH DOWN																					
				0	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	1	ZONE2 PRESET CH SHIFT																					
				0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	ZONE2 TUNER BAND																					
				1	1	1	0	1	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	ZONE2 SEARCH(RDS)																					
				0	0	0	0	0	1	1	1	1	1	0	0	1	0	1	1	1	1	1	0	ZONE2 Play/Pause																					
				1	0	0	0	0	1	1	1	1	1	0	0	1	0	1	1	0	1	1	0	ZONE2 Stop																					
				1	1	0	0	0	1	1	1	1	1	0	0	1	0	1	1	0	0	1	0	ZONE2 Skip Minus/Tuning Down																					
				0	0	1	0	0	1	1	1	1	1	0	0	1	0	1	1	1	1	0	0	ZONE2 Skip Plus/Tuning Up																					

REMOTE ID SET : 2-4

K4-4 : ZONE2																											
GENRE2				DATA										ID		Parity								Key Name			
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
0	0	1	0	1	0	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ZONE2 POWER ON/OFF			
				0	1	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ZONE2 POWER ON			
				1	1	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ZONE2 POWER OFF			
				1	1	0	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	CURSOR UP			
				0	0	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	CURSOR DOWN			
				1	0	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	CURSOR LEFT			
				0	1	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	CURSOR RIGHT			
				1	1	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ENTER			
				0	1	0	0	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	RETURN			
				0	0	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	ZONE2 VOLUME UP			
				1	0	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	ZONE2 VOLUME DOWN			
				0	1	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	ZONE2 VR MUTE			
				0	0	1	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	ZONE2 VR PRESET1(0dB)			
				1	0	1	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	ZONE2 VR PRESET2(-20dB)			
				0	1	1	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	ZONE2 VR PRESET3(-40dB)			
				0	0	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 PHONO			
				1	0	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 TUNER			
				0	1	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 CD			
				0	1	0	1	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 XM			
				1	0	1	1	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 iPod			
				0	0	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 DVD			
				1	0	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 HDP			
				0	1	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 TV/CBL			
				1	1	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 SAT			
				1	0	1	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 VCR			
				0	1	1	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 DVR			
				1	0	0	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 V.AUX			
				0	0	1	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 DVD/HDP			
				1	1	1	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	ZONE2 VCR/DVR			
				1	1	0	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 ipod dock FAVORITE			
				0	0	1	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	*	REPEAT			
				1	0	1	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	*	RANDOM/SHUFFLE			
				0	1	0	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 TUNING UP			
				1	1	0	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 TUNING DOWN			
				0	0	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 PRESET CH UP			
				1	0	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 PRESET CH DOWN			
				0	1	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 PRESET CH SHIFT			
				0	0	0	0	1	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 TUNER BAND			
				1	1	1	0	1	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 SEARCH(RDS)			
				0	0	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 Play/Pause			
				1	0	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 Stop			
				1	1	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 Skip Minus/Tuning Down			
				0	0	1	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	ZONE2 Skip Plus/Tuning Up			

REMOTE ID SET : 1

REMOTE ID SET : 2-4

K4-6 : ZONE3																									
GENRE2				DATA										ID		Parity								Key Name	
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
0	1	1	0	1	0	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ZONE3 POWER ON/OFF	
	0	1	1	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ZONE3 POWER ON	
	1	1	1	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ZONE3 POWER OFF	
	1	1	0	1	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Cursor Up	
	0	0	1	1	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Cursor Down	
	1	0	1	1	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Cursor Left	
	0	1	1	1	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Cursor Right	
	1	1	1	1	1	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	ENTER	
	0	1	0	0	0	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	RETURN	
	0	0	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 VOLUME UP
	1	0	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 VOLUME DOWN
	0	1	0	0	1	1	1	0	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 VR MUTE
	0	0	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 PHONO
	1	0	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 TUNER
	0	1	0	0	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 CD
	0	1	0	1	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 XM
	1	0	1	1	0	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 iPod
	0	0	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 DVD
	1	0	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 HDP
	0	1	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 TV/CBL
	1	1	0	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 SAT
	1	0	1	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 VCR
	0	1	1	0	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 DVR
	1	0	0	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 V.AUX
	0	0	1	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 DVD/HDP
	1	1	1	1	1	0	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 VCR/DVR
	1	1	0	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 iPod dock FAVORITE
	0	0	1	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	REPEAT
	1	0	1	1	1	1	0	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	RANDOM/SHUFFLE
	0	1	0	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 TUNING UP
	1	1	0	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 TUNING DOWN
	0	0	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 PRESET CH UP
	1	0	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 PRESET CH DOWN
0	1	1	1	0	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 PRESET CH SHIFT	
0	0	0	0	1	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 TUNER BAND	
1	1	1	0	1	0	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 SEARCH(RDS)	
0	0	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 Play/Pause	
1	0	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 Stop	
1	1	0	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 Skip Minus/Tuning Down	
0	0	1	0	0	1	1	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	ZONE3 Skip Plus/Tuning Up	

ANALOG TUNER

DENON CODE																Psrity				GENRE1			
4				5				2				3				0				4			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0

REMOTE ID SET : 1

K4-1 : ANALOG TUNER																										
GENRE2				DATA												ID		Parity								Key Name
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48			
1	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	1	1	0	1	1	0	1	1	BAND FM		
				0	1	0	1	1	0	0	1	0	0	0	0	1	1	1	0	1	0	1	1	BAND AM		

REMOTE ID SET : 2-4

K4-2 : ANALOG TUNER																								
GENRE2				DATA								ID		Parity								Key Name		
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46		47	48
0	1	0	0	0	0	0	0	1	0	0	1	0	0	*	*	*	*	*	*	*	*		*	*
				0	0	0	0	1	0	0 <td>1</td> <td>0</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>TUNING UP</td>	1	0	0	*	*	*	*	*	*	*	*	*	*	TUNING UP
				1	0	0	0	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	TUNING DOWN
				0	1	0	0	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET CH UP
				1	1	0	0	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET CH DOWN
				0	0	1	0	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET CH SHIFT
				0	0	0	1	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	BAND FM/AM
				1	0	0	1	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	BAND FM
				0	1	0	1	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	BAND AM
				0	0	1	1	1	0	0	1	0	0	*	*	*	*	*	*	*	*	*	*	MODE AUTO/MANUAL
				0	0	0	0	0	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	MEMORY
				1	1	0	0	0	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	RDS/SEARCH
				0	1	1	0	0	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	RT
				1	0	0	1	0	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PTY
				0	0	0	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 1
				1	0	0	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 2
				0	1	0	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 3
				1	1	0	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 4
				0	0	1	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 5
				1	0	1	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 6
				0	1	1	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 7
				1	1	1	0	1	1	0	1	0	0	*	*	*	*	*	*	*	*	*	*	PRESET 8
				0	0	0	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT A
				1	0	0	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT B
				0	1	0	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT C
			1	1	0	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT D	
			0	0	1	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT E	
			1	0	1	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT F	
			0	1	1	1	1	1	1	1	0	0	*	*	*	*	*	*	*	*	*	*	SHIFT G	

iPod

DENON CODE																Psrity				GENRE1			
4				5				2				3				0				2			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0

REMOTE ID SET : 1-4

K2-3 : iPod																											
GENRE2				DATA								ID				Parity								Key Name			
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
1	1	0	0	1	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Play/Pause			
				0	0	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Next Track			
				1	0	1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Previous Track			
				0	0	0	1	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Stop			
				0	0	0	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Shuffle Setting			
				1	0	0	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Repeat Setting			
				1	0	1	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Begin FF			
				0	1	1	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Begin REW			
				1	1	1	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	MENU(iPod)			
				0	0	0	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Select(ENTER)			
				1	0	0	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Cursor Up			
				0	1	0	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Cursor Down			
				1	1	0	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Curror Left			
				0	0	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Curroe Right			
				1	1	1	1	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	STATUS REQUEST			
				0	1	0	0	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	PAGE SEARCH			
				1	1	0	0	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	RETURN			
				0	1	1	1	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Browse mode			
				1	1	1	1	0	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	Remote Mode			
				0	0	0	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	Shuffle Songs			
				1	0	0	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	Shuffle Albums			
				0	1	0	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	Shuffle Off			
				1	1	0	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	Repeat One			
				0	0	1	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	Repeat All			
				1	0	1	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	Repeat Off			

XM

DENON CODE																Psrity				GENRE1			
4				5				2				3				0				7			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	1	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	1	0

REMOTE ID SET : 1-4

K7-5 : XM																															
GENRE2				DATA												ID				Parity								Key Name			
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48								
1	0	1	0	0	0	1	1	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	MEMORY						
				1	0	1	1	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	SHIFT						
				0	1	0	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	DIRECT SEARCH					
				1	0	1	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	PRESET CH DOWN					
				0	1	1	0	1	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	PRESET CH UP					
				1	0	0	0	1	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CHANNEL DOWN					
				0	1	0	0	1	1	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CHANNEL UP					
				1	1	0	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR UP					
				0	0	1	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR DOWN					
				1	0	1	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR LEFT					
				0	1	1	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	CURSOR RIGHT					
				1	1	1	0	0	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	ENTER					
				0	0	0	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT A					
				1	0	0	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT B					
				0	1	0	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT C					
				1	1	0	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT D					
				0	0	1	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT E					
				1	0	1	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT F					
				0	1	1	0	1	0	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	SHIFT G					
				0	0	0	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	1/PRESET 1					
				1	0	0	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	2/PRESET 2					
				0	1	0	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	3/PRESET 3					
				1	1	0	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	4/PRESET 4					
				0	0	1	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	5/PRESET 5					
				1	0	1	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	6/PRESET 6					
				0	1	1	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	7/PRESET 7					
				1	1	1	0	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	8/PRESET 8					
				0	0	0	1	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	9					
				1	0	0	1	0	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0					
				0	0	0	0	1	1	1	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	STATUS REQUEST(for 2wayRC)					