

DENON AVR987 RC CODE

FORMAT SHARP

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

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

No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
0	000000		16	000010	FR LEVEL DOWN
1	100000	POWER	17	100010	
2	010000	FL LEVEL UP	18	010010	CDR/TAPE
3	110000	PHONO	19	110010	
4	001000	CD	20	001010	
5	101000	TUNER	21	101010	CINEMA EQ ON
6	011000		22	011010	SR LEVEL UP
7	111000	FL LEVEL DOWN	23	111010	SR LEVEL DOWN
8	000100	DBS	24	000110	VIDEO SELECT
9	100100	TV	25	100110	CINEMA EQ OFF
10	010100	VDP	26	010110	
11	110100	FR LEVEL UP	27	110110	
12	001100	V.AUX	28	001110	INPUT MODE ANALOG
13	101100	VCR-1	29	101110	CURSOR RIGHT
14	011100	VCR-2	30	011110	STATUS
15	111100		31	111110	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	000001	ENTER	48	000011	MUTING
33	100001	POWER ON	49	100011	MASTER VOLUME UP
34	010001	POWER OFF	50	010011	MASTER VOLUME DOWN
35	110001	DVD	51	110011	SL LEVEL UP
36	001001	STANDARD(DOLBY/DTS SURR.)	52	001011	SL LEVEL DOWN
37	101001	SW LEVEL DOWN	53	101011	CENTER LEVEL UP
38	011001	DSP SIMULATION	54	011011	CENTER LEVEL DOWN
39	111001	SB/SBL LEVEL UP	55	111011	SBR LEVEL UP
40	000101		56	000111	SBR LEVEL DOWN
41	100101		57	100111	TONE DEFEAT ON
42	010101	TEST TONE	58	010111	TONE DEFEAT OFF
43	110101	SB/SBL LEVEL DOWN	59	110111	SB:MATRIX ON
44	001101	SW LEVEL UP	60	001111	SB:NON MATRIX
45	101101	SPEAKER	61	101111	SB:OFF
46	011101		62	011111	
47	111101		63	111111	

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

No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
0	000000	ALL BASS DOWN	16	000010	ZONE2 CD
1	100000		17	100010	ZONE2 TUNER
2	010000	SURROUND BACK	18	010010	ZONE2 VDP
3	110000	MASTER VOL PRESET1(0dB)	19	110010	ZONE2 V.AUX
4	001000		20	001010	ZONE2 VCR-1
5	101000	MASTER VOL PRESET2(-20dB)	21	101010	
6	011000	MASTER VOL PRESET3(-40dB)	22	011010	MULTI PRESET UP
7	111000	ZONE2 VOL PRESET1(0dB)	23	111010	MULTI PRESET DOWN
8	000100	ZONE2 VOL PRESET2(-20dB)	24	000110	
9	100100	ZONE2 VOL PRESET3(-40dB)	25	100110	ZONE2 VCR-2
10	010100	ZONE2 DBS	26	010110	
11	110100		27	110110	ZONE2 TV
12	001100		28	001110	ZONE2 CDR/TAPE
13	101100	ZONE2 VOLUME UP	29	101110	STEREO
14	011100	ZONE2 VOLUME DOWN	30	011110	DIRECT
15	111100	ZONE2 PHONO	31	111110	

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

No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
32	000001	SYSTEM SETUP	48	000011	CH VOLUME UP
33	100001	SURROUND PARAMETER	49	100011	CH VOLUME DOWN
34	010001		50	010011	
35	110001	CURSOR UP	51	110011	
36	001001	CURSOR DOWN	52	001011	
37	101001		53	101011	INPUT MODE EXT.IN
38	011001		54	011011	INPUT MODE
39	111001		55	111011	ALL TREBLE UP
40	000101	7CH STEREO	56	000111	ALL TREBLE DOWN
41	100101		57	100111	TUNER SHIFT A
42	010101		58	010111	TUNER SHIFT B
43	110101	SHIFT F	59	110111	TUNER SHIFT C
44	001101	AUDIO FUNCTION	60	001111	TUNER SHIFT D
45	101101	VIDEO FUNCTION	61	101111	TUNER SHIFT E
46	011101	SHIFT G	62	011111	ZONE2 DVD
47	111101	CH SELECT	63	111111	ALL BASS UP

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No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
32	000001		48	000011	
33	100001		49	100011	
34	010001		50	010011	
35	110001		51	110011	
36	001001		52	001011	
37	101001		53	101011	
38	011001		54	011011	
39	111001		55	111011	
40	000101		56	000111	
41	100101		57	100111	
42	010101		58	010111	
43	110101		59	110111	
44	001101		60	001111	
45	101101		61	101111	
46	011101		62	011111	
47	111101		63	111111	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	000000		16	000010	
1	100000	TUNER PRESET 1	17	100010	
2	010000	TUNER PRESET 2	18	010010	SEARCH
3	110000	TUNER PRESET 3	19	110010	
4	001000	TUNER PRESET 4	20	001010	PTY
5	101000	TUNER PRESET 5	21	101010	TUNER PRESET DOWN
6	011000	TUNER PRESET 6	22	011010	TUNER PRESET UP
7	111000	TUNER PRESET 7	23	111010	TUNER BAND
8	000100	TUNER PRESET 8	24	000110	TUNING MODE(AUTOMANUAL)
9	100100		25	100110	TUNER TUNING UP
10	010100		26	010110	TUNER TUNING DOWN
11	110100		27	110110	
12	001100	TUNER MEMORY	28	001110	
13	101100	TUNER SHIFT	29	101110	
14	011100	RT	30	011110	
15	111100		31	111110	DIMMER

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No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
0	000000		16	000010	
1	100000		17	100010	
2	010000		18	010010	
3	110000		19	110010	
4	001000		20	001010	
5	101000		21	101010	
6	011000		22	011010	
7	111000		23	111010	
8	000100		24	000110	
9	100100		25	100110	
10	010100		26	010110	
11	110100		27	110110	
12	001100		28	001110	
13	101100		29	101110	ZONE2 ON/OFF
14	011100		30	011110	
15	111100		31	111110	

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

No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
32	000001		48	000011	
33	100001		49	100011	
34	010001		50	010011	
35	110001		51	110011	
36	001001		52	001011	
37	101001		53	101011	
38	011001		54	011011	
39	111001		55	111011	
40	000101		56	000111	
41	100101		57	100111	MAIN ZONE ON
42	010101	PURE DIRECT	58	010111	MAIN ZONE OFF
43	110101		59	110111	MULTI ZONE2 ON
44	001101		60	001111	MULTI ZONE2 OFF
45	101101		61	101111	
46	011101		62	011111	
47	111101		63	111111	

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

No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
0	000000		16	000010	DOLBY PLII MUSIC
1	100000	WIDE SCREEN	17	100010	DOLBY PL
2	010000	SUPER STADIUM	18	010010	
3	110000	ROCK ARENA	19	110010	DTS ES MATRIX
4	001000	JAZZ CLUB	20	001010	DOLBY DIGITAL EX
5	101000	CLASSIC CONCERT	21	101010	CINEMA MODE
6	011000	MONO MOVIE	22	011010	MUSIC MODE
7	111000	MATRIX	23	111010	GAME MODE
8	000100	VIDEO GAME	24	000110	NIGHT MODE
9	100100	VIRTUAL	25	100110	
10	010100		26	010110	
11	110100		27	110110	
12	001100		28	001110	
13	101100	DTS NEO:6 CINEMA	29	101110	ROOM EQ
14	011100	DTS NEO:6 MUSIC	30	011110	
15	111100	DOLBY PLII CINEMA	31	111110	

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

No.	Data (C6 ~ C11)	Key Name	No.	Data (C6 ~ C11)	Key Name
32	000001		48	000011	
33	100001		49	100011	
34	010001		50	010011	
35	110001		51	110011	INPUT MODE AUTO
36	001001		52	001011	INPUT MODE PCM
37	101001		53	101011	INPUT MODE DTS
38	011001		54	011011	
39	111001		55	111011	INPUT MODE EXT.IN
40	000101		56	000111	
41	100101		57	100111	
42	010101		58	010111	
43	110101		59	110111	
44	001101		60	001111	
45	101101		61	101111	
46	011101		62	011111	
47	111101		63	111111	

DENON AVR987 RC CODE

FORMAT KASEIKYO

DATA CONSTRUCTION 48bits

DENON CODE																Parity				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

No.	GENRE2				Data																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	
153	1	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	BAND FM
154					0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	BAND AM
155					1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	BAND XM
292					0	0	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	MAIN ZONE USER-1
293					1	0	1	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	MAIN ZONE USER-2
294					0	1	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	1	0	0	MAIN ZONE USER-3
305					1	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	DIRECT/STEREO
550					0	1	1	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	FRONT SP A
552					0	0	0	1	0	1	0	0	0	1	0	0	1	1	0	0	0	1	1	1	FRONT SP B
554					0	1	0	1	0	1	0	0	0	1	0	0	1	1	0	0	0	0	1	1	FRONT SP A+B
621					1	0	1	1	0	1	1	0	0	1	0	0	1	1	1	0	1	1	0	1	MAIN ZONE Audio Delay UP
622					0	1	1	1	0	1	1	0	0	1	0	0	1	1	1	0	0	0	0	1	MAIN ZONE Audio Delay DOWN
801					1	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	0	1	1	0	Cursor Down (iPod)
802					0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	1	0	Cursor Left (iPod)
803					1	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	1	0	Cursor Right (iPod)
804					0	0	1	0	0	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	Enter (iPod)
805					1	0	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	1	0	0	Play/Pause (iPod)
807					1	1	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	Stop (iPod)
808					0	0	0	1	0	1	0	0	1	1	0	0	1	1	0	0	1	1	1	1	Skip Plus (iPod)
809					1	0	0	1	0	1	0	0	1	1	0	0	1	1	0	0	0	1	1	1	Skip Minus (iPod)
810					0	1	0	1	0	1	0	0	1	1	0	0	1	1	0	0	1	0	1	1	Manual Search Plus (iPod)
811					1	1	0	1	0	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	Manual Search Minus (iPod)
812					0	0	1	1	0	1	0	0	1	1	0	0	1	1	0	0	1	1	0	1	Repeat One (iPod)
813					1	0	1	1	0	1	0	0	1	1	0	0	1	1	0	0	0	1	0	1	Repeat All (iPod)
814					0	1	1	1	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	1	Repeat Off (iPod)
815					1	1	1	1	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	1	Shuffle Songs (iPod)
816					0	0	0	0	1	1	0	0	1	1	0	0	0	1	0	0	1	1	1	0	Shuffle Albums (iPod)
817					1	0	0	0	1	1	0	0	1	1	0	0	0	1	0	0	0	1	1	0	Shuffle Off (iPod)
818					0	1	0	0	1	1	0	0	1	1	0	0	0	1	0	0	1	0	1	0	Menu (iPod)
819					1	1	0	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	1	0	Mode Browse (iPod)
820					0	0	1	0	1	1	0	0	1	1	0	0	0	1	0	0	1	1	0	0	Mode Remote (iPod)
370	1	1	0	0	0	1	0	0	1	1	1	0	1	0	0	0	0	0	1	0	1	1	1	0	ZONE2 Volume Mute
96	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	0	1 (XM Channel Input)
97					1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	1	0	2 (XM Channel Input)
98					0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	0	1	0	3 (XM Channel Input)
99					1	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	4 (XM Channel Input)
100					0	0	1	0	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	0	5 (XM Channel Input)
101					1	0	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	6 (XM Channel Input)
102					0	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	7 (XM Channel Input)
103					1	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	8 (XM Channel Input)
104					0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	9 (XM Channel Input)
105					1	0	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	0 (XM Channel Input)