

The RC5 code:

The RC5 code is an 13-bit code, it used to have a 5-bits group and a 6-bits command, and 2 stop-bits, but it was changed to 5-bits group, 7-bits command and 1 stop-bit.

Commnd:	Video mode: TV1 & TV2 Group 0 (TV1) 1 (TV2)	Video mode: TXT Group 2	Video mode: VD Group 3
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	1/2/3 digs (japan:10)	step page +	=/= =/=
11	channel/program(jap:11)	step page -	*
12	standby	standby	standby
13	mute/demute	mute/demute	mute/demute
14	P.P. (personal pref.)	P.P.	P.P.
15	display	display	display
16	volume +	volume +	volume +
17	volume -	volume -	volume -
18	brightness +	brightness +	brightness +
19	brightness -	brightness -	brightness -
20	colour saturation +	colour saturation +	colour saturation +
21	colour saturation -	colour saturation -	colour saturation -
22	bass +	bass +	bass +
23	bass -	bass -	bass -
24	treble +	treble +	treble +
25	treble -	treble -	treble -
26	balance right	balance right	balance right
27	balance left	balance left	balance left
28	contrast +	enter/validation (Frnc)	
29	contrast -	memory out	
30	search +	sequence out	attribute on/off
31	tint/hue +		
32	channel/program +	exchange	
33	channel/program -	index/summary (France)	index
34	alt/channel	row zero (France)	
35	1st/2nd language	1st/2nd language	1st/2nd language
36	spacial stereo on/off	spacial stereo on/off	spacial stereo on/off
37	mono/stereo (USA)		
38	sleeptimer	hardcopy printer	hardcopy printer
39	tint/hue -	antiope TV mixed (Frnc)	
40	RF switch/PIP select	PIP select	terminal initiation
41	vote	page hold on/off	
42	timed page/channel clk	timed page (F:magazine)	
43	increment (USA)	large top/lrge bot/norm	large top/lrge bot/norm
44	decrement (USA)	reveal/conceal/canc pic	
45		cancel teletext picture	
46	2nd controls (USA:menu)	TV/Text mixed/Subtitle	TV/Text mixed
47	PIP shift	PIP shift	view data line off
48	pause	pause	pause

49	erase	erase	erase
50	rewind	rewind	rewind
51	go to	go to	go to
52	wind	wind	wind
53	play	play	play
54	stop	stop	stop
55	recording	recording	recording
56	external 1	external 1	external 1
57	external 2	external 2	external 2
58	PIP display mode	PIP display mode	
59	view data mode/advance		view data line on
60	teletext submode (J:12)		
61	system standby	system standby	system standby
62	crispener on/off	news flash (France)	
63	system select	system select	system select
64	surround sound	surround sound	surround sound
65	balance front	balance front	balance front
66	balance rear	balance rear	balance rear
67	sound effects	sound effects	sound effects
68	sound effects	sound effects	sound effects
69	sound effects	sound effects	sound effects
70	sound effects	sound effects	sound effects
71	sound effects	sound effects	sound effects
72	sound or menu func.	sound or menu func.	sound or menu func.
73	sound or menu func.	sound or menu func.	sound or menu func.
74	sound or menu func.	sound or menu func.	sound or menu func.
75			
76			
77	linear function up	linear function up	linear function up
78	linear function down	linear function down	linear function down
79	sound or menu func.	sound or menu func.	sound or menu func.
80	cursor step up	cursor step up	cursor step up
81	cursor step down	cursor step down	cursor step down
82	menu on	menu on	menu on
83	menu off	menu off	menu off
84	display A/V status	display A/V status	display A/V status
85	cursor step left	cursor step left	cursor step left
86	cursor step right	cursor step right	cursor step right
87	menu function	menu function	menu function
88	PIP on/off	PIP on/off	PIP on/off
89	PIP shift	PIP shift	PIP shift
90	PIP main swap	PIP main swap	PIP main swap
91	strobe on/off	strobe on/off	strobe on/off
92	multi strobe	multi strobe	multi strobe
93	main freezed	main freezed	main freezed
94	3/9 multi scan	3/9 multi scan	3/9 multi scan
95	PIP mode select	PIP mode select	PIP mode select
96	mosaic	mosaic	mosaic
97	solarization	solarization	solarization
98	main stored	main stored	main stored
99	PIP strobe	PIP strobe	PIP strobe
100	recall main	recall main	recall main
101	PIP freeze	PIP freeze	PIP freeze
102	PIP step up	PIP step up	PIP step up
103	PIP step down	PIP step down	PIP step down
104			
105			
106			
107		red	
108		green	

109		yellow	
110		cyan	
111		index	
112			
113			
114			
115			
116			
117			
118	sub mode	sub mode	sub mode
119	sub mode	sub mode	sub mode
120			
121			
122	cleaning up	cleaning up	cleaning up
123	connect	connect	connect
124	disconnect	disconnect	disconnect
125	cleaning up	cleaning up	cleaning up
126	cleaning up	cleaning up	cleaning up
127	cleaning up	cleaning up	cleaning up

Commnd:	Video mode: LV1 Group 4	Video mode: VCR1 & VCR2 Group 5 (VCR1) 6 (VCR2)	Video mode: Satellite Group 8
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0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	picture number/time	1/2 digits/AM/PM	1/2 digits
11	channel number	channel/program mode	channel/program mode
12	standby	standby	standby
13	mute/demute	mute/demute	mute/demute
14	P.P. (personal pref.)	P.P.	P.P.
15	display	display	display
16	volume +	volume +	volume +
17	volume -	volume -	volume -
18	brightness +	brightness +	brightness +
19	brightness -	brightness -	brightness -
20	colour saturation +	colour saturation +	colour saturation +
21	colour saturation -	colour saturation -	colour saturation -
22	bass +	bass +	bass +
23	bass -	bass -	bass -
24	treble +	treble +	treble +
25	treble -	treble -	treble -
26	balance right	balance right	balance right
27	balance left	balance left	balance left
28	repeat once/TSPo	ITR (OTR) delay	
29	repeat cont/TSPc	timer programming	
30	next	record select	
31	fast run reverse	fast run reverse	
32	entry	step +	channel/program +
33	auto stop/memory	step -	channel/program -
34	slow run reverse	slow run reverse	

35	audio 1	audio output select	language select/mode 1
36	audio 2	clock/channel	special stereo on/off
37	still picture	speed -	audio mixed / mode 2
38	speed +	speed +	
39	speed -	Instant Time Recording	
40	slow run forward	slow run forward	
41	still forward	still forward	
42	fast run forward	fast run forward	
43	search automatic	index scan	
44	scan reverse	scan reverse	
45	open/close (eject)	eject	
46	scan forward	scan forward	subtitle
47	play reverse	play reverse	
48	pause	pause	pause
49	erase	erase	erase
50	rewind	rewind	rewind
51	go to	go to	go to
52	wind	wind	wind
53	play	play	play
54	stop	stop	stop
55	recording	recording	recording
56	external 1	external 1	external 1
57	external 2	external 2	external 2
58	clear all memory	short/long play	
59	freeze segment	counter memory	
60	TXT (pal)/ant.sw (ntsc)	scroll local display	TXT submode
61	system standby	system standby	system standby
62	CX on/off	RF switch	
63	system select	system select	system select
64	surround sound	surround sound	surround sound
65	balance front	balance front	balance front
66	balance rear	balance rear	balance rear
67	sound effects	sound effects	sound effects
68	sound effects	sound effects	sound effects
69	sound effects	sound effects	sound effects
70	sound effects	sound effects	sound effects
71	sound effects	sound effects	sound effects
72	sound or menu func.	sound or menu func.	sound or menu func.
73	sound or menu func.	sound or menu func.	sound or menu func.
74	sound or menu func.	sound or menu func.	sound or menu func.
75		data stream start	
76		data stream end	
77	linear function up	linear function up	linear function up
78	linear function down	linear function down	linear function down
79	sound or menu func.	catalogue	sound or menu func.
80	cursor step up	cursor step up	cursor step up
81	cursor step down	cursor step down	cursor step down
82	menu on	menu on	menu on
83	menu off	menu off	menu off
84	display A/V status	display A/V status	display A/V status
85	cursor step left	cursor step left	cursor step left
86	cursor step right	cursor step right	cursor step right
87	menu function	acknowledge	menu function
88	PIP on/off	PIP on/off	PIP on/off
89	PIP shift	PIP shift	PIP shift
90	PIP main swap	PIP main swap	PIP main swap
91	strobe on/off	strobe on/off	strobe on/off
92	multi strobe	multi strobe	multi strobe
93	main freezed	main freezed	main freezed
94	3/9 multi scan	3/9 multi scan	3/9 multi scan

95	PIP mode select	PIP mode select	PIP mode select
96	mosaic	mosaic	mosaic
97	solarization	solarization	solarization
98	main stored	main stored	main stored
99	PIP strobe	PIP strobe	PIP strobe
100	recall main	recall main	recall main
101	PIP freeze	PIP freeze	PIP freeze
102	PIP step up	PIP step up	PIP step up
103	PIP step down	PIP step down	PIP step down
104		automatic start ID	
105		write skip ID	
106		skip on/off	
107		write end ID	
108		write FTS	
109		write TOC	
110			
111			
112		viss index next	
113		viss index previous	
114		mark	
115		erase	
116		renumber	
117		blank search	
118	sub mode	sub mode	TV1
119	sub mode	sub mode	sub mode
120		auto repeat	
121		insert temp	
122		scr loc disp	
123	connect	connect	connect
124	disconnect		
125			
126			
127			

Commnd:	Audio mode: LV2/CDLV Group 12	Audio mode: Pre-Amp Group 16 (#1) 19 (#2)	Audio mode: Tuner Group 17
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	picture number/time	graphic equalizer left	1/2 digits
11	chapter number	graphic equalizer right	
12	standby	standby	standby
13	mute/demute	mute/demute	mute/demute
14	P.P. (personal pref.)	P.P.	P.P.
15	display	display	display
16	volume +	volume +	volume +
17	volume -	volume -	volume -
18	brightness +	brightness +	brightness +
19	brightness -	brightness -	brightness -
20	colour saturation +	colour saturation +	colour saturation +

21	colour saturation -	colour saturation -	colour saturation -
22	bass +	bass +	bass +
23	bass -	bass -	bass -
24	treble +	treble +	treble +
25	treble -	treble -	treble -
26	balance right	balance right	balance right
27	balance left	balance left	balance left
28	repeat once/TSPo	graph equal left&right	
29	repeat cont/TSPc	loudness	
30	next	high tone filter	search +
31	programming	low tone filter	search -
32		step +	preset +
33	auto stop/memory	step -	preset -
34	slow run reverse	signal path scroll	
35	stereo left/right		
36	previous		
37	still reverse	surround mode	mono/stereo
38	speed +	sleeptimer	
39	speed -	balance rear	
40	slow run forward	balance front	RF switch
41	still forward	TPS	store execute
42	digital multi screen	timer set	
43	strobe	timer up	scan forward
44	scan reverse	timer down	
45	open/close (eject)	timer memo	FM
46	scan forward	acoustic memory	MW (USA: MW/FM)
47		acoustic memory select	LW
48	pause	pause	pause
49	erase	erase	erase
50	rewind	rewind	rewind
51	go to	go to	go to
52	wind	wind	wind
53	play	play	play
54	stop	stop	stop
55	recording	recording	recording
56	external 1	external 1	external 1
57	external 2	external 2	external 2
58	clear all memory	clear all memory	clear all memory
59	repeat A/B program		
60	TXT (pal)/ant.sw (ntsc)	dyn range expand/compr	
61	system standby	system standby	system standby
62	CX on/off		
63	system select	system select	system select
64	surround sound	surround sound	surround sound
65	balance front	balance front	balance front
66	balance rear	balance rear	balance rear
67	sound effects	sound effects	sound effects
68	sound effects	sound effects	sound effects
69	sound effects	sound effects	sound effects
70	sound effects	sound effects	sound effects
71	sound effects	sound effects	sound effects
72	sound or menu func.	sound or menu func.	sound or menu func.
73	sound or menu func.	sound or menu func.	sound or menu func.
74	sound or menu func.	sound or menu func.	sound or menu func.
75			
76			
77	linear function up	linear function up	linear function up
78	linear function down	linear function down	linear function down
79	sound or menu func.	catalogue	sound or menu func.
80	cursor step up	cursor step up	cursor step up

81	cursor step down	cursor step down	cursor step down
82	menu on	menu on	menu on
83	menu off	menu off	menu off
84	display A/V status	display A/V status	display A/V status
85	cursor step left	cursor step left	cursor step left
86	cursor step right	cursor step right	cursor step right
87	menu function	menu function	menu function
88	PIP on/off	PIP on/off	PIP on/off
89	PIP shift	PIP shift	PIP shift
90	PIP main swap	PIP main swap	PIP main swap
91	strobe on/off	strobe on/off	strobe on/off
92	multi strobe	multi strobe	multi strobe
93	main freezed	main freezed	main freezed
94	3/9 multi scan	3/9 multi scan	3/9 multi scan
95	PIP mode select	PIP mode select	PIP mode select
96	mosaic	mosaic	mosaic
97	solarization	solarization	solarization
98	main stored	main stored	main stored
99	PIP strobe	PIP strobe	PIP strobe
100	recall main	recall main	recall main
101	PIP freeze	PIP freeze	PIP freeze
102	PIP step up	PIP step up	PIP step up
103	PIP step down	PIP step down	PIP step down
104			
105			
106			
107			
108	FTS		
109			
110			
111			
112	index next		
113	index previous		
114			
115			
116			
117			
118	sub mode		
119	sub mode		
120			
121			
122			
123	connect	connect	connect
124	disconnect	disconnect	disconnect
125			
126			
127			

Commnd:	Audio mode: CD Group 20	Audio mode: Phono Group 21	Audio mode: Recorder Group 18 (#1) 23 (#2)
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6

7	7	7	7
8	8	8	8
9	9	9	9
10	cursor scroll		
11	display scroll		
12	standby	standby	standby
13	mute/demute	mute/demute	mute/demute
14	P.P. (personal pref.)	P.P.	P.P.
15	display	display	display
16	volume +	volume +	volume +
17	volume -	volume -	volume -
18	brightness +	brightness +	brightness +
19	brightness -	brightness -	brightness -
20	colour saturation +	colour saturation +	colour saturation +
21	colour saturation -	colour saturation -	colour saturation -
22	bass +	bass +	bass +
23	bass -	bass -	bass -
24	treble +	treble +	treble +
25	treble -	treble -	treble -
26	balance right	balance right	balance right
27	balance left	balance left	balance left
28	rept once/TSPo/shuffle	repeat once	repeat once
29	repeat cont/TSPc	repeat continuously	repeat continuously
30	select +	select +	select +
31	select -	select -	select -
32	next	next	next
33	previous	previous	previous
34	index next	index next	
35	index previous	index previous	last record cancel
36	play/program	stereo/mono	sequential
37	speed nominal		blank search
38	speed +		
39	speed -		
40			recording pause
41	store execute	store execute	store execute
42			recording blank
43	scan forward	scan forward	scan forward
44			mechanism A
45	open/close	open/close	eject
46		wave scroll	mechanism B
47			play reverse
48	pause	pause	pause
49	erase	erase	erase
50	rewind	rewind	rewind
51	go to	go to	go to
52	wind	wind	wind
53	play	play	play
54	stop	stop	stop
55	recording	recording	recording
56	external 1	external 1	external 1
57	external 2	external 2	external 2
58	clear all memory	clear all memory	clear all memory
59	repeat A/B program		
60	dynamic range expand		
61	system standby	system standby	system standby
62	dynamic range compress		counter memory
63	system select	system select	system select
64	surround sound	surround sound	surround sound
65	balance front	balance front	balance front
66	balance rear	balance rear	balance rear

67	sound effects	sound effects	sound effects
68	sound effects	sound effects	sound effects
69	sound effects	sound effects	sound effects
70	sound effects	sound effects	sound effects
71	sound effects	sound effects	sound effects
72	sound or menu func.	sound or menu func.	sound or menu func.
73	sound or menu func.	sound or menu func.	sound or menu func.
74	sound or menu func.	sound or menu func.	sound or menu func.
75			
76			
77	linear function up	linear function up	linear function up
78	linear function down	linear function down	linear function down
79	sound or menu func.	sound or menu func.	sound or menu func.
80	cursor step up	cursor step up	cursor step up
81	cursor step down	cursor step down	cursor step down
82	menu on	menu on	menu on
83	menu off	menu off	menu off
84	display A/V status	display A/V status	display A/V status
85	cursor step left	cursor step left	cursor step left
86	cursor step right	cursor step right	cursor step right
87	menu function	menu function	menu function
88	PIP on/off	PIP on/off	PIP on/off
89	PIP shift	PIP shift	PIP shift
90	PIP main swap	PIP main swap	PIP main swap
91	strobe on/off	strobe on/off	strobe on/off
92	multi strobe	multi strobe	multi strobe
93	main freezed	main freezed	main freezed
94	3/9 multi scan	3/9 multi scan	3/9 multi scan
95	PIP mode select	PIP mode select	PIP mode select
96	mosaic	mosaic	mosaic
97	solarization	solarization	solarization
98	main stored	main stored	main stored
99	PIP strobe	PIP strobe	PIP strobe
100	recall main	recall main	recall main
101	PIP freeze	PIP freeze	PIP freeze
102	PIP step up	PIP step up	PIP step up
103	PIP step down	PIP step down	PIP step down
104			automatic start ID
105			write skip ID
106			skip on/off
107			write end ID
108	FTS		write FTS
109			write TOC
110			
111			
112			
113			
114			write start ID
115			Ca/Er/SK ID
116			reformat
117			blank search
118	sub mode	sub mode	sub mode
119	sub mode	sub mode	sub mode
120			
121			
122			
123	connect	connect	connect
124	disconnect	disconnect	disconnect
125			
126			

127
