


Appendix 2 - Code List: IR / RS232 / DDC Data

Remote Control Code:

I. IR Code

(Projector must support 0x02,0X4E,0X4F power on/off command)

Key	Function	Description	Code	Support	ID and Protocol
1	Wireless		0x00	No	Frequency 38 KHz
2	Power	This button will on/off the projector.	0x02	No	Protocol NEC Format
3	Freeze	Will show unsupported logo	0x03	Yes	Custom Code 0x0030
4	Source	This button will show available source options.	0x04	Yes	
5	Page Up	By pressing "Page Up" button, could enable Page Up function.	0x05	No	
6	Page Down	By pressing "Page Down" button, could enable Page Down function.	0x06	No	
7	Eco Blank	This button will turn projector into/out of blank mode.	0x07	Yes	
8	Auto	This button will automatically adjust projector's picture quality.	0x08	Yes	
9	Keystone +		0x09	No	
10	Keystone -		0x0A	No	
11	Up	When there is no OSD on screen, this button will correct optical keystone in negative direction. When there is OSD menu on screen, this button will move the chooser item to the upper one.	0x0B	Yes	
12	Down	When there is no OSD on screen, this button will correct optical keystone in positive direction. When there is OSD menu on the screen, this button will move the chooser item to the next one.	0x0C	Yes	

13	Left	When there is OSD menu on screen, this button will move the chooser item to the left one.	0x0D	Yes
14	Right	This button will move the chooser item to the right one.	0x0E	Yes
15	Menu/Exit	This button will turn on/off OSD menu.	0x0F	Yes
16	Mode	When there is no OSD menu on the screen, the button will change picture mode.	0x10	No
	THX	When there is OSD menu on the screen, this button will excite the item chooser.		
		Quick switch "Picture Mode" (Default is THX)		
		- Press to show current value, press again to switch to next value		
		- OSD disappear after 5 seconds if no action		
17	Contrast	Displays the CONTRAST setting bar.	0x11	No
18	SWAP		0x12	No
19	Aspect	Select the display aspect ratios.	0x13	Yes
20	Mute	Mutes the built-in speaker.	0x14	Yes
21	Enter/OK	Enter key for OSD menu.	0x15	Yes
22	Brightness	Displays the BRIGHTNESS setting bar.	0x16	No
23	Wireless channel		0x17	No
24	Digital Zoom +	This button will show unsupported logo.	0x18	Yes
25	Digital Zoom -	This button will show unsupported logo.	0x19	Yes
26	Audio		0x1A	No

27	PIP	Turns the PIP window on or off and makes related adjustments.	0x1B	No	
28	POP		0x1C	No	
29	PAP		0x1D	No	
30	Capture		0x1E	No	
31	S-video	Displays the S-VIDEO source selection.	0x1F	No	
32	Q?	Starts the INFORMATION function.	0x20	No	
33	Play/pause (iPhone)		0x21	No	
34	Next (iPhone)		0x22	No	
35	Prev. (iPhone)		0x23	No	
36	Menu/Back (iPhone)		0x24	No	
37	Timer on	When the presentation timer is off , this button will activate/ stop the timer. When the presentation timer is on , this button will restart, continue or turn off the timer.	0x25	No	
38	Timer Setup		0x26	No	
39	Scroll Up (iPhone)		0x27	No	
40	Scroll Down (iPhone)		0x28	No	
41	OK (iPhone)		0x29	No	
42	INFO	Starts the INFORMATION function.	0x2B	Yes	
43	All	Clear ID assigned for remote control in order to match with all no ID projector.	0x2C	Yes	
44	ID SET	Set an ID for remote control to match with corresponding projector.	0x2E	Yes	
45	PICTURE		0x2F	Yes	
46	Smart Eco Light Mode	By pressing "Smart Eco" button, could open "Quick Lamp Menu" to select lamp mode. Light Mode	0x30	Yes	
47		1	0x31	Yes	
48		2	0x32	Yes	
49		3	0x33	Yes	

50	4		0x34	Yes	
51	5		0x35	Yes	
52	6		0x36	Yes	
53	7		0x37	Yes	
54	8		0x38	Yes	
55	9		0x39	Yes	
56	0		0x3A	Yes	
57	RGBHV	Displays the PC source selection.	0x40	No	
58	RGB-PC1	Displays the PC 1 source selection.	0x41	No	
59	DVI-D	Displays the DVI-D source selection.	0x42	No	
60	DVI-A	Displays the DVI-A source selection.	0x43	No	
61	DVI-I	Displays the DVI-I source selection.	0x44	No	
62	RGB-PC2	Displays the PC 2 source selection.	0x45	No	
63	Network Display	Displays the LAN source selection.	0x46	No	
64	USB Display	Displays the mini USB source selection.	0x47	No	
65	USB Reader	Displays the USB disk source selection via type A USB port.	0x48	No	
66	Power Off	Turns off the projector.	0x4E	Yes	
67	Power On	Turns on the projector.	0x4F	Yes	
68	Comp2	Displays the COMPONENT 2 source selection.	0x50	No	
69	Comp1	Displays the COMPONENT 1 source selection.	0x51	No	
70	CVBS-1	Displays the CVBS-1 source selection.	0x52	No	
71	CVBS-2	Displays the CVBS-2 source selection.	0x53	No	
72	S-video2	Displays the S-Video 2 source selection.	0x54	No	
73	HDMI	Displays the HDMI source selection.	0x58	No	
74	HDMI2	Displays the HDMI source selection.	0x59	No	
75	GAMMA		0x5E	No	
76	COLOR TEMP		0x5F	No	

77	USB SETTING		0x60	No	
78	USB Up		0x61	No	
79	USB Down		0x62	No	
80	USB Left		0x63	No	
81	USB Right		0x64	No	
82	USB Select		0x65	No	
83	USB Return		0x66	No	
84	ANA	Selects the ANA aspect ratio.	0x70	No	
85	04:03	Selects the 4:3 aspect ratio.	0x71	No	
86	LB	Selects the LB aspect ratio.	0x72	No	
87	WIDE	Selects the WIDE aspect ratio.	0x73	No	
88	REAL	Selects the REAL aspect ratio.	0x74	No	
89	MEMORY1	Select the User memory settings.	0x75	No	
90	MEMORY2	Select the User memory settings.	0x76	No	
91	MEMORY3	Select the User memory settings.	0x77	No	
92	Default		0x78	No	
93	COLOR	Displays the COLOR setting bar.	0x79	No	
94	TINT	Displays the TINT setting bar.	0x7A	No	
95	ACTIVE		0x7B	No	
96	IRIS	Displays the setting bar for the adjustment of the motorised aperture lens IRIS.	0x7C	No	
97	Brilliant Color		0x7D	No	
98	SHARP		0x7E	No	
99	OVERSCAN		0x7F	No	
100	Memory	Select the User memory settings.	0x80	No	
101	Network Setting		0x81	No	
102	Volume +	This button will magnify the volume gradually.	0x82	No	
103	Volume -	This button will reduce the volume gradually.	0x83	No	
104	Back	Goes back to previous OSD menu, exits and saves menu settings.	0x85	Yes	

105	Key Lock		0x87	No	
106	PAN		0x88	No	
107	Lens	Displays the setting page for the adjustment of the motorised vertical Lens shift value.	0x8A	No	
108	Focus		0x8B	No	
109	Zoom		0x8C	No	
110	3D (settings)	Will show unsupported logo	0x8D	Yes	
111	V-keystone		0x8E	No	
112	H-keystone		0x8F	No	
113	PIP Size		0x90	No	
114	PIP Position		0x91	No	
115	Return		0x92	No	
116	My Screen		0x93	No	
117	Quick Install	Call out QUICK INSTALL pop up menu.	0x94	Yes	
118	On(Split screen)		0x95	No	
119	Off(Split screen)		0x96	No	
120	Mic.Vol +		0x97	No	
121	Mic.Vol -		0x98	No	
122	SRS		0x99	No	
123	CC		0x9A	No	
124	Teaching Template		0x9B	No	
125	3D Menu		0x9C	No	
126	3D Sync Invert		0x9D	No	
127	Mouse Left		0x9E	No	
128	Mouse Right		0x9F	No	
129	Cinema Master	Open / close CinemaMaster Menu	0xBE	No	
130	Color Manage.	Open/Close "Color Management" Menu (display time based on "menu display time" setting)	0x5B	No	