


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	This button will freeze/ unfreeze the image.	0x03	No	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. When Source is MHL, press Auto key 3 sec to change remote to DLP or MHL type	0x08	No		
9	Keystone +		0x09	No		
10	Keystone -		0x0A	No		
11	Up	When there is no OSD menu, press this button to enter Keystone menu, and press again to adjust the screen upward. 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 menu, press this button to enter Keystone menu, and press again to adjust the screen downward. 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. When there is no OSD menu, press this key to show an	0x0D	Yes		

		adjusting bar at the bottom center of the screen, and press again to reduce the volume gradually.			
14	Right	This button will move the chooser item to the right one. When there is no OSD menu, press this key to show an adjusting bar at the bottom center of the screen, and press again to increase the volume gradually.	0x0E	Yes	
15	Menu	This button will turn on/off OSD menu.	0x0F	Yes	
16	Mode	The button will change picture mode.	0x10	Yes	
17	Contrast	Displays the CONTRAST setting bar.	0x11	Yes	
18	SWAP		0x12	No	
19	Aspect	Select the display aspect ratios.	0x13	No	
20	Mute	Mutes the built-in speaker.	0x14	No	
21	Enter/OK	Enter key for OSD menu. For MHL RCP mode, it means Select function	0x15	Yes	
22	Brightness	Displays the BRIGHTNESS setting bar.	0x16	Yes	
23	Wireless channel		0x17	No	
24	Digital Zoom +	press this key to show zoom menu, and press again to zoom in gradually.	0x18	No	
25	Digital Zoom -	press this key to show zoom menu, and press again to zoom out gradually.	0x19	No	
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)	For MHL RCP mode ,Play or pause a video or audio playback on MHL devices	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	Information		0x2B	No	
43	Smart Eco Light Mode	By pressing “Smart Eco” button, could open “Quick Lamp Menu” to select lamp mode. Light Mode	0x30	Yes	
44	1		0x31	No	
45	2		0x32	No	
46	3		0x33	No	
47	4		0x34	No	
48	5		0x35	No	
49	6		0x36	No	
50	7		0x37	No	
51	8		0x38	No	
52	9		0x39	No	
53	RGBHV	Displays the PC source selection.	0x40	No	
54	Computer 1	Displays the PC 1 source selection.	0x41	No	
55	DVI-D	Displays the DVI-D source selection.	0x42	No	
56	DVI-A	Displays the DVI-A source selection.	0x43	No	
57	DVI-I	Displays the DVI-I source selection.	0x44	No	
58	Computer 2	Displays the PC 2 source selection.	0x45	No	
59	Network	Displays the LAN source selection.	0x46	No	
60	USB Display	Displays the mini USB source selection.	0x47	No	
61	USB Reader	Displays the USB disk source selection via type A USB port.	0x48	No	
62	Power Off	Turns off the projector.	0x4E	Yes	

63	Power On	Turns on the projector.	0x4F	Yes	
64	Comp2	Displays the COMPONENT 2 source selection.	0x50	No	
65	Comp1	Displays the COMPONENT 1 source selection.	0x51	No	
66	Video	Displays the Video source selection.	0x52	No	
67	CVBS-2	Displays the CVBS-2 source selection.	0x53	No	
68	S-video2	Displays the S-Video 2 source selection.	0x54	No	
69	HDMI	Displays the HDMI source selection.	0x58	No	
70	HDMI2	Displays the HDMI source selection.	0x59	No	
71	GAMMA		0x5E	Yes	
72	COLOR TEMP		0x5F	Yes	
73	USB SETTING		0x60	No	
74	USB Up		0x61	No	
75	USB Down		0x62	No	
76	USB Left		0x63	No	
77	USB Right		0x64	No	
78	USB Select		0x65	No	
79	USB Return		0x66	No	
80	ANA	Selects the ANA aspect ratio.	0x70	No	
81	04:03	Selects the 4:3 aspect ratio.	0x71	No	
82	LB	Selects the LB aspect ratio.	0x72	No	
83	WIDE	Selects the WIDE aspect ratio.	0x73	No	
84	REAL	Selects the REAL aspect ratio.	0x74	No	
85	MEMORY1	Select the User memory settings.	0x75	No	
86	MEMORY2	Select the User memory settings.	0x76	No	
87	MEMORY3	Select the User memory settings.	0x77	No	
88	Default		0x78	No	
89	COLOR	Displays the COLOR setting bar.	0x79	No	
90	TINT	Displays the TINT setting bar.	0x7A	No	
91	ACTIVE		0x7B	No	
92	IRIS	Displays the setting bar for the adjustment of the motorised aperture lens IRIS.	0x7C	Yes	
93	Brilliant Color		0x7D	No	

94	SHARP		0x7E	Yes	
95	OVERSCAN		0x7F	No	
96	Memory	Select the User memory settings.	0x80	No	
97	Network Setting	Display network setting menu.	0x81	No	
98	Volume +	This button will magnify the volume gradually.	0x82	No	
99	Volume -	This button will reduce the volume gradually.	0x83	No	
100	Back	Goes back to previous OSD menu. Exits and saves menu settings.	0x85	Yes	
101	Key Lock		0x87	No	
102	PAN		0x88	No	
103	Lens	Displays the setting page for the adjustment of the motorised vertical Lens shift value.	0x8A	No	
104	Focus		0x8B	No	
105	Zoom		0x8C	No	
106	3D setting		0x8D	No	
107	V-keystone		0x8E	No	
108	H-keystone		0x8F	No	
109	PIP Size		0x90	No	
110	PIP Position		0x91	No	
111	Return		0x92	No	
112	My Screen		0x93	No	
113	Quick Install	Display Quick install menu.	0x94	No	
114	On(Split screen)		0x95	No	
115	Off(Split screen)		0x96	No	
116	Mic.Vol +	This button will show unsupported logo.	0x97	No	
117	Mic.Vol -	This button will show unsupported logo.	0x98	No	
118	SRS		0x99	No	
119	CC		0x9A	No	
120	Teaching Template		0x9B	No	
121	3D Menu		0x9C	Yes	
122	3D Sync Invert		0x9D	Yes	
123	Mouse Left		0x9E	No	
124	Mouse Right		0x9F	No	
125	+10(DVD)		0xA0	No	

I26	Program(DVD)		0xA1	No	
I27	CLR(DVD/MHL)		0xA2	No	
I28	DVD shortcut		0xA3	No	
I29	Rewind(DVD/MHL)	For MHL RCP mode ,Rewind video or audio playback on MHL devices	0xA4	No	This button show unsupported logo.
I30	Fast Forward(DVD/MHL)	For MHL RCP mode , Fast forward current video or audio playback on MHL devices	0xA5	No	This button show unsupported logo.
I31	Prev.(DVD/MHL)	For MHL RCP mode , Play previous video or audio on MHL devices	0xA6	No	This button show unsupported logo.
I32	Next(DVD/MHL)	For MHL RCP mode , Play next video or audio on MHL devices	0xA7	No	This button show unsupported logo.
I33	Pause(DVD)		0xA8	No	
I34	Play(DVD)		0xA9	No	
I35	Stop(DVD/MHL)	For MHL RCP mode , Stop a video or audio playback on MHL devices	0xAA	No	This button show unsupported logo.
I36	Cinema Master	Open / close CinemaMaster Menu	0xBE	Yes	
I37	Color Manage.	Open/Close "Color Management" Menu (display time based on "menu display time" setting)	0x5B	Yes	
I38	keystone		0x2A	Yes	
I39	HDR		0x3C	Yes	
I40	Detail Enhancer		0x5A	No	
I41	Lumi Expert		0x3B	No	
I42	Sound Mode		0x3D	No	