

# HELIOS

4K LASER FRONT PROJECTOR



## RCU REMOTE CODES

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## 1.1 Infra Red, long hex-pronto compatible RCU

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The infrared command must be sent using NEC 5 protocol in ASCII format.

In the following example, Power ON command is 37h 33h 30h 35h, this command has to be converted as ASCII, it becomes 73 05.

To send this command using long hex Pronto compatible, convert the ASCII code as two hexadecimal numbers as follow:

Code A: 73h = 115 (for code B: 63h = 99, replace 115 by 99)

05h = 5

Then program the Pronto RCU using the Device number 115 and Function 5:

Device Code: 115 (0x73) Function: 5 (0x05):

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014  
003C 0014 0014 0014 003C 0014 0014 0014 003C 0014 0014 0014 0014 0014 0014 0014 0014 0014  
0014 0336

## 1.2 List of Operating commands

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· UP .....	4	· GAMMA .....	6
· DOWN.....	4	· Color.Temp.....	6
· BACK .....	4	· THX_Bright PM.....	7
· ON.....	4	· THX_Dark PM.....	7
· STAND BY .....	4	· Color Profile Menu .....	7
· INPUT .....	4	· CMD switch mode.....	7
· HIDE On/Off.....	4	· Aspect (Auto) .....	7
· Aperture .....	4	· Aspect (Native) .....	7
· Anamorphic(A).....	4	· Aspect (Full).....	7
· Anamorphic(Off) .....	4	· THX(Adjust) .....	7
· Aspect(4:3).....	4	· THX(Off).....	7
· Aspect(16:9).....	4	· THX(On).....	7
· Aspect(Zoom) .....	4	· USER 4 PM.....	7
· Anamorphic(B).....	4	· USER 5 PM.....	7
· Menu .....	5	· USER 6 PM.....	7
· OK.....	5	· HIDE(On) .....	7
· Lens .....	5	· HIDE(Off) .....	8
· RIGHT.....	5	· 3D Settings Menu .....	8
· LEFT .....	5	· 3D Format Switch .....	8
· CMD(Off).....	5	· Installation Mode 1.....	8
· CMD(Low).....	5	· Installation Mode 2.....	8
· CMD(High).....	5	· Installation Mode 3.....	8
· CMD(Inv. Telecine) .....	5	· 3D Format (Auto) .....	8
· ISF(Adjust) .....	5	· 3D Format (SbS).....	8
· ISF(Off) .....	5	· 3D Format (T&B).....	8
· ISF(On).....	5	· 3D Format (Off).....	8
· ISF Day PM.....	5	· Installation Mode 4.....	8
· ISF Night PM.....	5	· Installation Mode 5.....	8
· CINEMA PM.....	6	· Installation Mode 6.....	8
· FILM PM .....	6	· Installation Mode 7.....	8
· NATURAL PM .....	6	· Installation Mode 8.....	9
· USER 1 PM.....	6	· Installation Mode 9.....	9
· USER 2 PM.....	6	· Inst. Mode 10 .....	9
· USER 3 PM.....	6	· MPC Menu .....	9
· THX PM .....	6	· Picture Menu.....	9
· HDMI1 .....	6	· Gamma Menu .....	9
· HDMI2.....	6	· Low Latency switch.....	9
· PIC.ADJ.....	6		
· Adv. Pict. Menu .....	6		
· INFO .....	6		





68H	104	CINEMA PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014
69H	105	FILM PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
6AH	106	NATURAL PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
6CH	108	USER 1 PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
6DH	109	USER 2 PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
6EH	110	USER 3 PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
6FH	111	THX PM	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
70H	112	HDMI1	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
71H	113	HDMI2	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
72H	114	PIC.ADJ.	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
73H	115	Adv. Pict. Menu	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
74H	116	INFO	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
75H	117	GAMMA	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014
76H	118	Color.Temp.	0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 0014 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014













