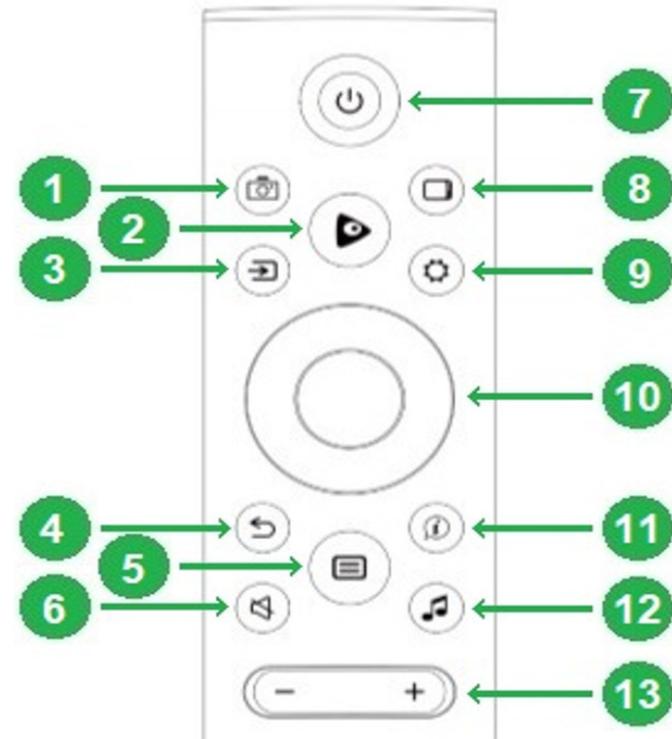




- |    |                  |   |
|----|------------------|---|
| 1  | Screen shot      | Capture and store on key pen inserted on a USB port the current image on the screen |
| 2  | Media            | Recall the Media menu   |
| 3  | Source selection | Select the input signal source  |
| 4  | Return           | Return to previous menu   |
| 5  | Home main menu   | Recall the main menu  |
| 6  | Audio Mute       | Set volume in mute status and restore the audio level                               |
| 7  | Power on/off     | Turn on and off the unit  |
| 8  | Display mode     | Change sequentially the "Image Mode" (see Image chapter)                            |
| 9  | Settings         | Enter in Settings menù  |
| 10 | D-pad            | Up, down, left, right and Ok buttons for navigation in the menù                     |
| 11 | Info Menu        | Recall the Info page  |
| 12 | Audio settings   | Change sequentially the "Sound Mode" (see "Audio" chapter.)                         |
| 13 | Volume + and -   | Increase and decrease the volume level  |

Remote Control



IR code format, syntax and protocol = **NEC**  
 Custom code = **0x6897**

		IR Code (Hex)		RF Code (Hex)
1	Screen shot	9E		3A
2	Media	CE		AB
3	Source selection	12		BB
4	Return	48		71
5	Home main menu	14		72
6	Audio Mute	0E		7F
7	Power on/off	0D		66
8	Display mode	90		AA
9	Settings	0F		EF
10	D-pad	UP	16	52
10	D-pad	Down	17	51
10	D-pad	Left	19	50
10	D-pad	Right	18	4F
10	D-pad	OK	15	28
11	Info Menu	D5		B6
12	Audio settings	94		3D
13	Volume +	44		80
13	Volume -	43		81

Start matching            D3                    ---                    Keep press menu 3 sec

below 2 examples for the IR codes.

**Power On    68 97 0D F2**

**Settings     68 97 0F F0**

**The NEC protocol has:**

2 bytes for the address: 0x6897

1 byte for command

1 byte equal of before command, but bit-inverted

Power On cmd = 0x0D = 0000 1101 conversion from Hex to binary

The bit invention becomes 1111 0010 = 0xF2

There are many web pages, on the internet, to help in the hex to binary conversion or vice-versa.

<https://www.rapidtables.com/convert/number/hex-to-binary.html>

Below the complete hex codes for any parameter

		IR Code (Hex)				
1	Screen shot	68	97	9E	6F	
2	Media	68	97	CE	31	
3	Source selection	68	97	12	ED	
4	Return	68	97	48	B7	
5	Home main menu	68	97	14	EB	
6	Audio Mute	68	97	0E	F1	
7	Power on/off	68	97	0D	F2	
8	Display mode	68	97	90	6F	
9	Settings	68	97	0F	F0	
10	D-pad	UP	68	97	16	E9
10	D-pad	Down	68	97	17	E8
10	D-pad	Left	68	97	19	E6
10	D-pad	Right	68	97	18	E7
10	D-pad	OK	68	97	15	EA
11	Info Menu	68	97	D5	2A	
12	Audio settings	68	97	94	6B	
13	Volume +	68	97	44	BB	
13	Volume -	68	97	43	BC	