

HCG Odin Remote Control Specifications

[February 16, 2011](#)

Revision [I](#)

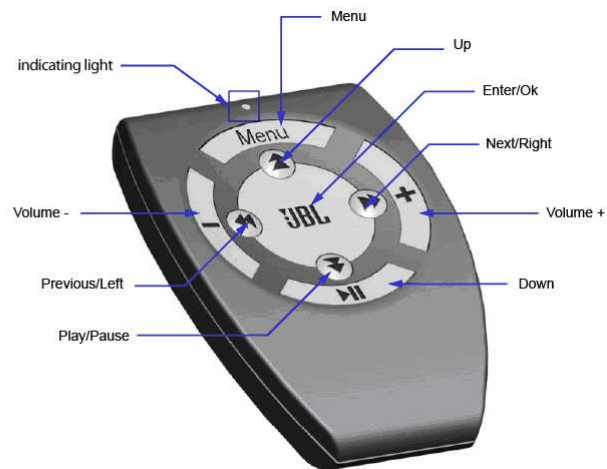
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Document Release Record			
Date	Rev.	Changes	Authorization
2010.10.21	A	Concept of operation	Ken. Li
2010.10.22	A+	Clarify the Treble/Bass active and setting definition	Ken.Li
2010.11.10	B	Changed the definition of the buttons. Changed EQ control mode into 5 EQ scenes. Added LED Lights to indicate the audio sources.	Ken.Li
2010.11.11	C	Change the “switch eq setting” behavior	Vincent
2010.11.11	D	Change the “Presses & holds Play/Pause” behavior	Leon
2010.11.23	E	Change the LED behavior	Vincent
2010.11.26	F	Added the key name mapping.	Vincent
2010.11.29	G	Updated as per feedback from supplier	Vincent
2010.12.29	H	Added Video output on/off function.	Vincent
2011-2-16	I	Updated Video output on/off behavior.	Vincent Zhong

1 Layout and Buttons

The Odin has following buttons on the remote control.



Function Buttons	
1	Enter/Ok (JBL Logo)
2	Menu
3	Scroll Up
4	Scroll Down
5	Left
6	Right
7	Volume -
8	Volume +
9	Play/Pause

2 Button Functions

We distinguish the function between a short and a long press of a key.

- Short press - takes up to 2 seconds,
- Long press - takes more than 2 seconds.

Button	Event	Systems response	Key
Enter/OK	Short Press	same function as iPod center “select” button, confirms selection If an alarm is activated then this stops the playing alarm.	SELECT
	Long press	switches EQ setting in loop and the indicating light shall Flash. The on and off rate should be 3 times.	Change_EQ
Menu	Short Press	same function as “menu” button on iPod.	MENU
	Long Press	Switch source among following : iPod / Bluetooth / Aux.	AUDIO_SOURCE
Volume -	Short Press	If audio is muted then this resumes audio at the volume level used when the audio was muted.	VOL_UP
		If audio is not muted and the volume is at value between 30 and 1 (the volume ranges 31 steps from 0 to 30) then this decrements the volume.	
		If audio is not muted and the volume is at value 0 then there is no decrease in volume.	
	Long Press	Function same as Short Press , but continuously change the volume.	
Volume +	Short Press	If audio is muted then this resumes audio at the volume level used when the audio was muted.	VOL_DOWN
		If audio is not muted and the volume is at value 29 or less (the volume ranges 31 steps from 0 to 30) then this increases the volume one increment.	
		If audio is not muted and the volume is at value 30 (the volume ranges 31 steps from 0 to 30) then there is no increase in volume.	
	Long Press	Function same as Short Press , but continuously change the volume.	
Play/Pause	Short Press	play/pause of the playing Music/Photo	PLAY_PAUSE
	Long Press	The system has the following power modes: ● Operational mode. ● Standby mode. ● Off mode. When the system is off (no AC power), this command shall have no affect. When the system is in standby mode, this command shall transition the unit from standby to operational mode. When the system is in operational mode, this command shall transition the unit from operational mode to standby.	SYSTEM_POWER
Left	Short Press	Previous track/photo	PREV
	Long Press	Rewind	REW
Right	Short Press	Next track/photo	NEXT
	Long Press	Fast Forward	FF
Scroll Up	Short Press	Scroll up	UP
	Long Press	Switch ON the Video output	UP
Scroll down	Short Press	Scroll down	DOWN
	Long Press	Switch OFF the Video output	DOWN
Presses Volume - and Volume + simultaneously will mute/unmute the volume.			MUTE

Deleted: Press Scroll Up and Scroll down simultaneously will toggle Video output on / off

Remark : For the actual key code , please refer to another document
“JBL Odin_Remote Control_key code_0.5.doc”

3 Remote Control LEDs

White LED	When any remote control button is pressed , the White LED will start blinking , once the button is released , then the white led will be off.
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Press Scroll Up and Scroll down simultaneously will toggle Video output on / off.

VIDEO

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE 2: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.