



NexusH-R Command List History

Version	Description	Released Date	Modified by
1.0	First Release	2026-06-29	Hovey Tam

NexusH-R Command List (1/1)

ASCII Command

SERVICE port (USB-C port with virtual RS-232) protocol. Baud rate: 115200(Fixed), Data bits: 8, Stop bits:1, Check bit: 0

Power

No.	Command	Description	Parameters
1.1	reboot	Reboot the device	---

System Setting

No.	Command	Description	Parameters
2.1	?	Get the list of all commands	---
2.2	help	Get the list of all commands	
2.3	status	Get device current status	
2.4	get version	Get firmware version	
2.5	reset	Reset system settings to default Note: Type "yes" to confirm	
2.6	set hdbt update	Set SERVICE port for FW update	

Output Setting

No.	Command	Description	Parameters
3.1	get rx output 1 connected	Get HDMI OUT connection status	output=[0:Off; 1:TX input; 2:AVMUTE(BlackScreen)] Default:1 ohdcp=[0:Signal management; 1:Follow sink; 2:Follow source; 3:Force HDCP 1.4; 4:Force HDCP 2.3] Default:1 hdmipwr=[0:Follow input; 1:Force HDMI out 5V power on; 2:Force HDMI out 5V power off] Default:0
3.2	get rx output 1 signal	Get HDMI OUT signal format	
3.3	set rx output 1 source [output]	Set the output's source	
3.4	get rx output 1 source	Get the output's source	
3.5	set rx output 1 hdcp [ohdcp]	Set output HDCP status	
3.6	get rx output 1 hdcp	Get output HDCP status	
3.7	set rx hdmi out 1 power [hdmipwr]	Set HDMI output 5V status	
3.8	get rx hdmi out 1 power	Get HDMI output 5V status	

USB Setting

No.	Command	Description	Parameters
4.1	set rx usbd [udev] power [udpwr]	Set RX USB device port(s) power status	udev=[0:all USB devices; 1:USB device 1; 2:USB device 2; 3:USB device 3]
4.2	get rx usbd [udev] power	Get RX USB device port(s) power status	udpwr=[0:Follow USB host power; 1:Force power on; 2:Force power off]