



HX44NEO Command List History

Version	Description	Released Date	Modified by
1.0	First Release	2026-03-17	Hovey Tam
1.01	Change #3.3 & #3.4	2026-07-09	Hovey Tam

HX44NEO Command List (1/2)

ASCII Command			
Serial port protocol. Baud rate: 115200, Data bits: 8, Stop bits:1, Check bit: 0, TCP/IP protocol port: 8000			
Error Code describe: E00 -> unknown command E01 -> parameter out of range E02 -> get the error edid data			

Power

No.	Command	Description	Parameters
1.1	s power [power]!	Power on/off the device	power=[0:power off; 1:power on (Default)]
1.2	r power!	Get current power state	
1.3	s reboot!	Reboot the device	

System Setting

No.	Command	Description	Parameters
2.1	help!	List all commands	input=[0:all; 1-4] output=[0:all; 1-4] beep=[0:beep off; 1:beep on (Default)] lock=[0:unlock (Default); 1:lock] brate=[115200 (Default); 57600; 38400; 19200; 9600; 4800] preset=[1-8] id=[000-999]
2.2	r status!	Get device current status	
2.3	r type!	Get device model	
2.4	r fw version!	Get firmware version	
2.5	r link in [input]!	Get the connection status of the input port	
2.6	r link out [output]!	Get the connection status of the output port	
2.7	s beep [beep]!	Enable/disable buzzer function	
2.8	r beep!	Get buzzer state	
2.9	s lock [lock]!	Lock/unlock front panel button	
2.10	r lock!	Get panel button lock state	
2.11	s baud rate [brate]!	Set the serial port baud rate	
2.12	r baud rate!	Get the serial port baud rate	
2.13	s reset!	Reset to factory defaults	
2.14	s save preset [preset]!	Save the preset scenarios	
2.15	s recall preset [preset]!	Call the saved preset scenarios	
2.16	s clear preset [preset]!	Clear the preset scenarios	
2.17	r preset [preset]!	Get the preset information	
2.18	s id [id]!	Set the control ID of the product	

Output Setting

No.	Command	Description	Parameters
3.1	s in [input] av out [output]!	Route the input port to the output port	input=[1-4] output=[0:all; 1-4] Default: Input 1 -> Output 1 Input 2 -> Output 2 Input 3 -> Output 3 Input 4 -> Output 4 stream=[0:stream disable; 1:stream enable (Default)] scaler=[1:bypass (Default); 2:4k->1080p; 3:auto]
3.2	r av out [output]!	Get the output stream status	
3.3	s out [output] stream [stream]!	Set the output HDMI stream on/off	
3.4	r out [output] stream!	Get the output stream status	
3.5	s hdmi [output] scaler [scaler]!	Set the output port scaler mode	
3.6	r hdmi [output] scaler!	Get hdmi output port scaler mode	

EDID Setting

No.	Command	Description	Parameters
4.1	s edid in [input] from [edid]!	Set EDID of the input port	input=[0:all; 1-4] edid=[1:1080p,Stereo Audio 2.0 (Default); 2:1080p,Dolby/DTS 5.1; 3:1080p,HD Audio 7.1; 4:1080i,Stereo Audio 2.0; 5:1080i,Dolby/DTS 5.1; 6:1080i,HD Audio 7.1; 7:3D,Stereo Audio 2.0; 8:3D,Dolby/DTS 5.1; 9:3D,HD Audio 7.1; 10:4K2K30_444,Stereo Audio 2.0; 11:4K2K30_444,Dolby/DTS 5.1; 12:4K2K30_444,HD Audio 7.1; 13:4K2K60_420,Stereo Audio 2.0; 14:4K2K60_420,Dolby/DTS 5.1; 15:4K2K60_420,HD Audio 7.1; 16:4K2K60_444,Stereo Audio 2.0; 17:4K2K60_444,Dolby/DTS 5.1; 18:4K2K60_444,HD Audio 7.1; 19:4K2K60_444,Stereo Audio 2.0 HDR; 20:4K2K60_444,Dolby/DTS 5.1 HDR; 21:4K2K60_444,HD Audio 7.1 HDR]
4.2	r edid in [input]!	Get EDID status of the input port	
4.3	r edid data hdmi [output]!	Get the EDID data of the HDMI output port	

Audio Setting

No.	Command	Description	Parameters
5.1	s hdmi [output] arc [arc]!	Turn on/off ARC of the HDMI output	output=[0:all; 1-4] arc=[0:off (Default); 1:on]
5.2	r hdmi [output] arc!	Get the ARC state of the HDMI output	

HX44NEO Command List (2/2)

CEC Setting

No.	Command	Description	Parameters
6.1	s cec in [input] on!	Send POWER ON to the input by CEC	input=[0:all; 1-4] output=[0:all; 1-4]
6.2	s cec in [input] off!	Send POWER OFF to the input by CEC	
6.3	s cec in [input] menu!	Send OPEN MENU to the input by CEC	
6.4	s cec in [input] back!	Send BACK operation to the input by CEC	
6.5	s cec in [input] up!	Send MENU UP operation to the input by CEC	
6.6	s cec in [input] down!	Send MENU DOWN operation to the input by CEC	
6.7	s cec in [input] left!	Send MENU LEFT operation to the input by CEC	
6.8	s cec in [input] right!	Send MENU RIGHT operation to the input by CEC	
6.9	s cec in [input] enter!	Send MENU ENTER to the input by CEC	
6.10	s cec in [input] play!	Send PLAY to the input by CEC	
6.11	s cec in [input] pause!	Send PAUSE to the input by CEC	
6.12	s cec in [input] stop!	Send STOP to the input by CEC	
6.13	s cec in [input] rew!	Send REWIND to the input by CEC	
6.14	s cec in [input] mute!	Send VOLUME MUTE to the input by CEC	
6.15	s cec in [input] vol-!	Send VOLUME DOWN to the input by CEC	
6.16	s cec in [input] vol+!	Send VOLUME UP to the input by CEC	
6.17	s cec in [input] ff!	Send FAST FORWARD to the input by CEC	
6.18	s cec in [input] previous!	Send PREVIOUS to the input by CEC	
6.19	s cec in [input] next!	Send NEXT to the input by CEC	
6.20	s cec hdmi out [output] on!	Send POWER ON to the output by CEC	
6.21	s cec hdmi out [output] off!	Send POWER OFF to the output by CEC	
6.22	s cec hdmi out [output] mute!	Send VOLUME MUTE to the output by CEC	
6.23	s cec hdmi out [output] vol-!	Send VOLUME DOWN to the output by CEC	
6.24	s cec hdmi out [output] vol+!	Send VOLUME UP to the output by CEC	
6.25	s cec hdmi out [output] active!	Send ACTIVE SOURCE to the output by CEC	

Network Setting

No.	Command	Description	Parameters
7.1	r ipconfig!	Get the current IP configuration	ipmode=[0:static; 1:DHCP] **Please use "s net reboot!" command or repower device to apply new config.** ip=[xxx.xxx.xxx.xxx] mask=[xxx.xxx.xxx.xxx] gw=[xxx.xxx.xxx.xxx] **Please use "s net reboot!" command or repower device to apply new config.** **When DHCP is selected, device can't be configured IP, Subnet mask and Gateway. Please set DHCP off first.** port=[1-65535]
7.2	r mac addr!	Get network MAC address	
7.3	s ip mode [ipmode]!	Set network IP mode	
7.4	r ip mode!	Get network IP mode	
7.5	s ip addr [ip]!	Set network IP address	
7.6	r ip addr!	Get network IP address	
7.7	s subnet [mask]!	Set network subnet mask	
7.8	r subnet!	Get network subnet mask	
7.9	s gateway [gw]!	Set network gateway	
7.10	r gateway!	Get network gateway	
7.11	s tcp/ip port [port]!	Set network TCP/IP port	
7.12	r tcp/ip port!	Get network TCP/IP port	
7.13	s telnet port [port]!	Set network telnet port	
7.14	r telnet port!	Get network telnet port	
7.15	s net reboot!	Reboot network modules	