

Hegel IP Control Codes

Models: H95, H120, H190, H390, H590

Updated: 30.04.2024 – JJ

These Hegel devices may be controlled through a TCP/IP connection on port 50001. The control interface can easily be tested by using a telnet terminal. A control packet has the following structure: **-[command].[parameter]<CR>**. For example: the control packet -v.50<CR> will set the device volume to 50%.

If an invalid control packet is sent to the device, the device will return an error (e) command.

The table below describes the commands and parameters that are available. Only the highlighted parameters are used to send the device status to the controller. The «?» parameter will cause the device to send the current status for that command.

Command / Description	Parameter	Function	Comments
p Power	1 / 0	ON / OFF	
	t	Toggle	
	?	Status request	
i Source Input	1 – [number of inputs]	Set to input number [parameter]	See input table page
	?	Status request	
v Volume Control	0 – 100	Set volume to [parameter]%	
	u / d	Up / Down	
	?	Status request	
m Volume Mute	1 / 0	ON / OFF	
	t	Toggle	
	?	Status request	
r Reset Connection	0 – 255	Reset in [parameter] minutes	Useful to make sure the TCP connection is reset, if the controller does not close the connection properly.
	~	Stop the reset timer	
	?	Status request	

Sending -r.3<CR> every 2 minutes, will ensure that the connection is reset in the event of a controller power reboot; allowing the controller to reconnect.

Hegel Input Table

Input Number	Input Name				
	H95	H120	H190	H390	H590
1	Analog 1	Balanced	Balanced	XLR	XLR 1
2	Analog 2	Analog 1	Analog 1	Analog 1	XLR 2
3	Coaxial	Analog 2	Analog 2	Analog 2	Analog 1
4	Optical 1	Coaxial	Coaxial	BNC	Analog 2
5	Optical 2	Optical 1	Optical 1	Coaxial	BNC
6	Optical 3	Optical 2	Optical 2	Optical 1	Coaxial
7	USB	Optical 3	Optical 3	Optical 2	Optical 1
8	Network	USB	USB	Optical 3	Optical 2
9		Network	Network	USB	Optical 3
10				Network	USB
11					Network