Hegel H590 IP Control Codes

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The H590 (device) can be controlled through a TCP/IP connection on port 50001. The control interface can easily be tested by using a telnet terminal (like Tera Term). 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	Example
p Power	1 / 0	ON / OFF	The Hegel H590 does not have a true standby mode. However, the power command still functions by disconnecting all outputs and dimming the display.	
	t	Toggle		
	?	Status request		
i Source Input	1 – 12	Set to input number [parameter]	XLR 1 is input number 1, XLR 2 input number 2, and so on.	Sending -i.6<CR> sets the input selector to BNC input.
	?	Status request		
v Volume Control	0 – 100	Set volume to [parameter]%	The conversion from volume% to volume level rounds up. Conversion from volume level to volume % rounds down.	If the device max volume is set to 70, sending -v.96<CR> will set it to volume level 68 and return -v.97<CR>.
	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.	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.
	~	Stop the reset timer		
	?	Status request		