



Below are the IP remote control table for the Hegel Röst integrated amplifier. These can be used to write drivers for various computer programmes, advanced remote controls, home automation systems and more. The choice is yours, and if you make something cool, we would love to hear about it on [info@hegel.com](mailto:info@hegel.com) or via our Facebook page.

**WARNING:** We do not offer support on IP programming, or for any other use of this table. Nor for the devices you may have used it with. We hold no responsibility for damage caused by the use of this table.

## Hegel Röst IP Control Codes

21.10.2016 JJ

The Röst 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 Röst volume control to 50%.

If an invalid control packet is sent to the Röst, the Röst 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 device status updates from the Röst to the controller. The «?» parameter will cause the Röst to send the current status for that command.

Command / Description	Parameter	Function	Comments	Example
<b>p</b> Power	1 / 0	ON / OFF	The Hegel Röst 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		
<b>i</b> Source Input	1 – 9	Set to input number [parameter]	Balanced is input number 1, Analog 1 input number 2, and so on.	Sending <b>-i.4&lt;CR&gt;</b> sets the input selector to the Coaxial input.
	?	Status request		
<b>v</b> 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 Röst max volume is set to 70, sending <b>-v.96&lt;CR&gt;</b> will set it to volume level 68 and return <b>-v.97&lt;CR&gt;</b> .
	u / d	Up / Down		
	?	Status request		
<b>m</b> Volume Mute	1 / 0	ON / OFF		
	t	Toggle		
	?	Status request		
<b>r</b> 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 <b>-r.3&lt;CR&gt;</b> 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		