

Device: Roland XS-42H



Introduction

A number of parameters on the Roland XS-42H Matrix Switcher can be controlled from a SKAARHOJ control panel. The complete feature set is not implemented but a large variety of actions can be found. This document gives you an overview of possible control parameters. Control of the Matrix Switcher is via IP.

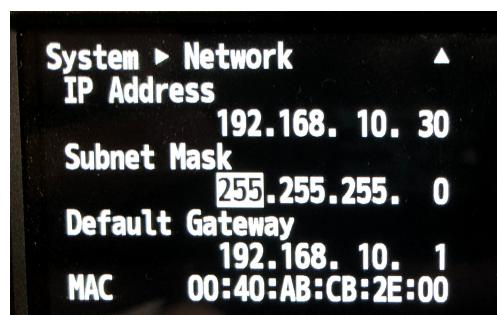
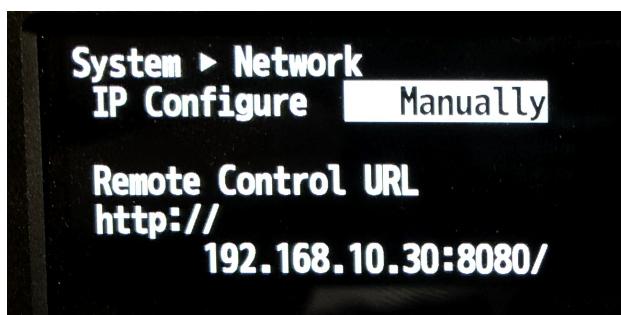
The implementation have been done on a XS-42H with version 1.21 b000. Please note that some protocol commands were changed starting with XS_VP-42-Hv.1.2. Some functions may not work when using above Roland XS_VP-42Hv.1.2 and Skaarhoj Firmware v. 2.4.14 and below.



At this time we recommend to have a single connection to the Roland XS-42H at a time.

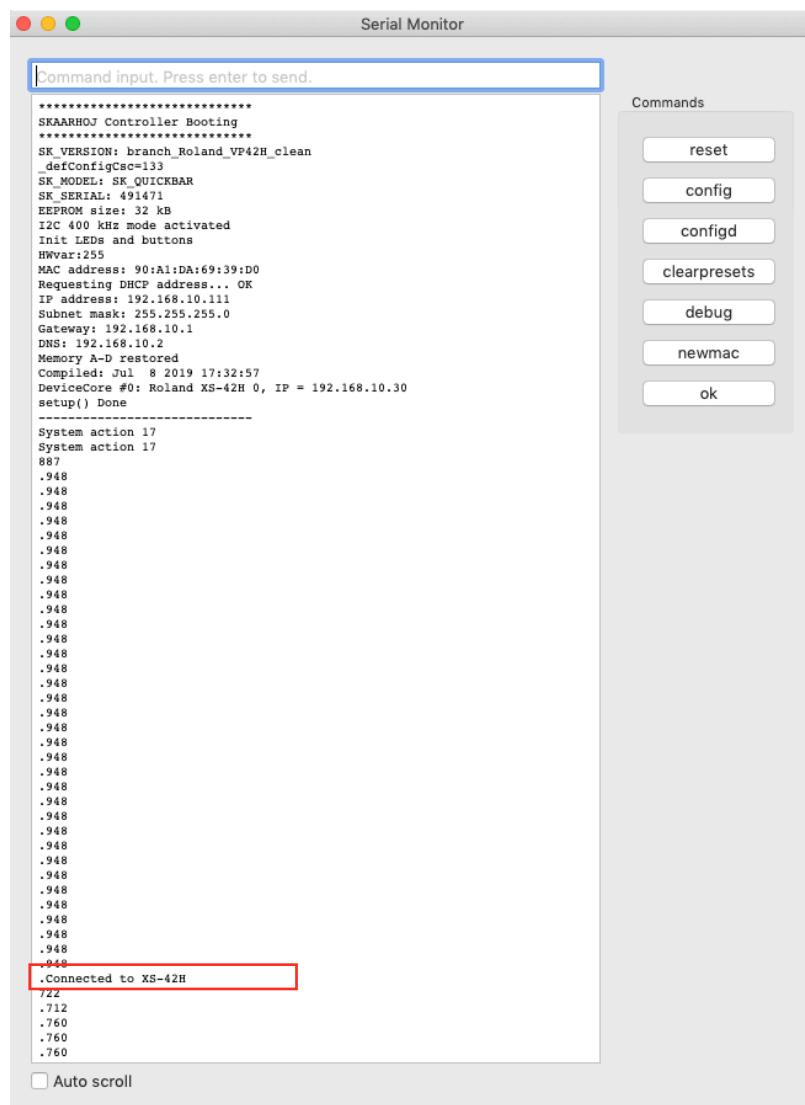
Connection

In order to control the XS-42H a fixed IP address must be set in the menu. The IP address here must match the IP address of the Roland XS-42H Device Core.



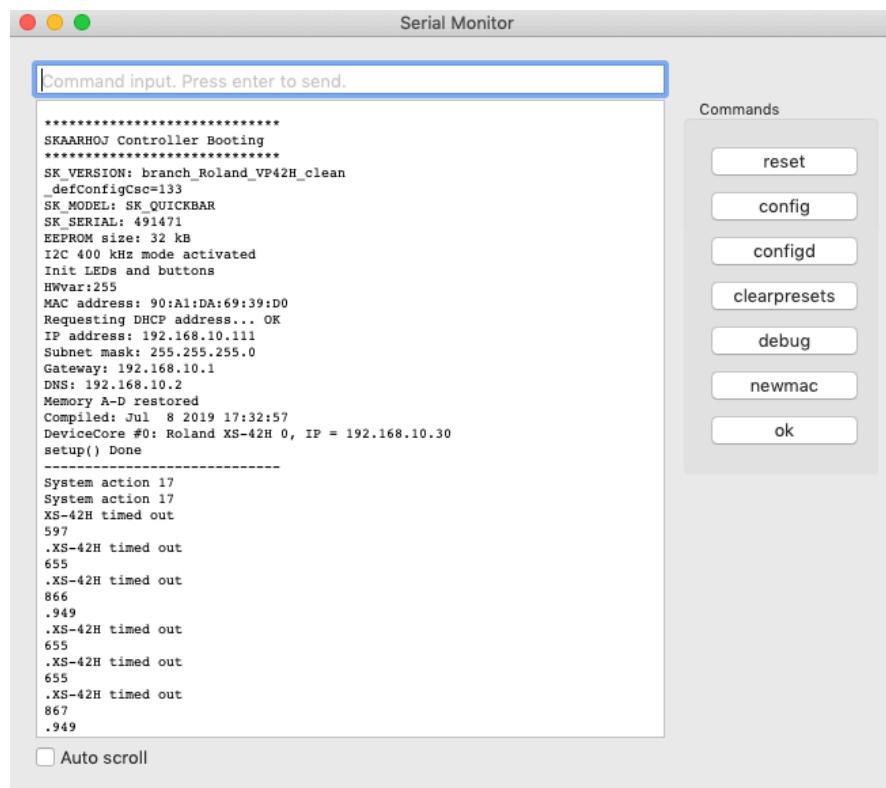
SKAARHOJ DEVICE CORES

When a SKAARHOJ device have successfully connected to the XS-42H the serial monitor will report "Connected to XS-42H". Notice it can take a while before connection have been established.



SKAARHOJ DEVICE CORES

If the SKAARHOJ device are unable to locate the Roland Matrix Switcher on the network the serial monitor will report:



If connection have been lost to the Roland Video Processor it will reconnect but it can take up to 20/30 seconds.

This is a overview of the actions implemented in the Device Core

- ✓ Roland XS42H: Select Scene
- Roland XS42H: Output Src
- Roland XS42H: Transition Rate

This is a table of actions for Roland XS-42H Device Core

Select Scene	<p>Select between the 10 Scene options</p> <p><i>Binary triggers:</i> Sets the selected Scene</p> <p><i>Pulse inputs:</i> Selects next/previous Scene</p> <p><i>Binary outputs:</i> Not implemented</p> <p><i>Displays:</i> "Scene/x"</p> <p><i>Button colors:</i> Highlighted when selected, otherwise dim. When in transition between two Scenes yellow highlighted.</p>
Output Src	<p>Sets the routing</p> <p><i>Binary triggers:</i> Route the selected input to the selected output</p> <p><i>Pulse inputs:</i> Not implemented</p> <p><i>Binary outputs:</i> Not implemented</p> <p><i>Displays:</i> "Output x/y" (y=1-4 and Black)</p>
Transition Rate	<p>Sets the Transition Rate between 0.0s to 4.0s</p> <p><i>Binary inputs:</i> Sets transition rate to the selected value</p> <p><i>Pulse inputs:</i> Cycle through possible transition rates</p> <p><i>Analog inputs:</i></p> <p><i>Binary outputs:</i> Not implemented</p> <p><i>Displays:</i> "Trans Time/x"</p> <p><i>Button colors:</i> Highlighted when Transition Rate match selected values</p>