

Remote control for the LanBox

Here is an Isadora patch and a TouchOSC layout which lets you control the lights with your smartphone. Isadora connects the LanBox with the smartphone, TouchOSC is the app running on the phone.

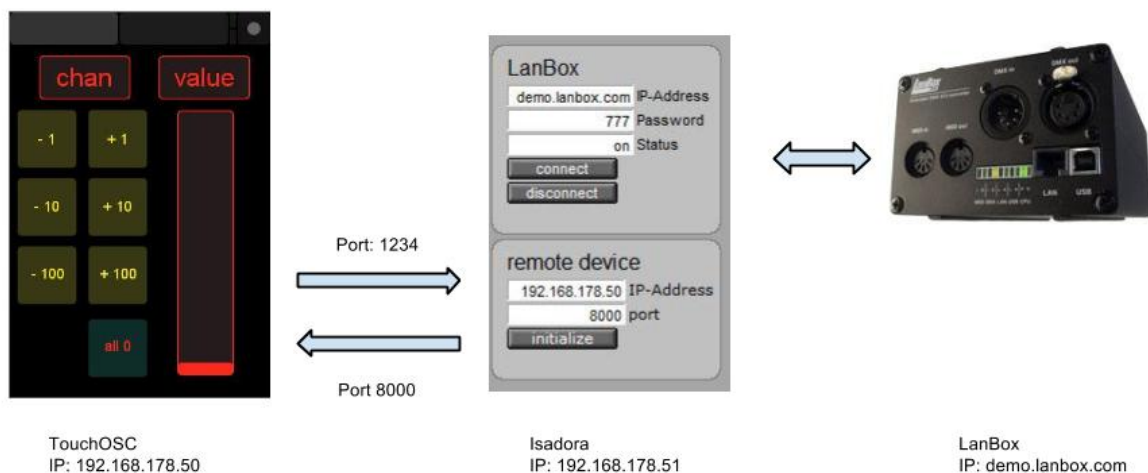
Features

To work with the remote tool is quite simple. You have two pages on your TouchOSC layout, page 1 is designed for directly manipulating DMX values, channel by channel. Page 2 allows you to step through a cuelist, which is already stored in the LanBox.

The connection between the LanBox and the smartphone is bidirectional. You get the actual DMX values as well as the cuelist and cuestep to your phone, and you can manipulate the DMX values and the cuestep. In the TouchOSC layout you have two pages. On page 1 you see the actual channel percentage in the label top right and on the value-slider. The slider lets you change the value of every single channel. Page 2 gives you information about cuelist and cuestep running in Layer A, and lets you step you though the cuelist.

Setup

You will have to setup a network containing the computer with Isadora, the LanBox and the smartphone.



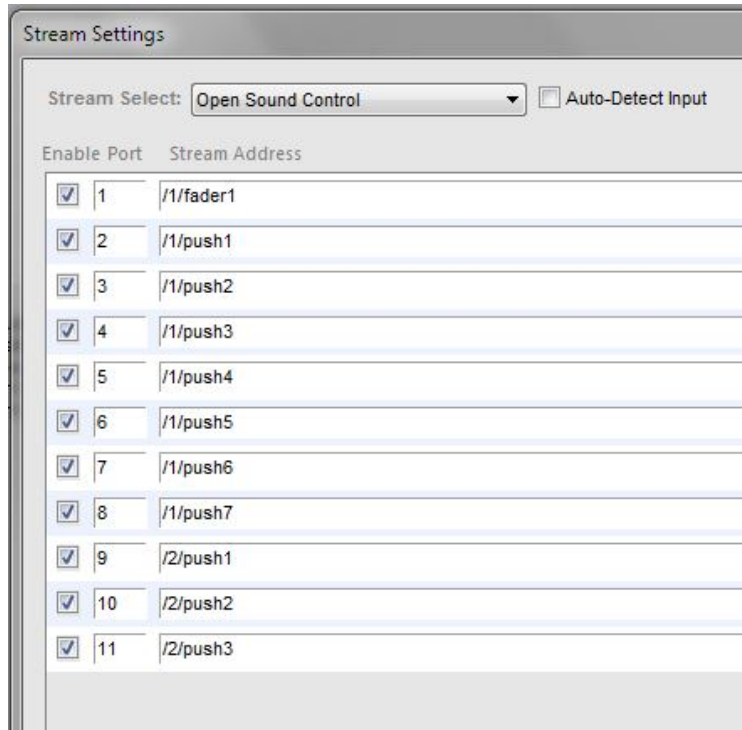
Two remarks concerning the network configuration:

In Windows, the command "ipconfig" shows the IP address of the computer. This is the Host address in TouchOSC. In Isadora, you will write the IP address of your smartphone, which you

find in the settings of TouchOSC.

When using a laptop with WiFi and RJ45 connection, you may configure the RJ45 connection in order to directly connect the LanBox to the laptop.

The stream setup in Isadora should look like this:



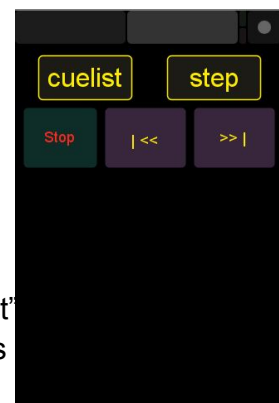
After this rather long setup procedure, you can control the LanBox with the smartphone.

Run

After setting up the network containing the computer, the LanBox and the smartphone, you start Isadora. Now activate Touch OSC on your mobile device. Select “rigging tool 1.touchosc” as your layout. The first page of this layout is shown in the setup diagram. Here you have access to all channels directly. The second page of the layout gives you access to the cuelist, it looks like this:

After entering IP address and password of the LanBox, push the “connect” button in the control window of Isadora. If the connection to the LanBox is ok, the status box shows “on”.

Now enter IP address and port of your smartphone in the edit box and press the “initialize” button.



On your smartphone you have to configure TouchOSC. Host is the IP address of the laptop, outgoing port is 1234, the default value in Isadora, incoming port is 8000.

Remarks

It is quite helpful to run LCedit to get a visual control and see what's happening in the LanBox. All inputs via this app go to layer A. Therefore it is helpful to put layer A on top.