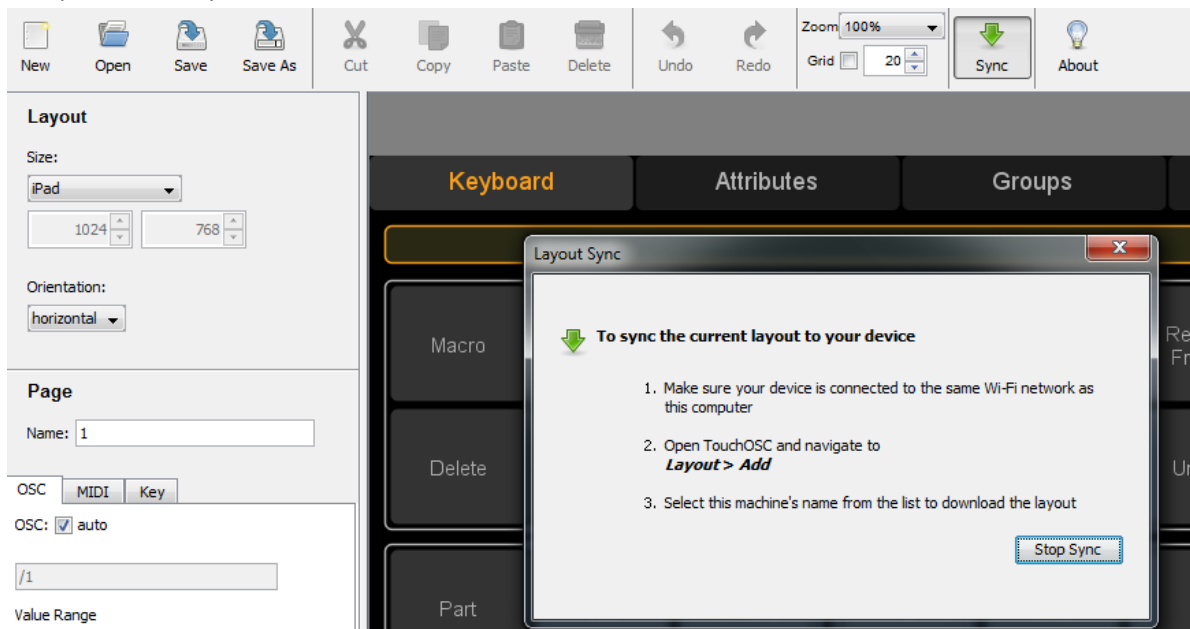


# Quick Guide – Eos and TouchOSC

## How to get the layout on your tablet

1. Install TouchOSC on your iPad or android tablet.
2. Install the TouchOSC Editor on your computer. The TouchOSC Editor can be downloaded under the following link: <http://hexler.net/software/touchosc>
3. Copy the EOS\_TouchOSC.touchosc file into the layouts folder of the editor on your computer. The file can be downloaded under the following link:  
<https://github.com/ElectronicTheatreControlsLabs/OSCLayouts>
4. Start the TouchOSCEditor application on your computer.
5. Open the EOS\_TouchOSC.touchosc file in the TouchOSC Editor.
6. Connect your iPad or Android tablet to the same network your computer is connected.
7. Start the TouchOSC application on your iPad or Android tablet.
8. Select the layout menu. Here you can find a list of available layouts. Press **Add** to add a layout from your computer. Press the **Sync** button in the TouchOSC Editor on your computer. Now the machine's name should appear as a found host on your tablet. Selecting the name will start the synchronization. The layout now can be found in the layout list. Press the **Stop Sync** button on your computer after synchronization is done.



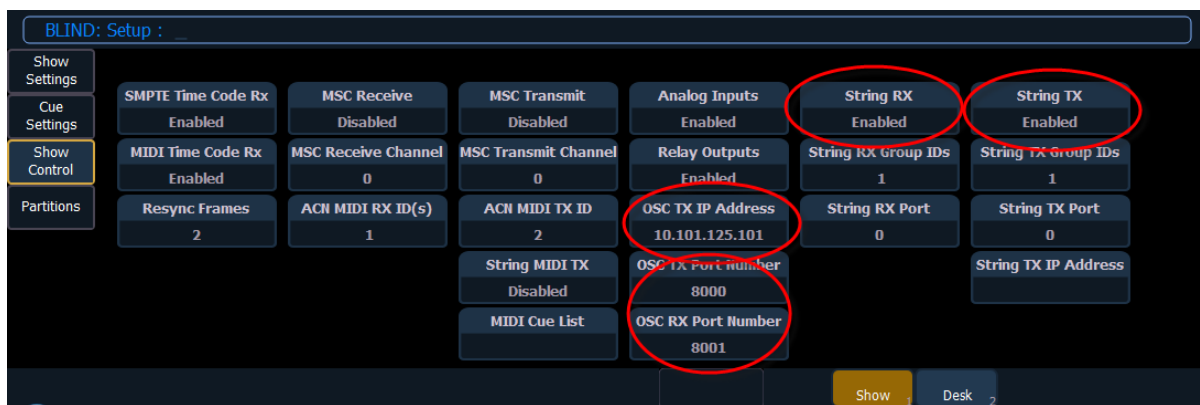
If the synchronization does not work press **Edit** and manually add the IP address of your computer. Select the IP address in the editor hosts field.

A more detailed documentation about the above described steps can be read under the following links:

<http://hexler.net/docs/touchosc-editor-sync>

<http://hexler.net/docs/touchosc-configuration-layout-transfer-wifi>

1. Start your Eos Family console or Eos ETCnomad with software version 2.3.1 or higher.
2. Exit to the main screen and press **Settings**. Go to the **Network** window. Write down the IP address of your console. Default IP ranges for ETC products can be found here:  
<http://www.etcconnect.com/Support/Articles/ETC-Network-IP-Addresses.aspx?LangType=1031>
3. Activate **UDP Strings & OSC** in the interface protocols menu and accept. Start the console again.
4. Navigate to Setup - Show Settings in the Browser. Select Show Control and make the following settings:
  - OSC TX IP Address: IP address of your iPad or android tablet
  - OSC TX Port number: 8000
  - OSC RX Port number: 8001
  - String RX: Enabled
  - String TX: Enabled



5. Connect your iPad or Android tablet to the same network your Eos Family console or Eos ETCnomad is connected. For bi-directional communication (commands to and status from the console), we recommend to use a wireless access point or connect the console to the LAN (not WAN) side of the router.
6. Select the EOS\_TouchOSC layout in the layout list and press done in the TouchOSC main menu. The layout should appear on the screen of your tablet now.

7. Press the button in the upper right corner to go back to the main menu and select OSC in the connections menu and make the following settings:

- Enabled: activate
- Host: IP address of your EOS Family console or EOS ETCnomad
- Port (outgoing): 8001
- Port (incoming): 8000
- (Local IP address: IP address of your iPad or android tablet)

TouchOSC		OSC
Enabled		
Host	192.168.0.222	
Port (outgoing)	3032	
Port (incoming)	3037	
Local IP address	10.101.125.101	

8. Go in the options menu and select the following settings:

- Send Ping (/ping): activate
- Accelerometer (/xyz): deactivate
- Touch Messages (/z): deactivate

TouchOSC		Options
GENERAL		
Double-Tap Settings	<input type="checkbox"/>	
Double-Tap Pages	<input type="checkbox"/>	
Flip Interface	<input type="checkbox"/>	
OSC		
Send Ping (/ping)	<input checked="" type="checkbox"/>	
Accelerometer (/xyz)	<input type="checkbox"/>	
Touch Messages (/z)	<input type="checkbox"/>	

9. Go back to the main menu and press done. Now you should be connected with your console. Try to change between live and blind mode by pressing the buttons on your tablet to make sure connection works. The LEDs and text in the command line on your tablet should change as well as the mode on your Eos Family console or Eos ETCnomad.