Greater Than Control
SFX Control Panel and Client Step by Step Set Up Guide

SFX Control

Thank you for purchasing SFX control from Greater Than Control. Please keep checking in at greaterthan.us as we are constantly developing new control products. If there is a control panel you would like to see in the store, feel free to let us know!

Please be sure to read the EULA included in the package before proceeding.

License Information:
Your purchase of this Greater Than Control package entitles you to install it on one primary and one backup computer owned by the purchaser of this software. Additional installations must be accompanied by another license purchase. As fellow entertainment industry professionals, we want license restrictions to not get in the way of doing your job. Please help us to maintain a positive outlook on this topic by playing fair, paying for what you use and not distributing it.

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<u>Software Setup and Instillation Guide</u>

Step 1: **Software**

If you have not installed the following software, please do so now.

- Download and install TouchOSC on your iDevice (iPad, iPhone and iPod Touch)
    - Get TouchOSC from the iTunes store by clicking <u>here</u>. ($4.99 at time of writing)
- Download and install TouchOSC Editor. Get the editor <u>here</u>. (free)
    - Scroll down a little ways and look for the "TouchOSC Editor" title.
- Download and install MidiYoke from MidiOX <u>here</u>.
    - We need to route MIDI from the SFX Client to SFX. You can use other software or hardware to do this if you prefer.
- Download iTunes from Apple <u>here</u>.
- Download SFX from Stage Research <u>here</u>.
- Move the Greater Than Control Folder into your Applications folder.

Step 2 : **Network**

- Make sure the computer and the iDevice are on the same network.
    - You can make an Ad-Hoc network if you need to.
        - PC Instructions <u>here</u>.
        - Mac instructions <u>here</u>.

Step 3 : **Set up the SFX Control Client**

- Open the "SFX Control Client" software included in your package from Greater Than Control.
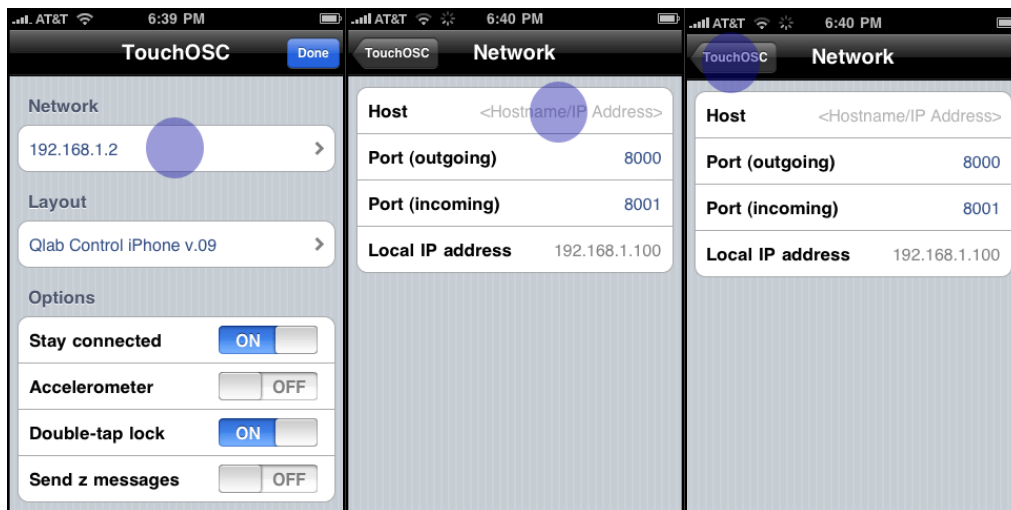- Select your network interface from the drop down menu on the top left.

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Step 4: **Set up TouchOSC**

• Open TouchOSC on your iDevice and navigate to "Network". Enter your host computer's IP address in the "Host" field.
• Verify the outgoing port is set to 8000 and the incoming port is set to 8001.
• When everything is set properly tap "TouchOSC" to return back to the main page.
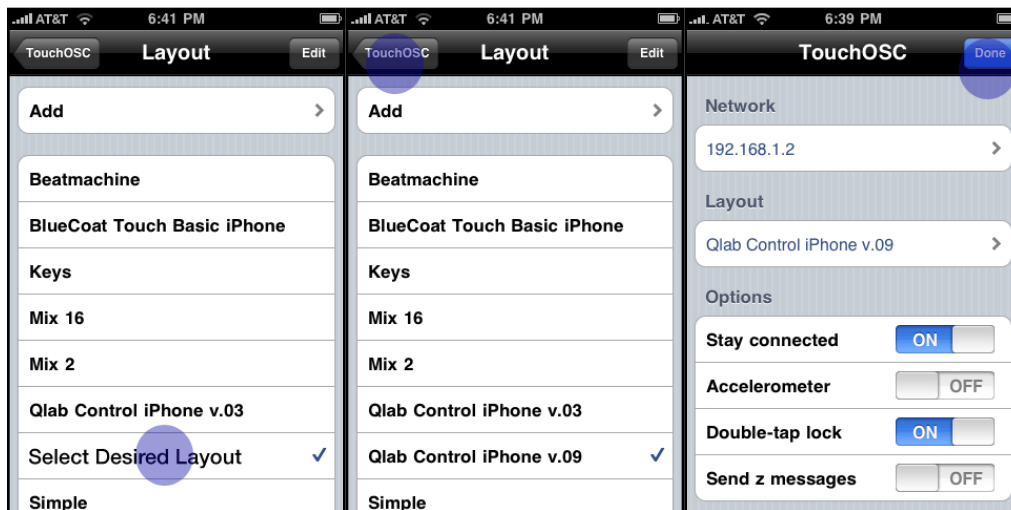

•Install the SFX control layout.
        • On your computer, open the included SFX Control Panel, the ".touschosc" file, with the "TouchOSC Editor" program you downloaded in step 1.
        • If you are prompted to allow network access, click "Allow".
        • Click "Sync"

•Back on your iDevice, go to TouchOSC.
　• Tap **Layout** field then **Add** field and tap the name of the host computer. It may take a few seconds for the iDevice to discover the host computer.
　• After a successful sync,select the QLab Layout on your iDevice.
　• Tap **TouchOSC** > **Done** and you should see the panel. You may need to rotate the device for proper orientation.

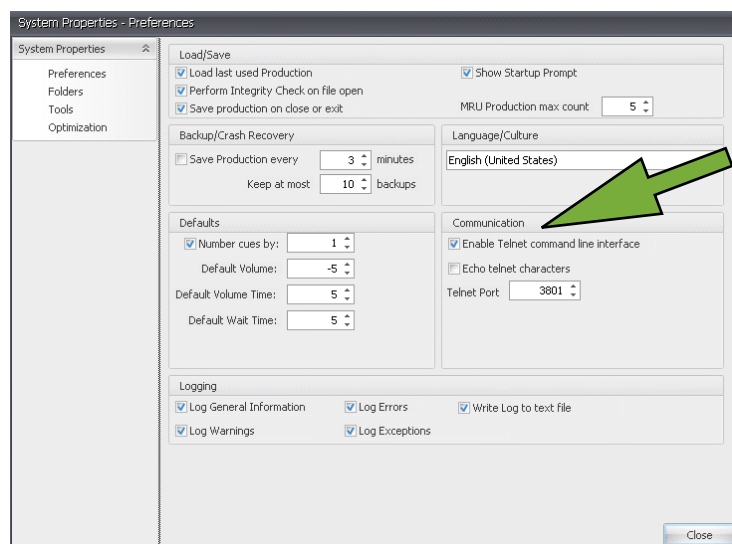•Quit the TouchOSC Editor on your host computer.

Step 5: **MIDI Setup**

• If you wish to use the MIDI functionality of the Client, set the MIDI port to use the correct MIDI output.
• For the typical situation, you will choose MIDI Yoke 1 as the Client Output.
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Step 6: **TelNet**

• TelNet is a IP based platform built into all versions of SFX 6. To use TelNet, you need to enable it in SFX by going to to **File>System Properties...** and clicking "**Enable Telnet command line interface**". Make sure you are using port 3801. The client communicates to SFX using 127.0.0.1.

Step 6: **Testing Communication**

- For your first test, launch iTunes and SFX.
- Switch to iTunes:
    - Select the playlist you wish to play and highlight the first track.
- In SFX:
    - Load your cue list.
    - Decide if you are using TelNet or MIDI for SFX. Turn on or off the appropriate commands in the control client and make sure you have set up SFX to use the desired protocol.
    - If you are using MIDI, set SFX to capture MIDI commands as you send them or you can input the values manually. The schedule of MIDI commands is in the notes section of this document.

- Switch back to the Control Client and try clicking on the buttons. They should work.
- Next, try the controls on your iDevice. They should work as well.
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That's it! Enjoy using your new interface.

If you encounter any issues, please refer to the notes and troubleshooting info at the bottom of this document.

Further support can be located on our website at http://www.greaterthan.us/GTDcontrol/support.html.

Please feel free to join our users group to stay up to date on product info and to participate in our user community. More information can be found here.

Notes:

SFX

1. There are four or six "special" buttons that fire MIDI events. You can route the MIDI into SFX and use them for triggering specific cues or use them for controlling other devices. One possibility is sending them to a digital mixer for next and back scene changes, triggering mutes or MIDI controlled blender power.

2. MIDI data schedule:

Command	Channel	Note	Velocity
GO	16	119	127
Stop	16	118	127
Top of Show	16	117	127
Play	16	116	127
Pause	16	115	127
Back	16	114	127
Next	16	113	127
Special 1	16	112	127
Special 2	16	111	127
Special 3	16	110	127
Special 4	16	109	127
Special 5 (iPad Only)	16	108	127
Special 6 (iPad Only	16	107	127

iTunes

1. The volume and Mute controls are specifically and exclusively for iTunes.

2. Volume changes are in 3dB increments for fine control.

3. Using the buttons on the Client or your iDevice while iTunes is closed will cause iTunes to open! Some users report doing this causes iTunes to report an error when it loads. The recommended practice it to manually load iTunes before sending it script commands.

Troubleshooting:

SFX doesn't respond to commands:
> 1: TelNet is only supported in SFX v6 and later. Use the MIDI implementation for v5.

TouchOSC and your host computer aren't communicating with each other:
> 1. It is likely your firewall is blocking the communication.
> 2. Make sure both computers are connected to the same network.
> 3. Make sure both machines have compatible IP addresses.

The connection is intermittent:
> 1. Make sure your WiFi signal is strong by looking at the meter on the iDevice. You can try re-locating your access point, changing the channel it broadcasts on or try better antenna systems on the access point.
> 2. Consider using repeaters or a bridge.
> 3. Turn off other near by transmitters that operate in a similar frequency.

iTunes doesn't respond to commands from the client:
> 1. Restart iTunes.
> 2. Make sure you are selecting a song in a playlist when you launch iTunes.
> 3. Restart your computer. On some machines, we have found iTunes sometimes stops listening for scripts.