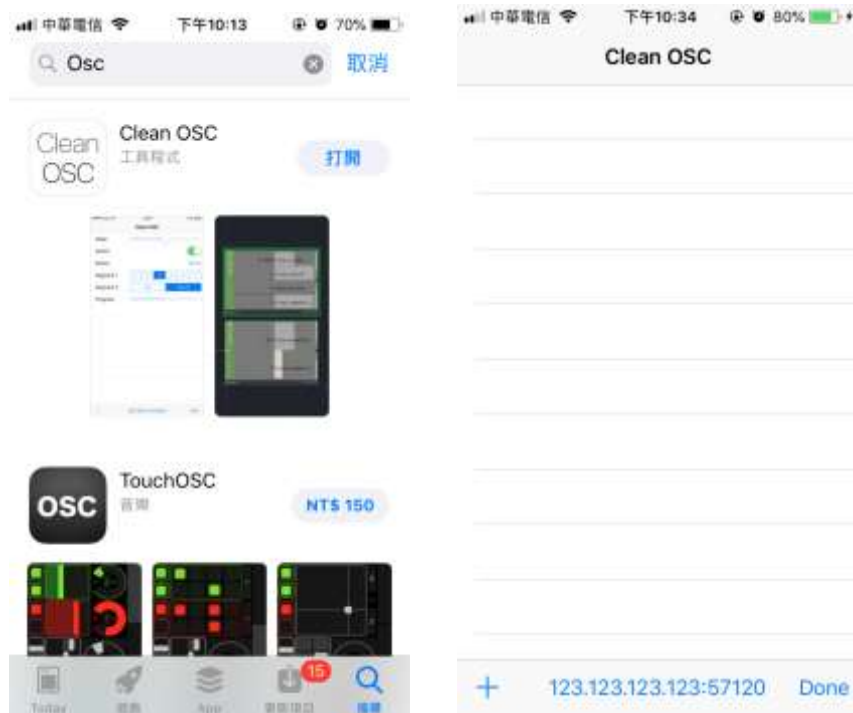


Open Sound Control Environment Setup

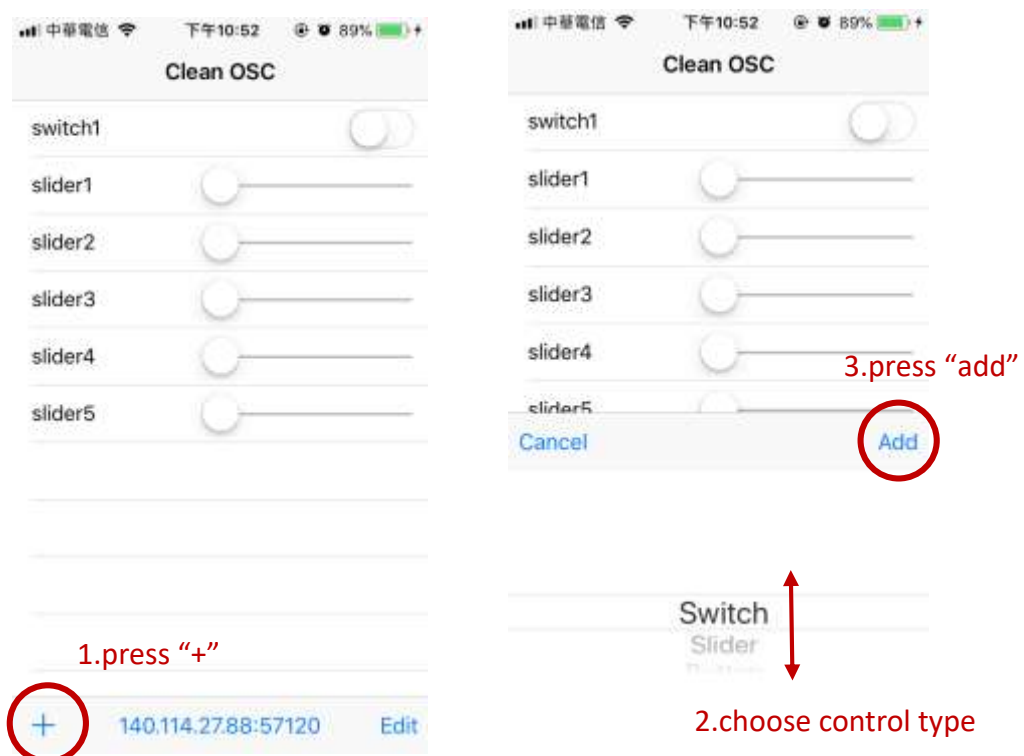
106061524 林秉言

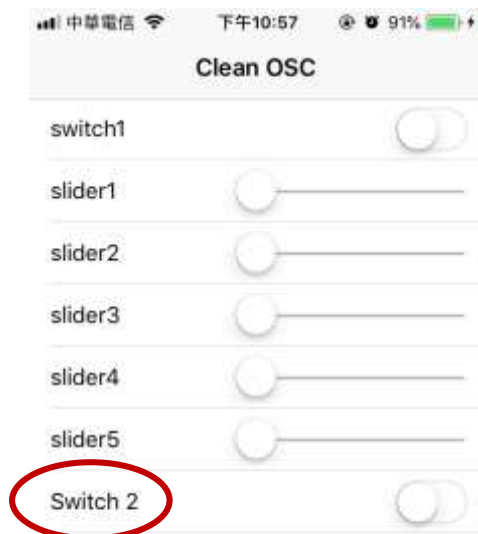
Part 1. Smartphone

Step 1. Download Clean OSC (because it's free) and Open It

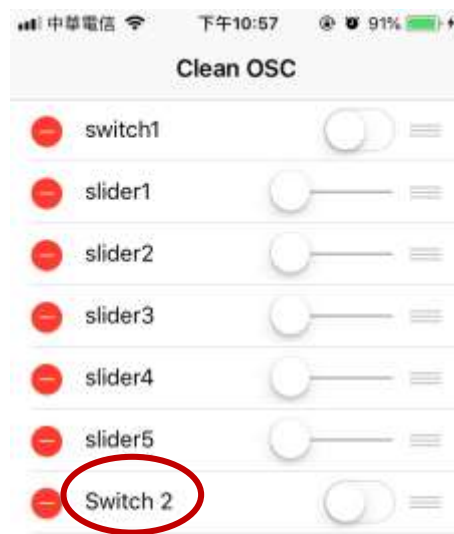


Step 2. Add Control Layout on Your Panel and Rename It

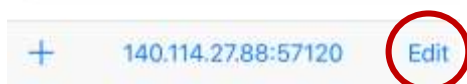




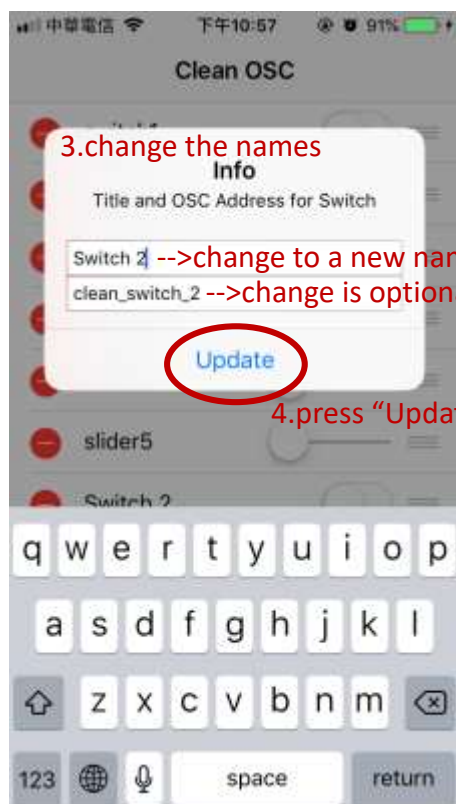
There is always a 'space' in the default name that might be a trouble in supercollider. Therefore, a new name is highly recommended.



2.press the name of target



1.press "Edit"



3.change the names

Title and OSC Address for Switch

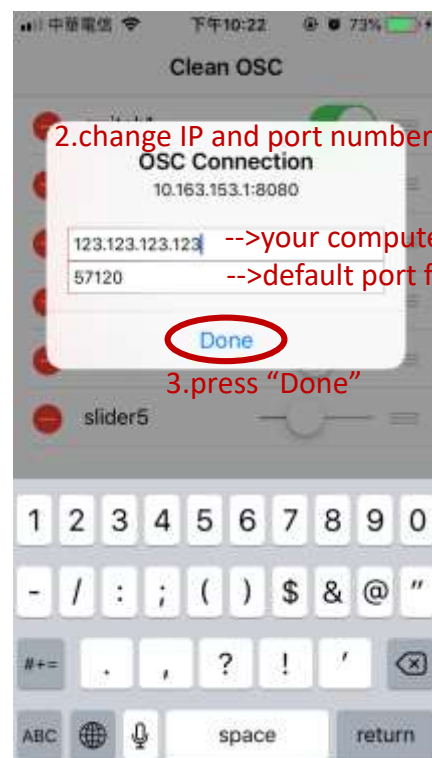
Switch 2 -->change to a new name
clean_switch_2 -->change is optional

4.press "Update"



5.press "Done"

Step 3. Connect Your Computer to Your Smartphone



Part 2. Supercollider (connect control panel to supercollider)

This part shows how supercollider connects to Clean OSC. **Follow the format strictly** then everything should be fine.

```
// simple example
(  
  OSCdef(  
    key: \sw2,  
    func: {arg msg, time, addr, port;  
        
    },  
    path: '/clean_switch_2');  
)
```

Do Something



Part 3. Simple example

```
// simple example
(  
  OSCdef(  
    key: \sw2,  
    func: {arg msg, time, addr, port;  
      [msg, time, addr, port].postln  
    },  
    path: '/clean_switch_2');  
)
```

Functionality of this example:

Each time the switch ss2 is turned on or off, the status of the switch would be printed.

Output (switch 3 times):

[[/clean_switch_2, 0]	4814.5326325,	a NetAddr(140.114.27.151, 63574)	57120]
[[/clean_switch_2, 1]	4818.9772417,	a NetAddr(140.114.27.151, 63574)	57120]
[[/clean_switch_2, 0]	4820.2584635,	a NetAddr(140.114.27.151, 63574)	57120]

Switch address name
and on/off

time

address

port

Part 4. Reference

<https://www.youtube.com/watch?v=ZVTbRNU2BIO>

https://ccrma.stanford.edu/~ruviaro/texts/A_Gentle_Introduction_To_SuperCollider.pdf