Manuals+ — User Manuals Simplified.

FOS Lighting Show Replay 1024 Lighting Controller User Manual

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INTRODUCTION

The Show Replay 1024 is a very useful and versatile DMX tool. It is more than a DMX recorder, it is a DMX signal booster, ArtNet to DMX node, DMX merger. To optimize the performance of this product, please read the user manual carefully before use.
What Is Included

The following items are included in the box:

- 1pc Show Replay 1024
- 1pc 32G SD card
- 1pc Power cable
- 1pc User Manual

Carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Contact your supplier immediately and retain packing material for inspection if any part is missing or damaged.
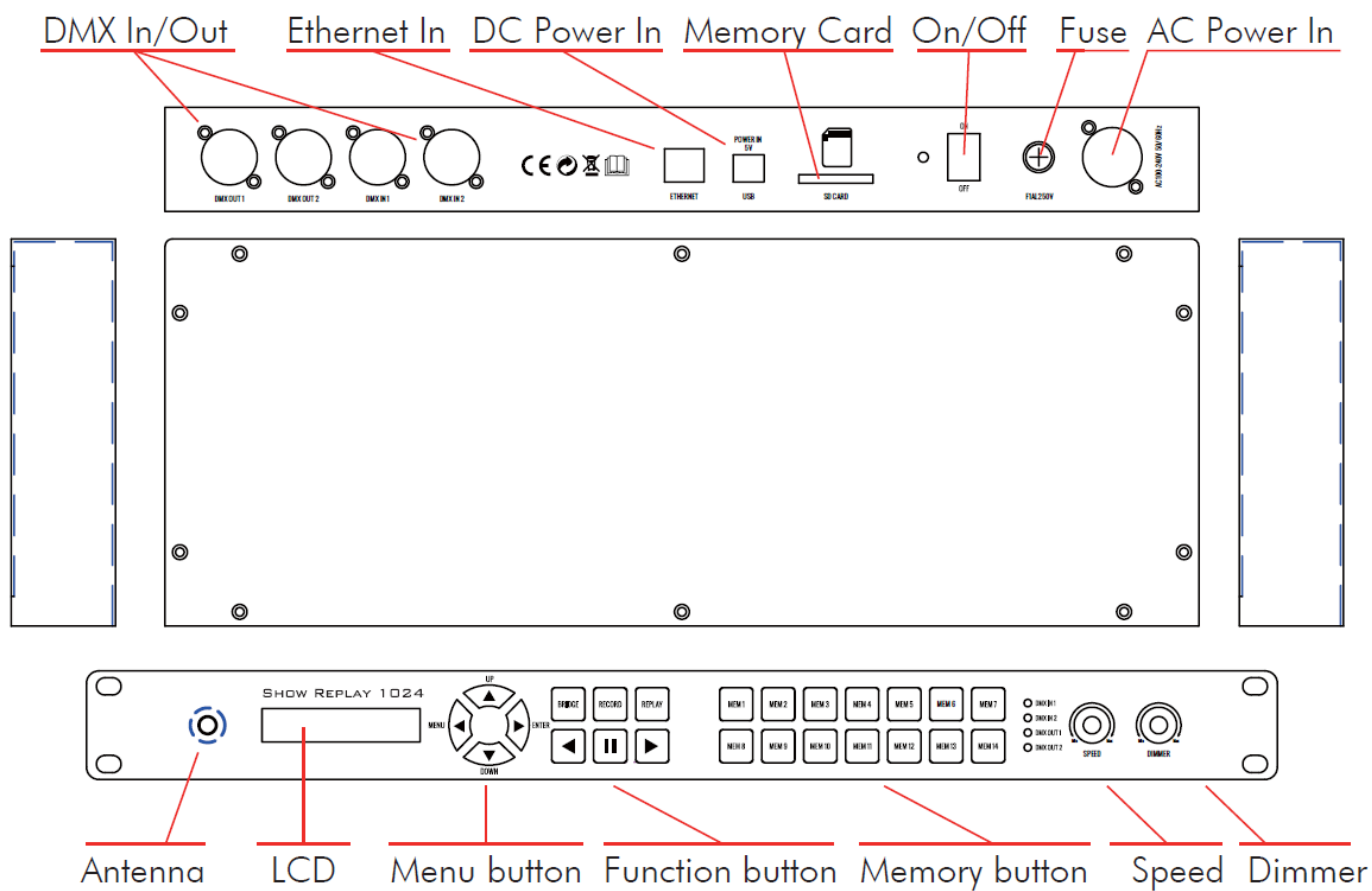**Safety Instruction**
WARNING
To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- This product is intended for indoor use only!
- Always turn off, unplug power and allow fixture to cool before servicing.
- Ensure that fixture is properly grounded.
- Please keep this User Guide for future consultation.
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- The unit must be installed in a location with adequate ventilation. Be sure no ventilation slots are blocked.
- Make sure power cord is never crimped or damaged.
- Do not remove the top cover under any conditions. There are no user serviceable parts inside.
- Disconnect the unit's main power when left unused for long periods of time.
- Never connect this unit to a dimmer pack.
- Never operate this unit when it's cover is removed.
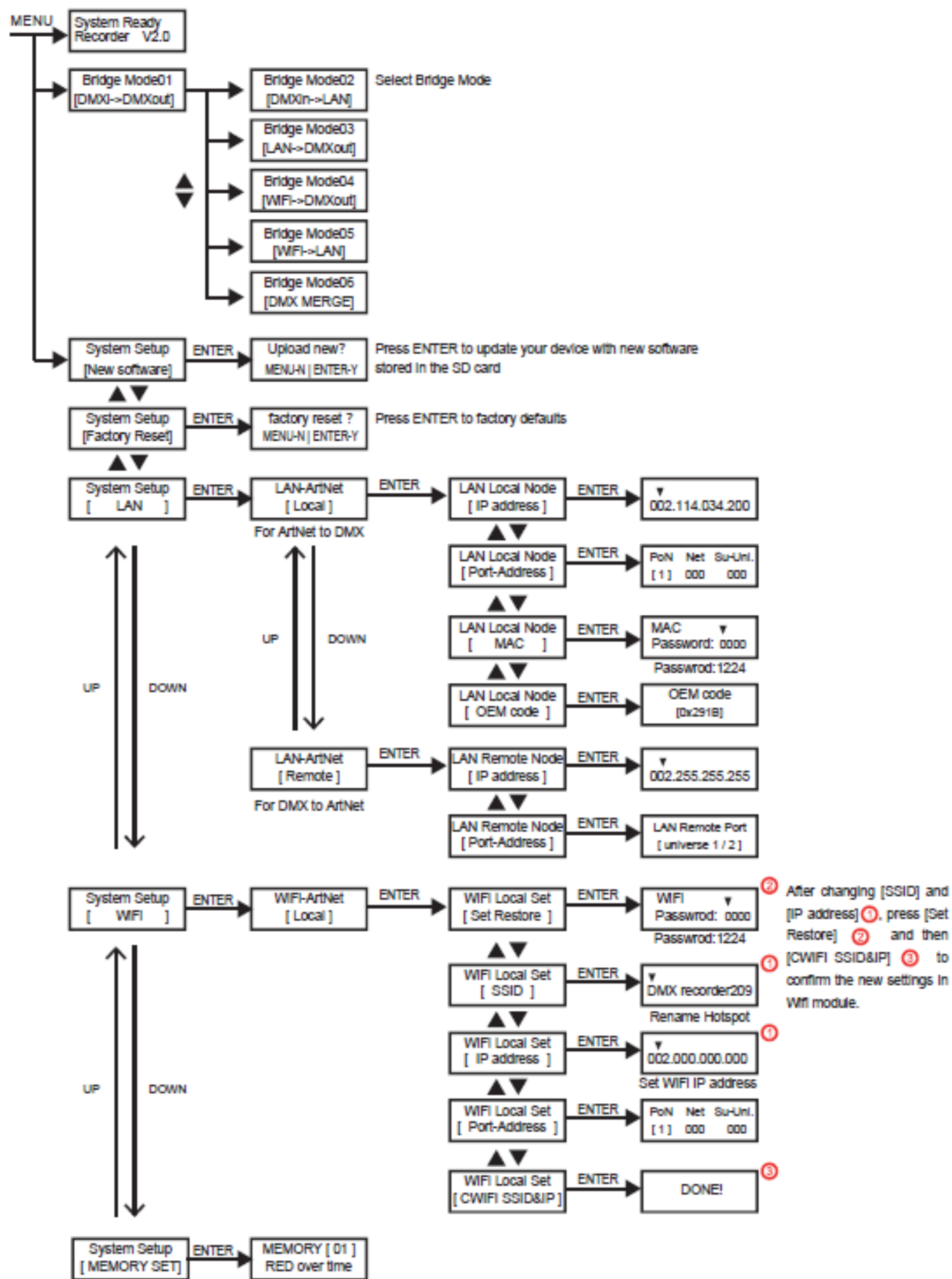- Any damage caused by manual modifications are not subjuect to warranty.

Features

- Supports ArtNet and DMX
- 1024 channels DMX in & out
- Real-time or step-by-step record from DMX / Artnet (via Lan or WiFi)
- 14 Memories and each up to 20 hours can be stored in SD card
- Replay can run in solo or loop mode
- Replay can run on iPad/iPhone via Touch OSC
- **Bridge functions:**
- DMX input to DMX output (signal booster)
- DMX input to Arnent output via LAN
- Artnet input via LAN to DMX output
- Artnet input via WiFi to DMX output
- Artnet input via WiFi to ArtNet out from LAN
- DMX Merge (HTP/LTP/override/backup)

Product Overview

DMX In/Out   **Ethernet In**   **DC Power In**   **Memory Card**   **On/Off**   **Fuse**   **AC Power In**

Antenna   **LCD**   **Menu button**   **Function button**   **Memory button**   **Speed**   **Dimmer**

OPERATING INSTRUCTIONS

MENU OPERATION

MENU → System Ready
Recorder   V2.0

Bridge Mode01
[DMXI->DMXout]
→ Bridge Mode02
[DMXIn->LAN]   Select Bridge Mode
Bridge Mode03
[LAN->DMXout]
Bridge Mode04
[WIFI->DMXout]
Bridge Mode05
[WIFI->LAN]
Bridge Mode06
[DMX MERGE]

System Setup
[New software]   — ENTER →   Upload new?
MENU-N | ENTER-Y   Press ENTER to update your device with new software stored in the SD card

System Setup
[Factory Reset]   — ENTER →   factory reset ?
MENU-N | ENTER-Y   Press ENTER to factory defaults

System Setup
[LAN   ]   — ENTER →   LAN-ArtNet
[Local]   — ENTER →   LAN Local Node
[IP address]   — ENTER →   ▼ 002.114.034.200
For ArtNet to DMX

LAN Local Node
[Port-Address]   — ENTER →   PoN   Net   Su-Uni.
[1]   000   000

LAN Local Node
[MAC   ]   — ENTER →   MAC   ▼
Password: 0000
Passwrod: 1224

LAN Local Node
[OEM code]   — ENTER →   OEM code
[0x291B]

LAN-ArtNet
[Remote]   — ENTER →   LAN Remote Node
[IP address]   — ENTER →   ▼ 002.255.255.255
For DMX to ArtNet

LAN Remote Node
[Port-Address]   — ENTER →   LAN Remote Port
[universe 1 / 2]

UP   DOWN

System Setup
[WIFI   ]   — ENTER →   WIFI-ArtNet
[Local]   — ENTER →   WiFi Local Set
[Set Restore]   — ENTER →   WIFI   ▼
Password: 0000
Passwrod: 1224

WiFi Local Set
[SSID]   — ENTER →   ▼ DMX recorder209
Rename Hotspot   ①

WiFi Local Set
[IP address]   — ENTER →   ▼ 002.000.000.000
Set WIFI IP address   ①

WiFi Local Set
[Port-Address]   — ENTER →   PoN   Net   Su-Uni.
[1]   000   000

WiFi Local Set
[CWIFI SSID&IP]   — ENTER →   DONE!   ③

② After changing [SSID] and [IP address] ①, press [Set Restore] ② and then [CWIFI SSID&IP] ③ to confirm the new settings in Wifi module.

System Setup
[MEMORY SET]   — ENTER →   MEMORY [01]
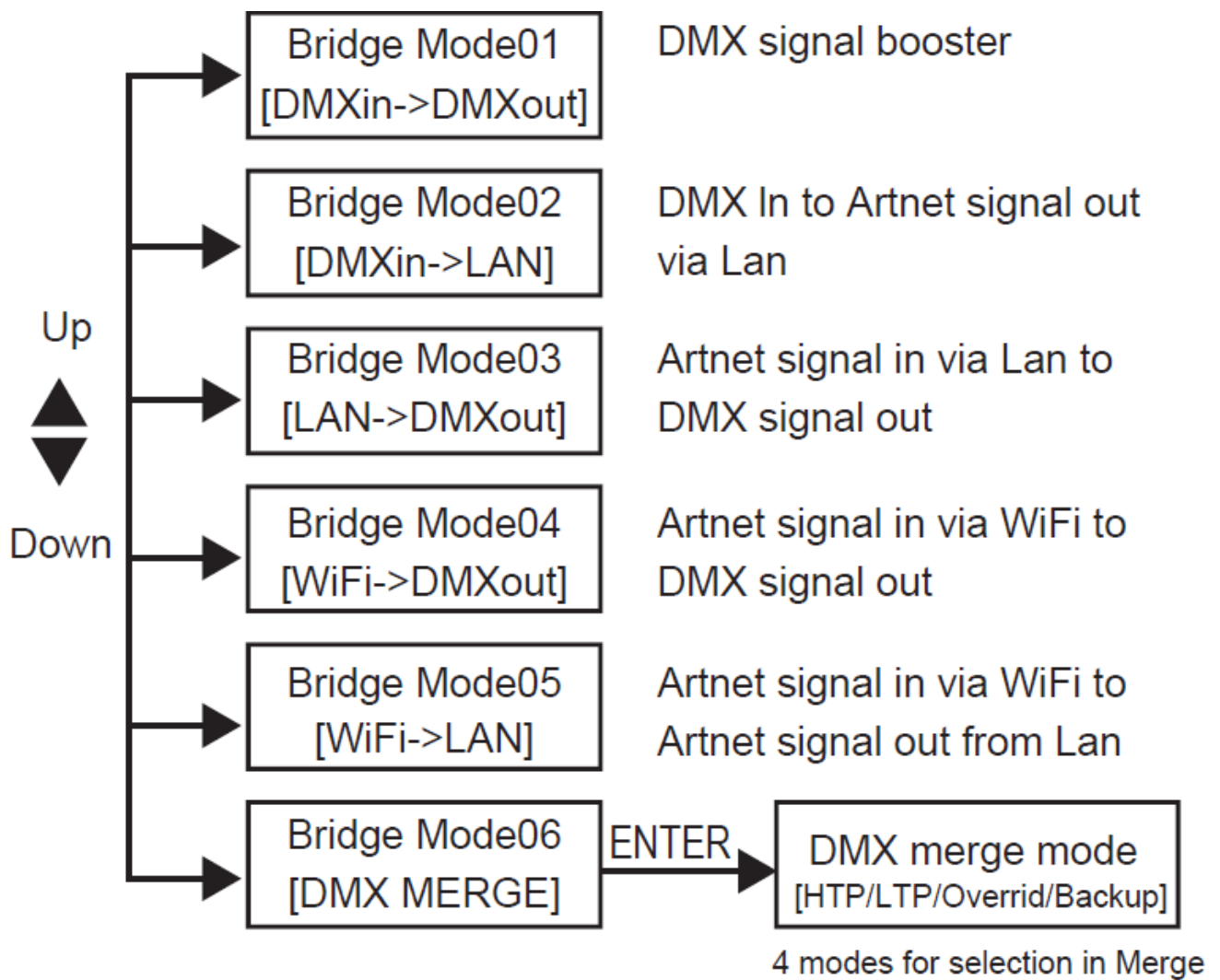RED over time

BRIDGE
Under BRIDGE, the unit works as a signal booster, ArtNet to DMX converter, DMX Merger. Press BRIDGE button and its LED is lit up. Then use MENU/ENTER/UP/DOWN to select different modes as below.

Bridge Mode01 [DMXin->DMXout]	DMX signal booster
Bridge Mode02 [DMXin->LAN]	DMX In to Artnet signal out via Lan
Bridge Mode03 [LAN->DMXout]	Artnet signal in via Lan to DMX signal out
Bridge Mode04 [WiFi->DMXout]	Artnet signal in via WiFi to DMX signal out
Bridge Mode05 [WiFi->LAN]	Artnet signal in via WiFi to Artnet signal out from Lan
Bridge Mode06 [DMX MERGE]	ENTER → DMX merge mode [HTP/LTP/Overrid/Backup]

Up ▲ ▼ Down

4 modes for selection in Merge

Bridge Mode03 [LAN->DMX out]
In this mode, the unit converts ArtNet signal via Ethernet connector (Lan) to DMX signal.

DMX cable

Lan cable

Bridge Mode04 [WiFi->DMX out]
In this mode, the unit converts ArtNet signal via WiFi to DMX signal.

Notes:

connect your lighting console to the Recorder's WiFi hotspot (password: 12345678). 2). Set IP address of your lighting console in the same network range as Recorder's WiFi IP address (2.0.0.x). 3). ArtNet output from your console must be enabled.

Bridge Mode06 [DMX MERGE]

In Merger mode, there are 4 modes for selection: HTP (the highest DMX value takes precedence), LTP (the latest DMX value takes precedence), Override (both inputs are combined to form an output signal by setting a start address for each input), and Backup (when the signal at input 1 is lost, the signal of input 2 will take output priority.

RECORD

Lighting show can be recorded from DMX or ArtNet (via Ethernet or WiFi). There are 14 memories for recording and each can be stored up to 20 hours on the SD card.

1. Recording can be made as real time (Rec over time) or step-by-step. So, we need to set Memory mode before recording.
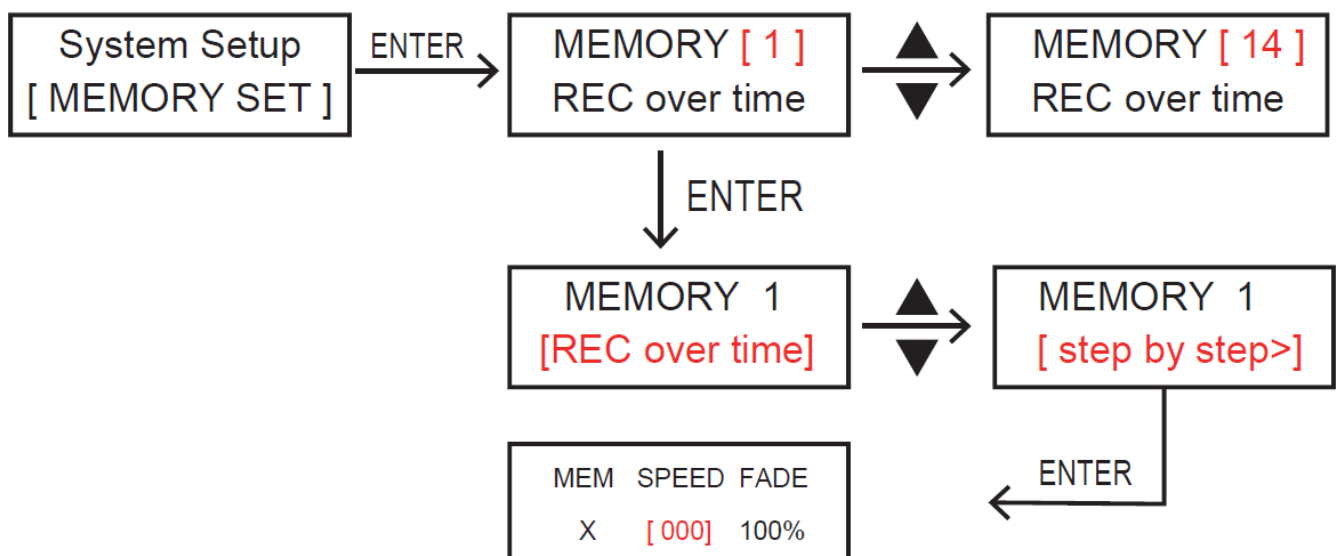
Notes:

Speed can be set from 000-240 (0.1s-6s).

2. Press RECORD button and its LED is lit up.

3. Use UP/DOWN to select record modes as below.

MENU

| Record Mode01 [DMXi->SD&DMXo] | DMX in to SD card & DMX output |

| Record Mode02 [LAN->SD&DMXo] | ArtNet input via LAN to SD card & DMX output |

| Record Mode03 [WiFi->SD&DMXo] | ArtNet input via WiFi to SD card & DMX output |

| Record Mode04 [WiFi->SD&LAN] | ArtNet input via WiFi to SD card & LAN output |
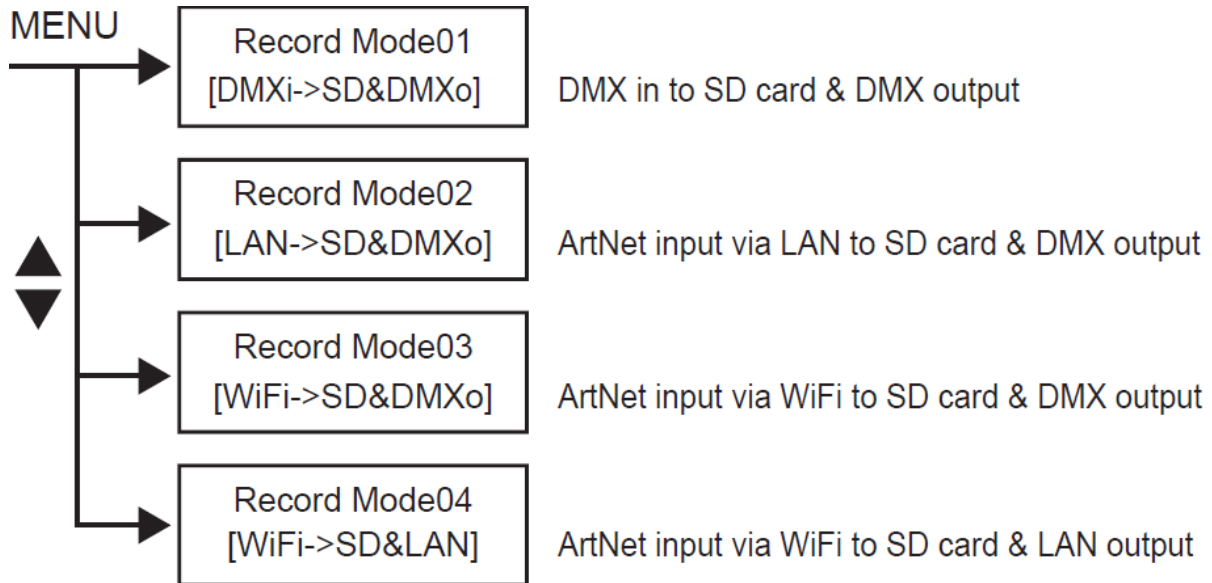
4. Press MEM1-MEM14 button to select desired Memory for recording. The LED of selected Memory is blinking and corresponding number "MEMX(1-14)" will be showed on LCD.

Memory number ——— MEM1 ■00:00:00 ——— Recording time
err: - Lframe: 000
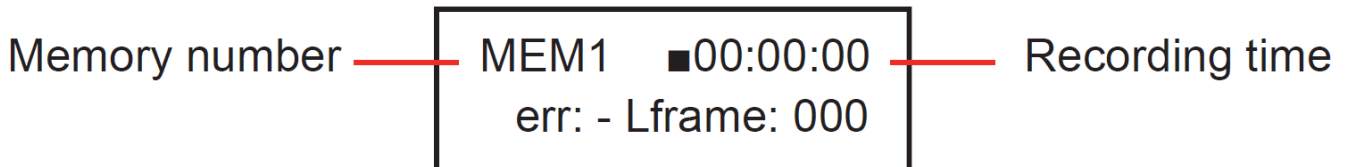
- "err:- " means no error. when there is error during recording, then error code displays err: x (x=code).

5. When recording is over time, press ► button to start recording, ▌▌ to pause and ◄ to end recording. When it is step-by-step, press ► button to increase a step, ◄ to end recording.

REPLAY
Replay can be in solo or loop mode. And replay can be operated on the unit or iPhone/iPad via Touch OSC.
Replay on unit

1. Press REPLAY button and its LED is lit up. The unit goes to last stadus of replay.

2. Use ◄ and ► button to run in loop mode, ▌▌ button to run in solo mode.

3. In loop mode, LED indicator of ◄ (or ►) is blinking. ◄ and ► button indicate the direction of running. The LED indicators of selected memory are lit up and the blinking one is in running.

4. When in loop mode, press ▌▌ button to pause, press ▌▌ button again to enter solo mode and its LED is blinking. In solo mode, the selected MEM (memorie) are lit up. Press the selected one to run in solo mode and its LED is blinking.

5. Use SPEED knob to adjust running speed from 25% to 200%. Use DIMMER knob to adjust output from 0 to 100%.

NOTE:
MEM button without recording data can't be selected in REPLAY.
**Replay on a iPhone/iPad**

In order to use a iPhone or iPad to control the RECORDER, you need to install Touch OSC and upload the

interface of RECORDER on your iPhone/iPad.

1. Download Touch OSC from Apple Stores/Google Play and install it on your Phone/Pad.
2. Click on Touch OSC and run it on your Phone/Pad.
3. Install TouchOSCEditor.exe on your PC/Laptop from the SD card included in Recorder (or download it from https:**//hexler.net/software/touchosc**).
4. Run Touch OSC Editor on your PC/Laptop click "Open" and select "RECORDER1024.touchosc" file from SD card.
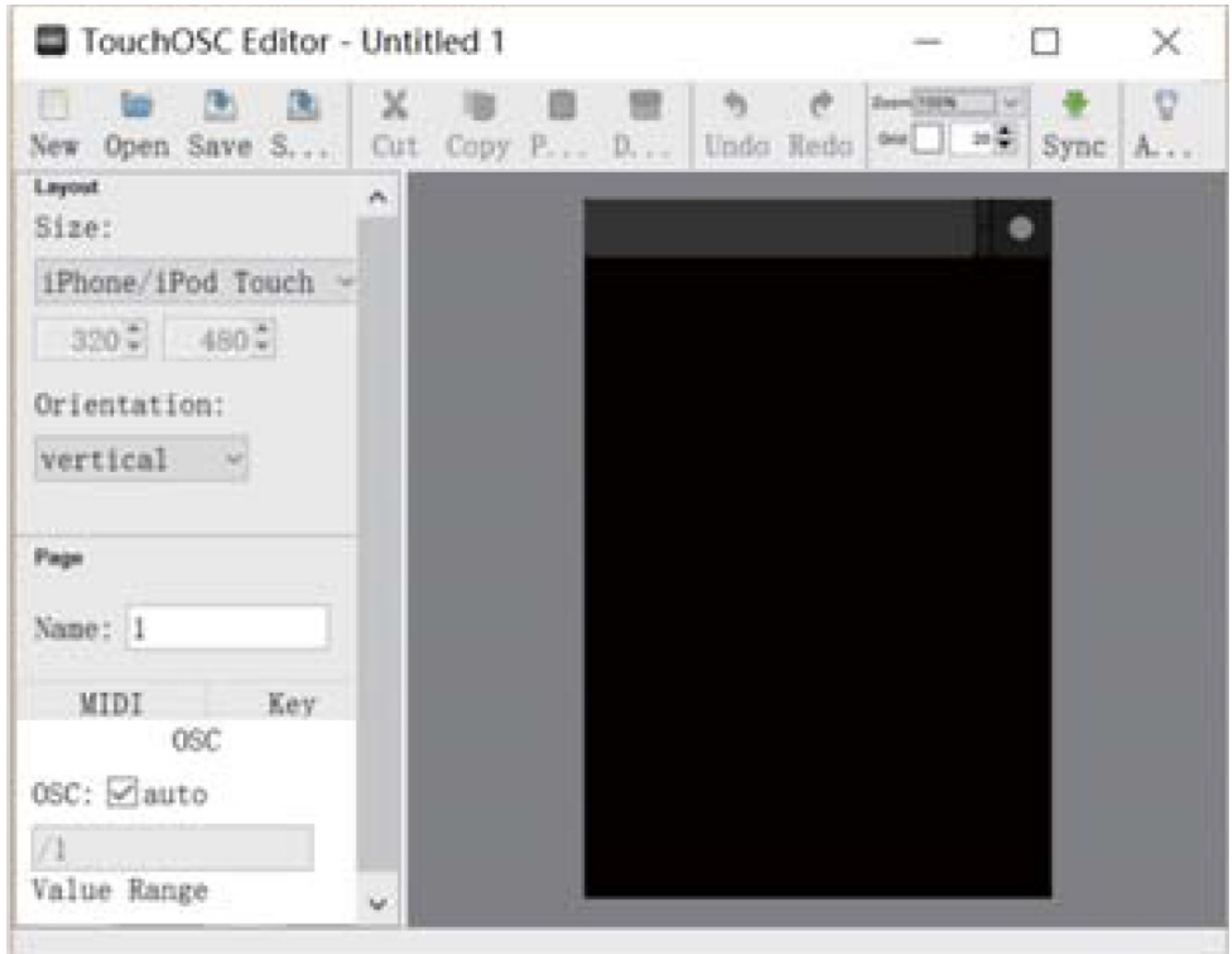
5. Click on the dot in the upper right cornner of your Phone/Pad, and then click LAYOUT and Add.
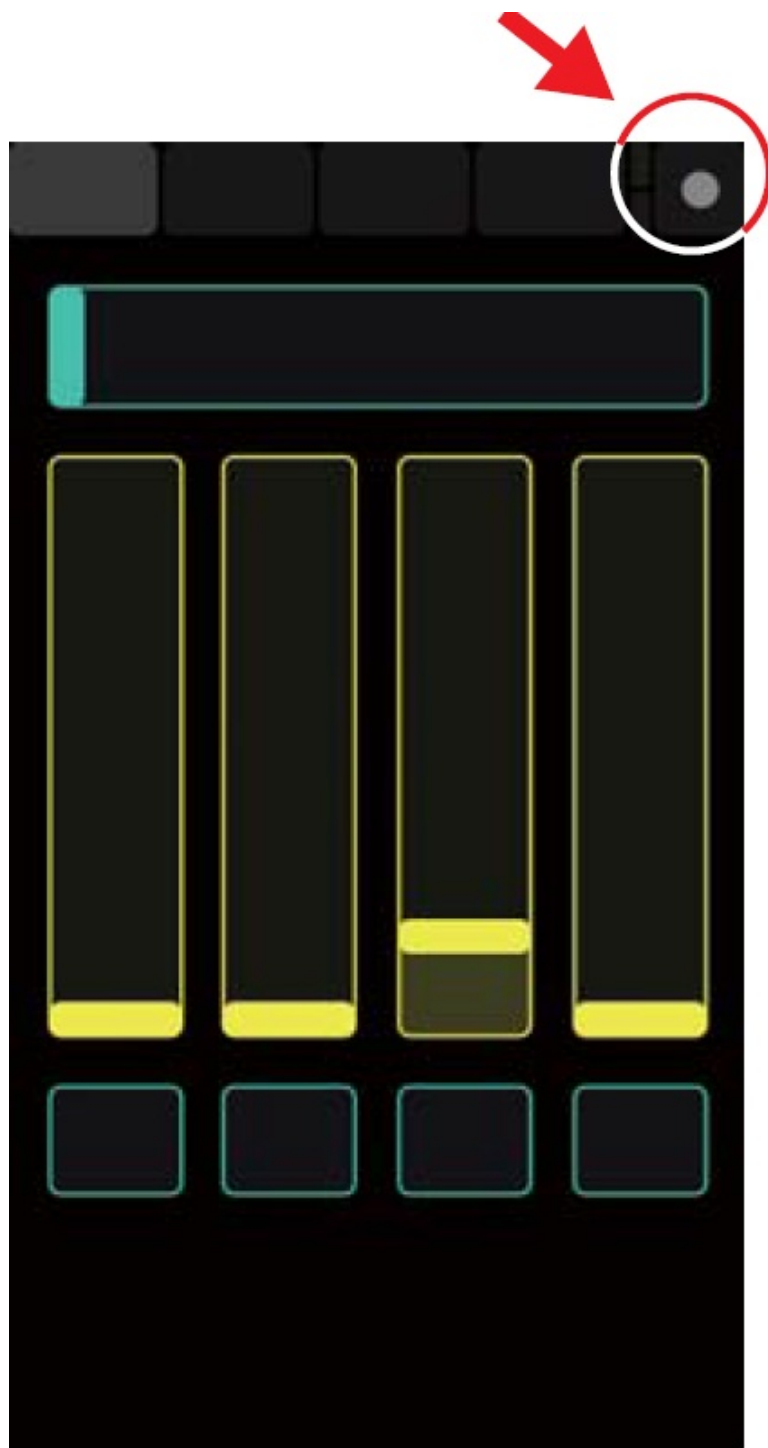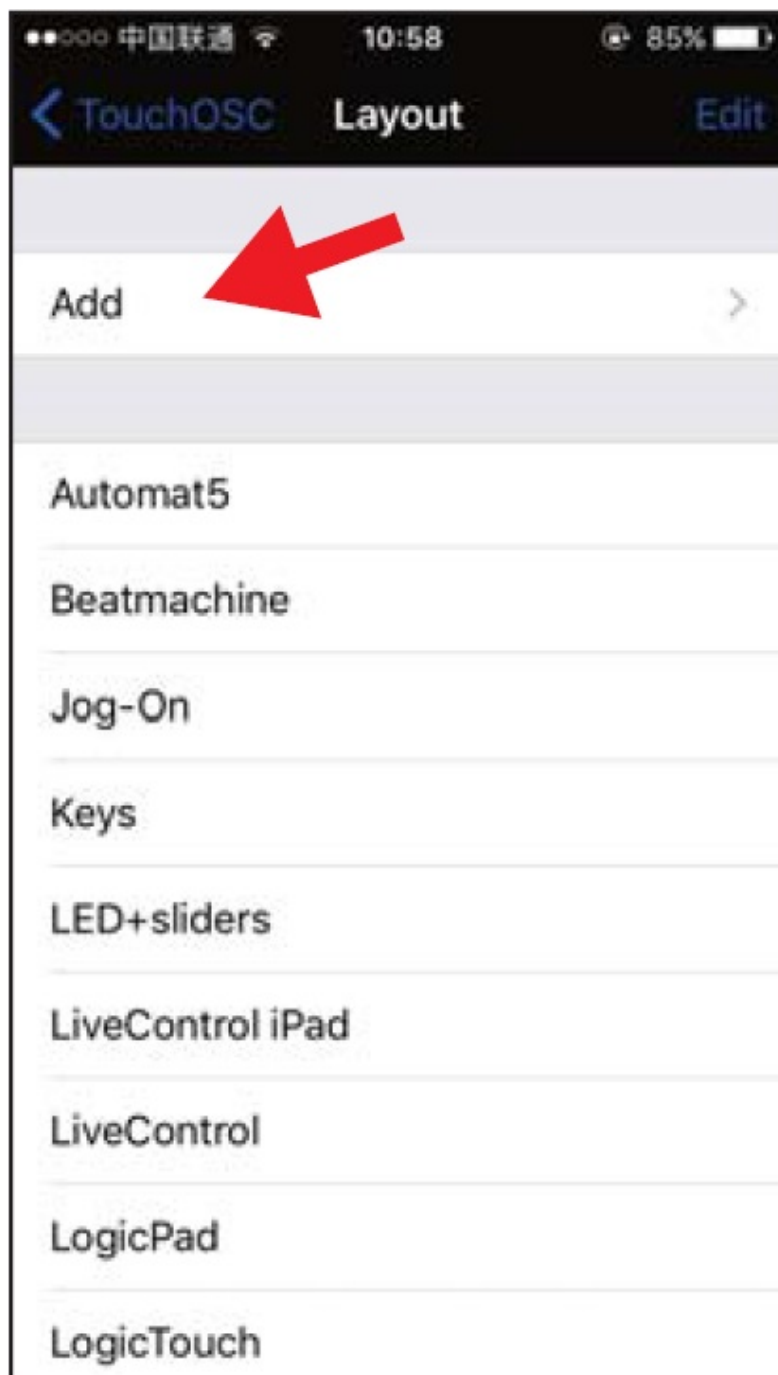
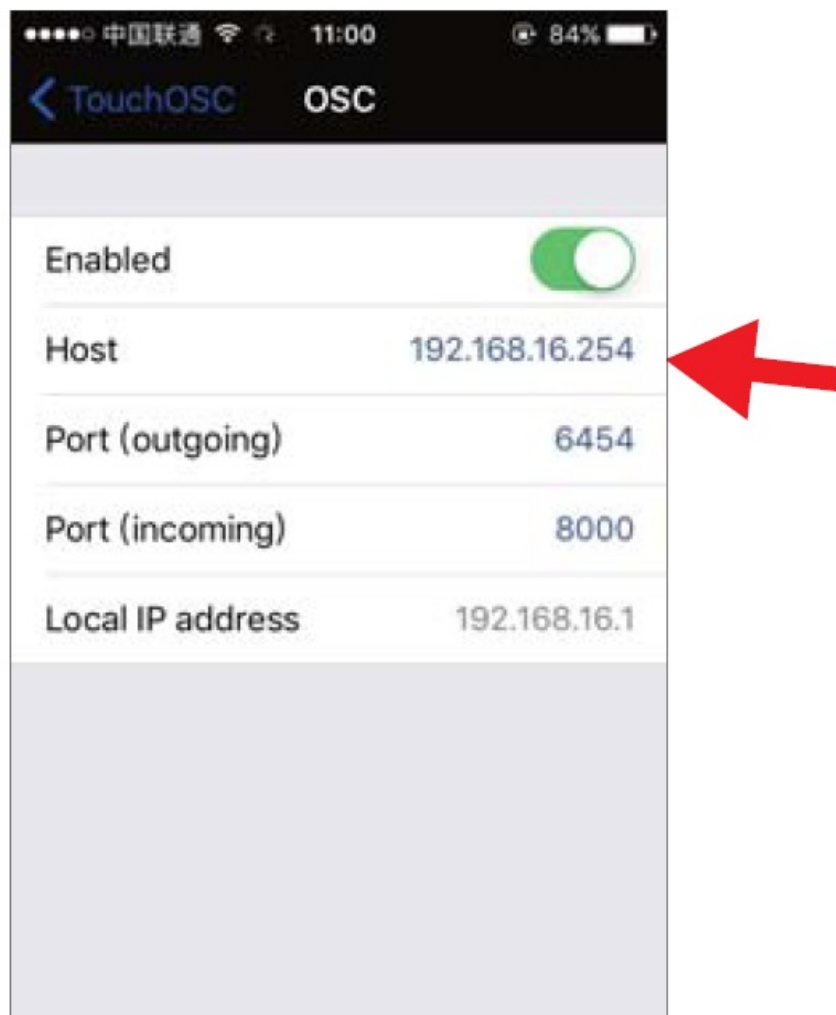6. Click "Sync" on Touch OSC Editor and the name of PC/laptop will be shown on your Phone/Pad.
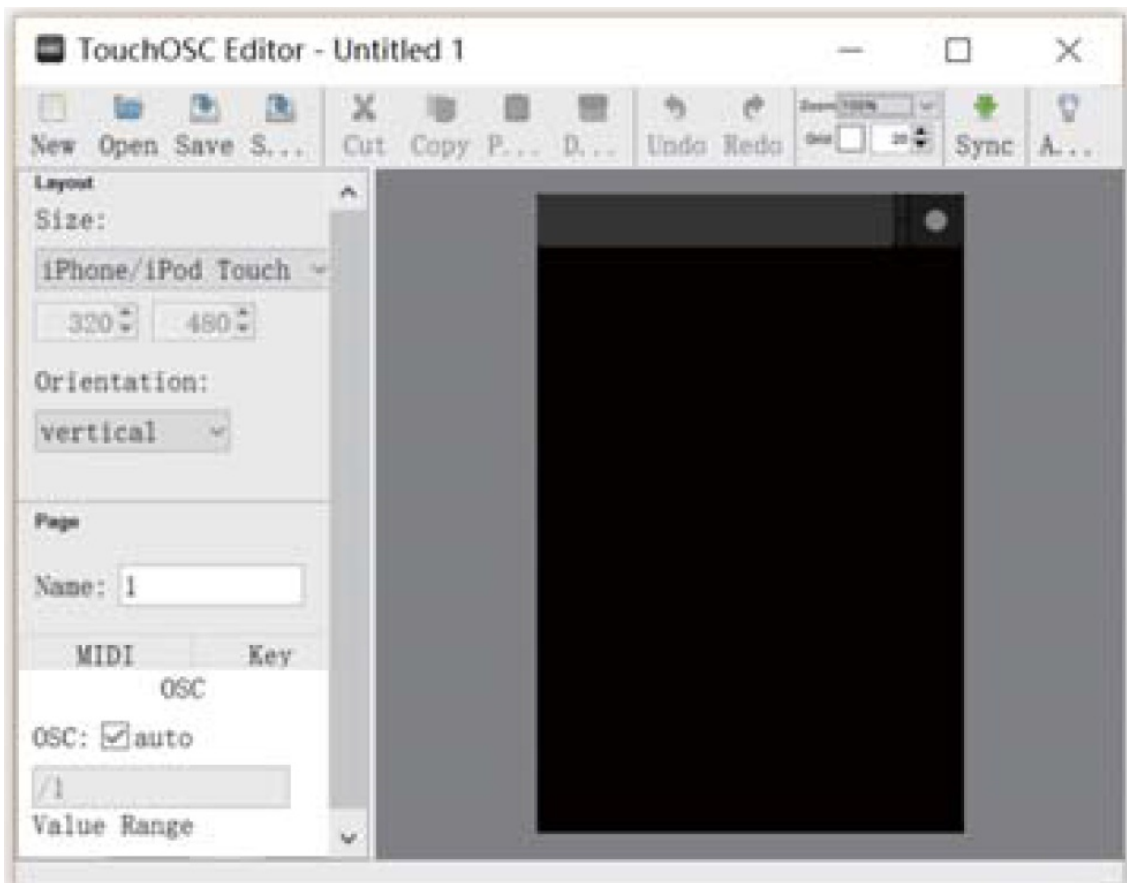
7. Click the name of PC/laptop on your Phone/Pad and confirm OK, then you will see the name in layout list. Click and select it.

EDITOR HOSTS

FOUND HOSTS (1)

Designer
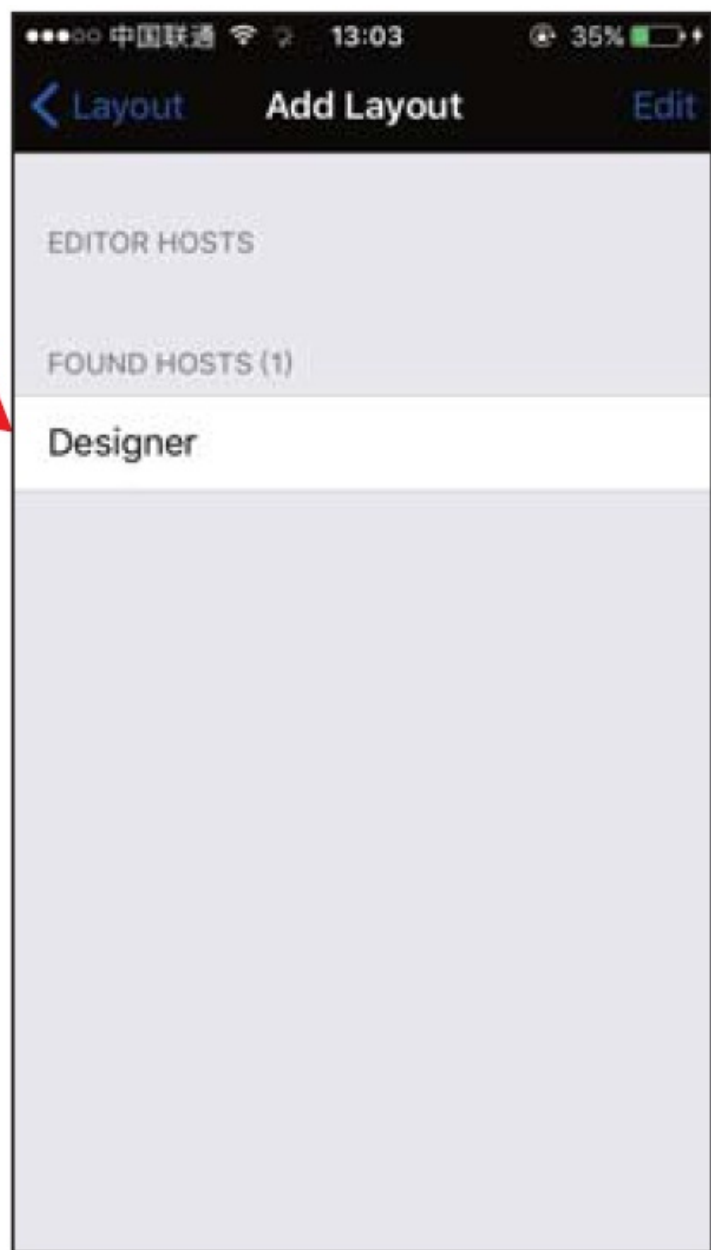
8. Click on OSC:192.168.16.254 (IP of RECORDER) and then set Port(outgoing): 6454 and Port(incoming): 8000 as figure below.
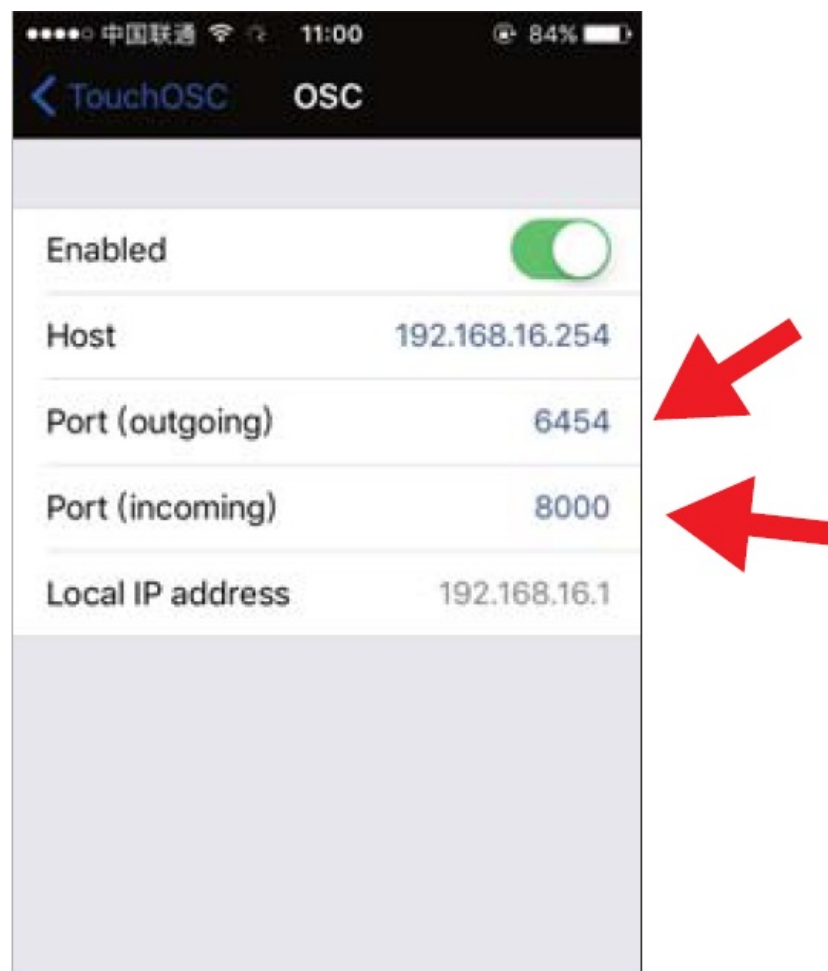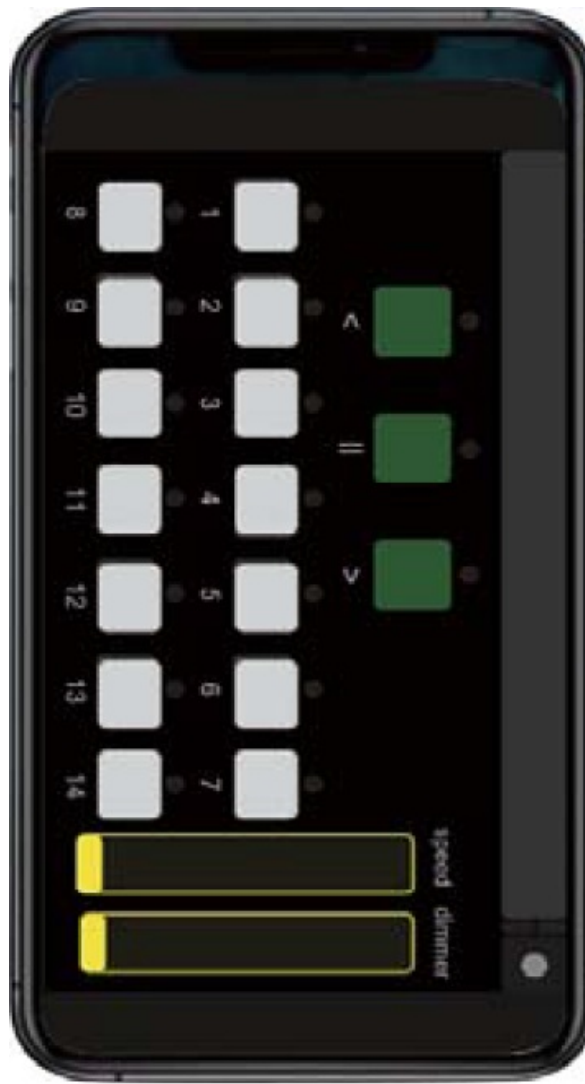
9. Click done and now your Phone/Pad will have the same interface as Recorder.

Note:

to upload the layout from PC/Laptop to your Phone/Pad, both devices must be on the same LAN (local area network)

10. To control the RECORDER with your Phone/Pad, connect Phone/Pad to Recorder's WiFi hotspot (password: 12345678), press REPLAY button on Recorder and run OSC on Phone/Pad.

Software updating

The software can be upgraded via SD card as following steps:

1. Copy the new software (SSCR10AM & SSCR10AS) to the root directory of SD card.
2. Insert SD card and press Menu button till "SYSTEM setup [new software]" shows on display.
3. Press Enter button.

What is SD card
The following files are stored in SD card:
14 Memory files, 3 system files, Touch OSC Editor and RECORDER1024 (Layout) in folder named OSC files.
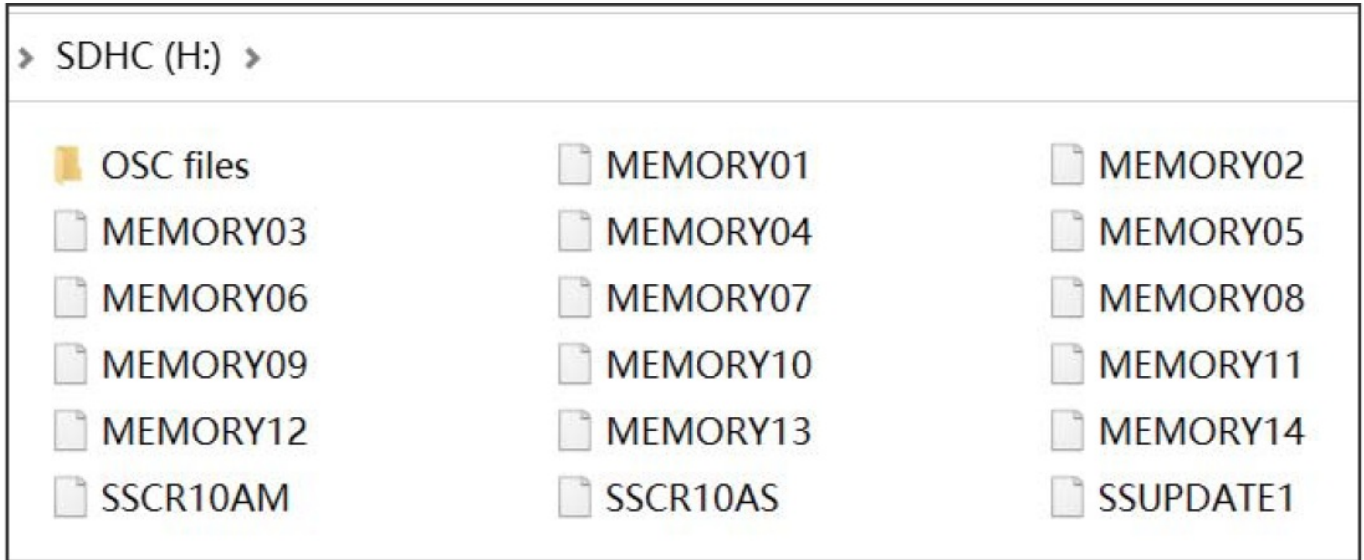
SPECIFICATIONS

Default LAN IP address: 002.114.034.200
Default WiFi IP address: 002.000.000.000
DMX In: 2 x 3pin (or 5pin) XLR male
DMX Out: 2 x 3pin (or 5pin) XLR female
Power consumption: 6w max.
Power In: AC 100-240V 50-60Hz
Dimension: 482*200*44 mm
Weight: 2.0 kg
IMPORTANT INFORMATION!
In order to optimize the recovery and recycling of the materials that old appliances contain and reduce the impact on human health and the environment, ensure that this product is recycled at the end of its life.

Documents / Resources

FOS Lighting Show Replay 1024 Lighting Controller [pdf] User Manual
Show Replay 1024, Lighting Controller, Controller, Show Replay 1024, Replay 1024

References

- ✳ **TouchOSC | hexler.net**