

INSTRUCTIONS

# C4 LED PLAYER

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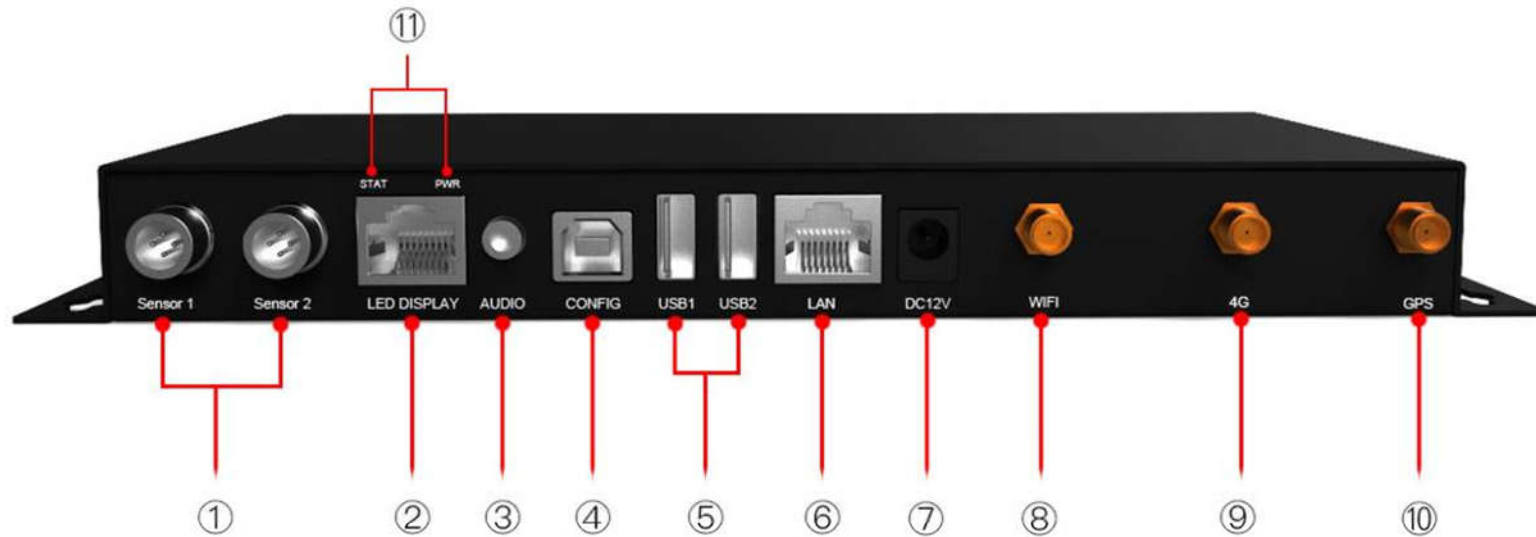
## USER MANUAL

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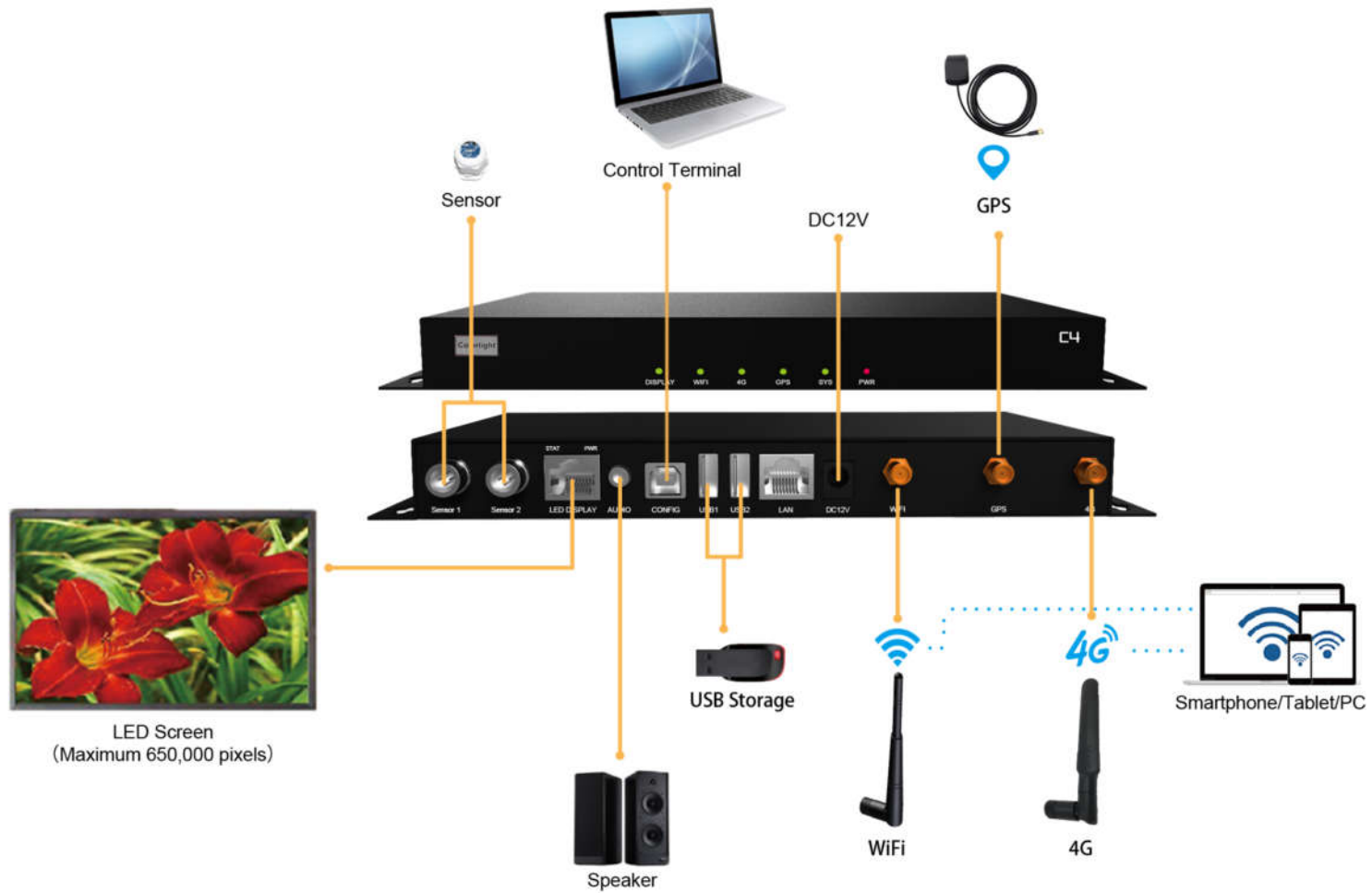
## Chapter 1 C4 Interface and Hardware Connection



## 1.1 C4 Interface

No.	Name	Functions
1	Sensor Interface	Environmental temperature and brightness monitoring; Automatic brightness adjustment
2	Ethernet Output	RJ45, signal output, connecting with receiving cards
3	Audio Output	HIFI stereo output
4	CONFIG Port	Screen parameters setting; Program publishing
5	USB Port	Program updating through U disc
6	LAN Port	Access network
7	Power Port	DC12V
8	WIFI interface	Connect with WIFI antenna
9	4G interface	Connect with 4G antenna (optional)
10	GPS interface	Connect with GPS antenna (optional)
11	Indicator Light	Green light flashes when signal detected; Red light is bright when power is normal

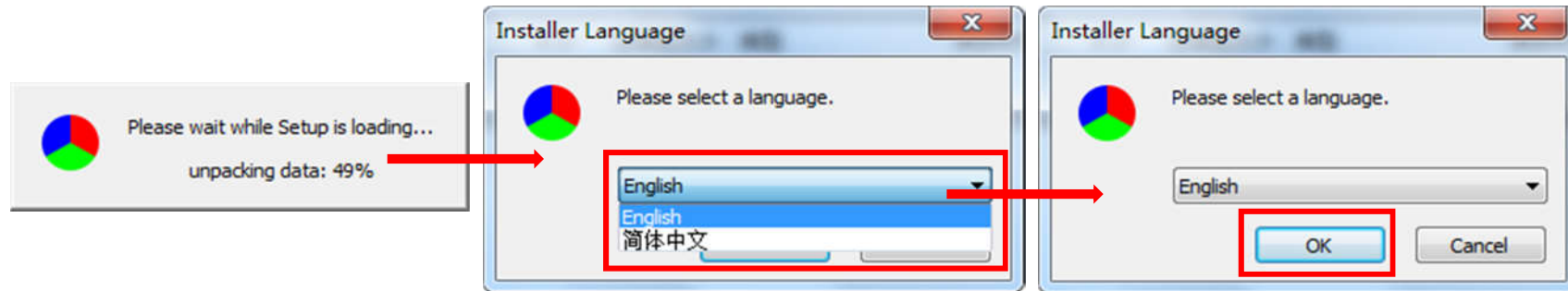
## 1.2 Hardware Connection



## Chapter 2 LEDVISION Installation

First download the installation package of LEDVISION software from Colorlight's official website [www.colorlightinside.com](http://www.colorlightinside.com), and complete the installation according to the diagrams below.

1. Run the software package, and select [ **English** ] for installer language. Click [ **OK** ] to move on.



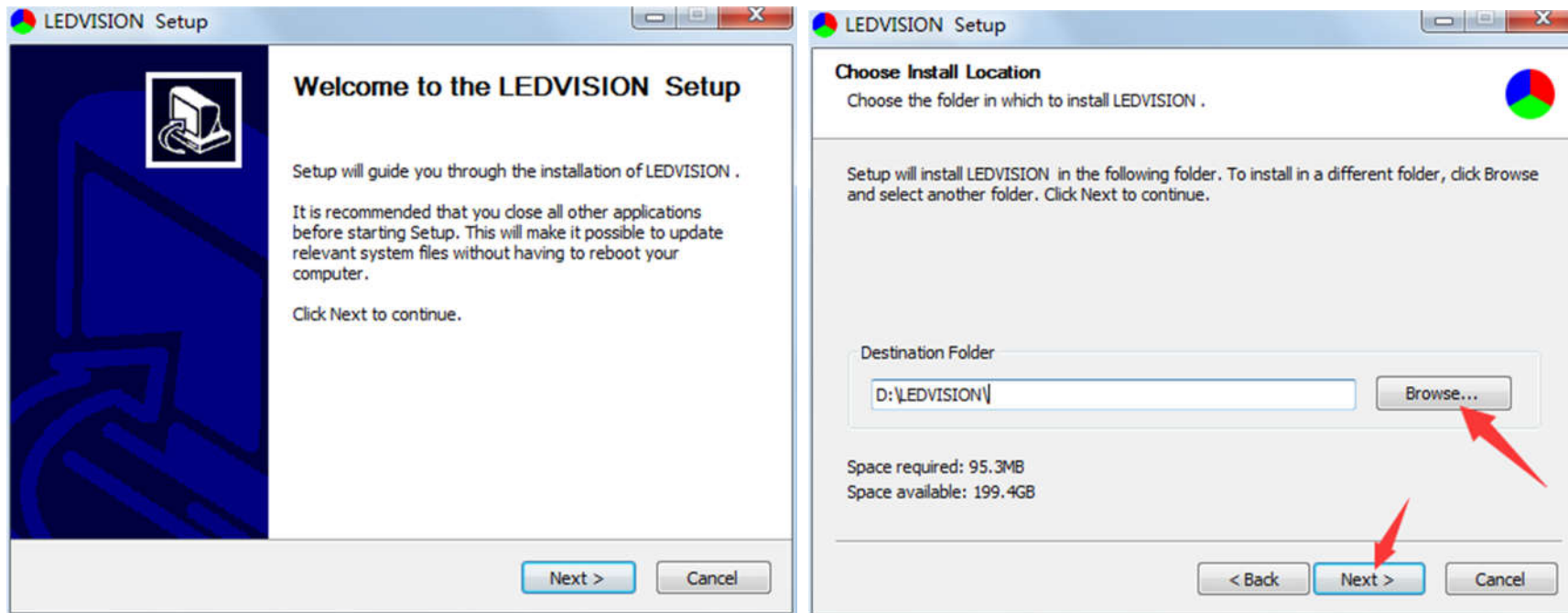
**Note:** Run LEDVISION version 5.0 or higher while using C4.

2. After selecting a language, an installation wizard like below will appear. Click [ **Next** ].

Then choose installation location, click [ **Browse** ] to change default target location, then click [ **Next** ] after completing;

Choose components according to your own computer status, click [ **Install** ] to complete;

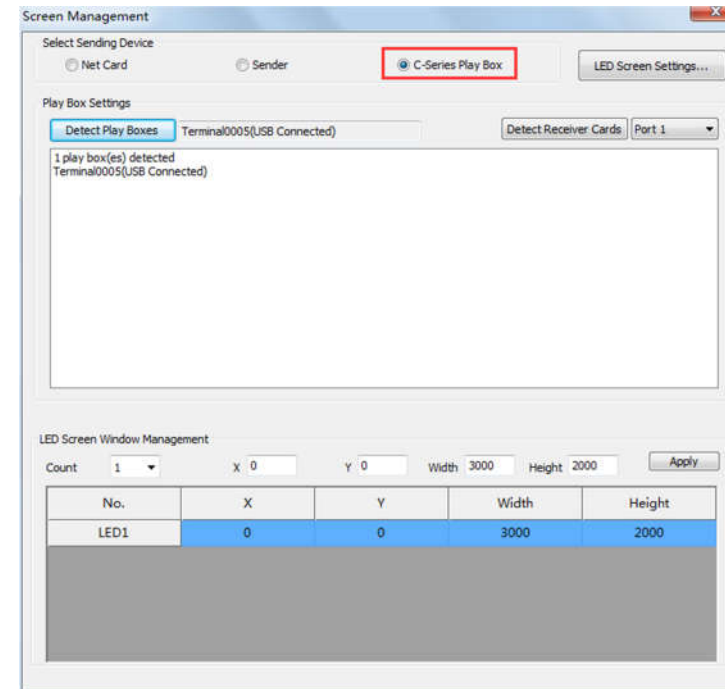
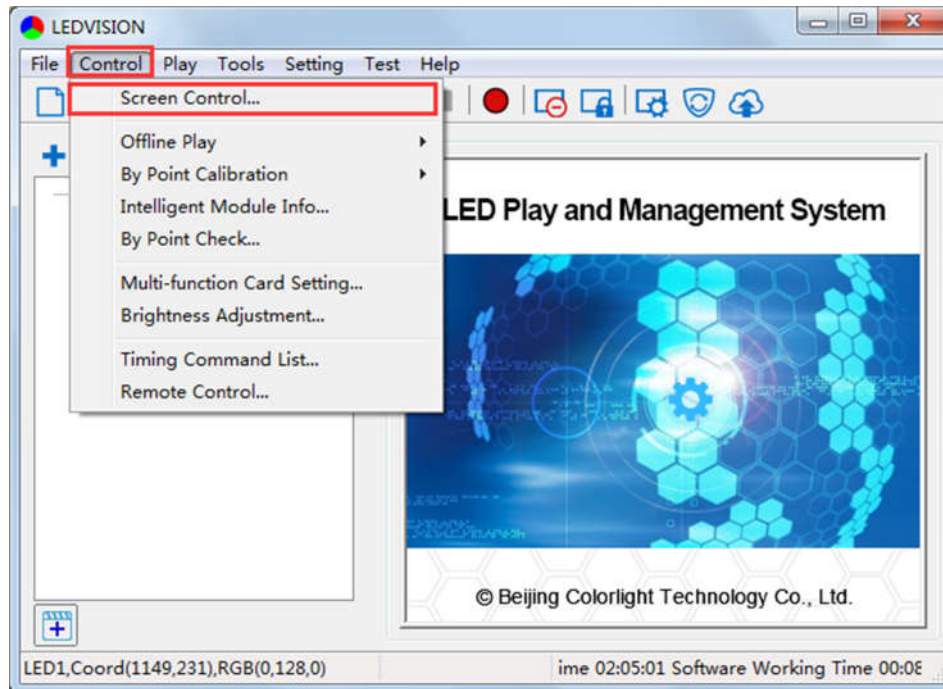
After the installation is complete you are ready to use LEDVISION.



## Chapter 3 C4 Parameter Settings

### 3.1 Connection Settings

1. Before connecting C4 to the computer, first click the control menu [ **Control** ] – [ **Screen Control** ], then select [ **C-Series Play Box** ] in **Select Sending Device**, then set up [ **LED Screen Window Management** ].

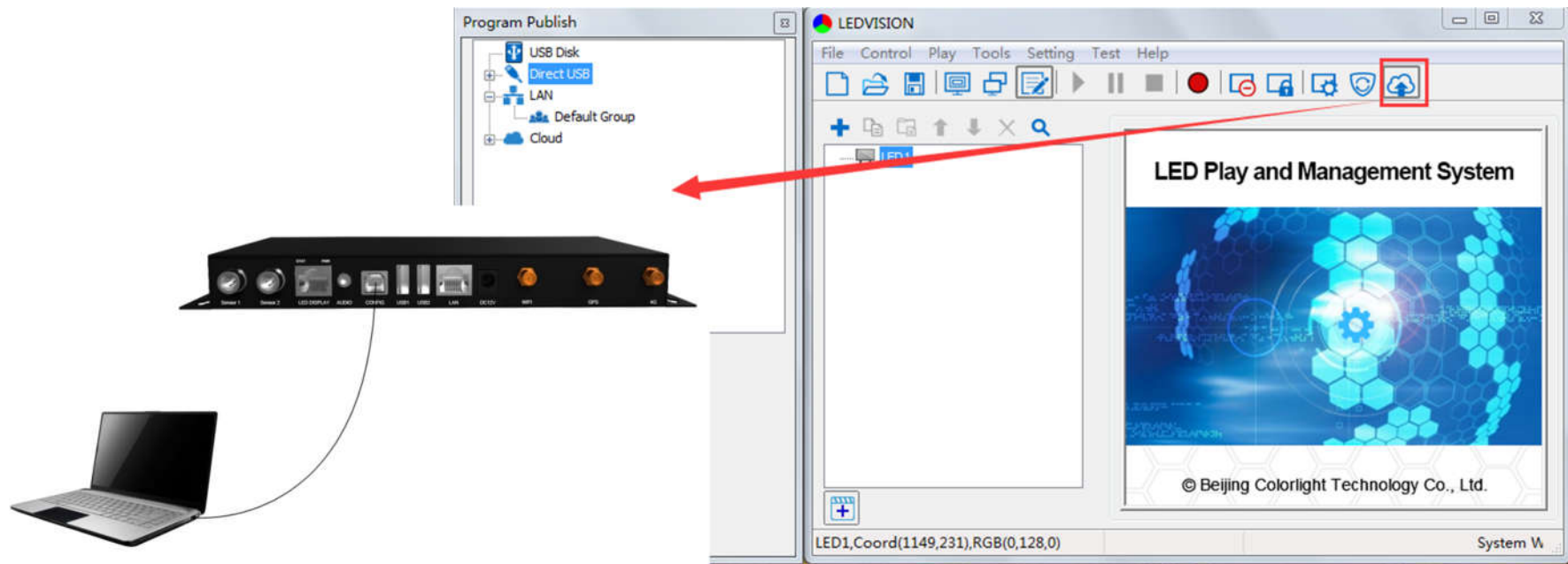




**Note:** If you do not complete this step, LEDVISION may not function properly because of a conflict between Net Card mode and C4 CONFIG interface.

2. Use standard USB A/B cable to connect C4 to computer when C4 is powered on, one side to connect USB port, another side for C4 CONFIG port.

Click [ **Publish Program to C Series Playboxes** ] (as shown in the red box) to enter program publish interface.



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## 3.2 Basic Settings

- Ensure LED display is under normal configuration before setting on C4 parameters.
- When setting C4 parameters, you can connect C4 to your PC through a standard USB A/B cable, and connect C4 to LED screen through network cable.

**Time Settings:** Click [ **Modify** ] to set up date and time, or time zone as well.

**Player Time:** Display current time.

**Uptime:** Calculated running time once C4 powered on.

**Total/Available:** View memory utilization.

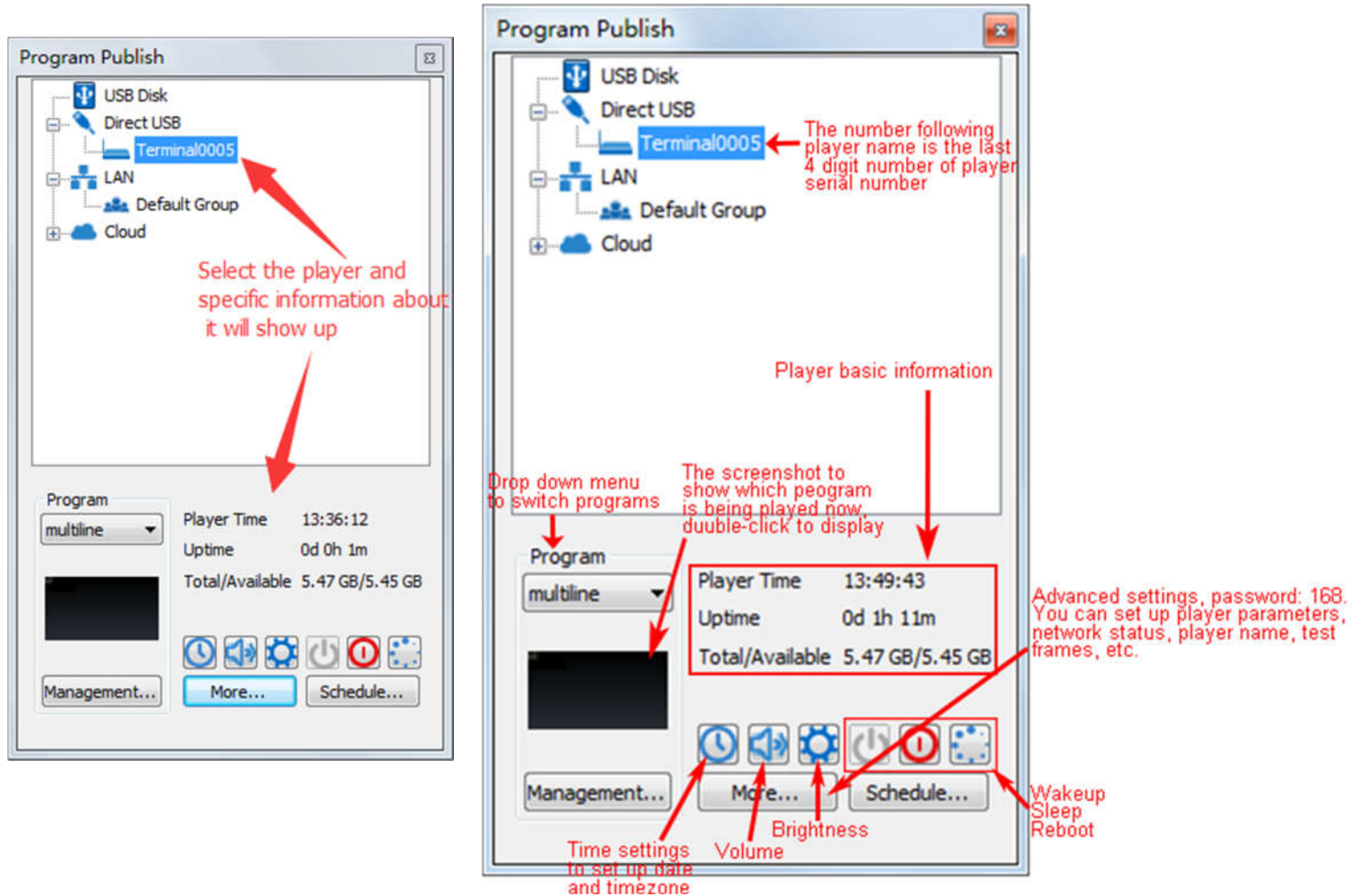
**Wakeup, Sleep, Reboot:** To perform C4 operation like wakeup, sleep and reboot once clicked.

**Program:** Use the drop down menu to play programs.

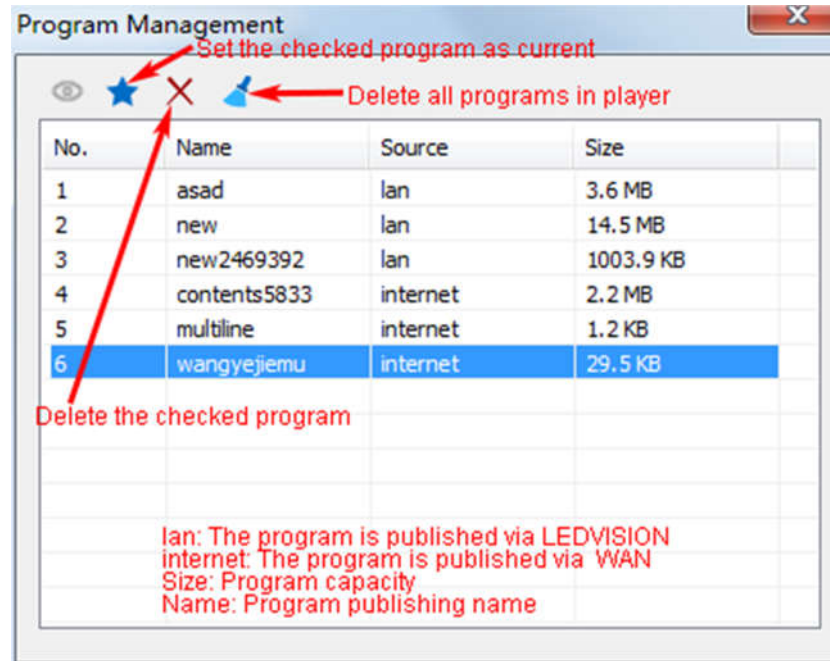
**Management:** Check, delete and choose program, and much more.

**Schedule:** Conduct timing settings on command contents like play program, sleep, wakeup, reboot, brightness adjustment, etc.

1. After connecting C4 to the computer, a C4 player will show up in **Direct USB**, you can check the specific information and some basic settings about it through selecting the player.

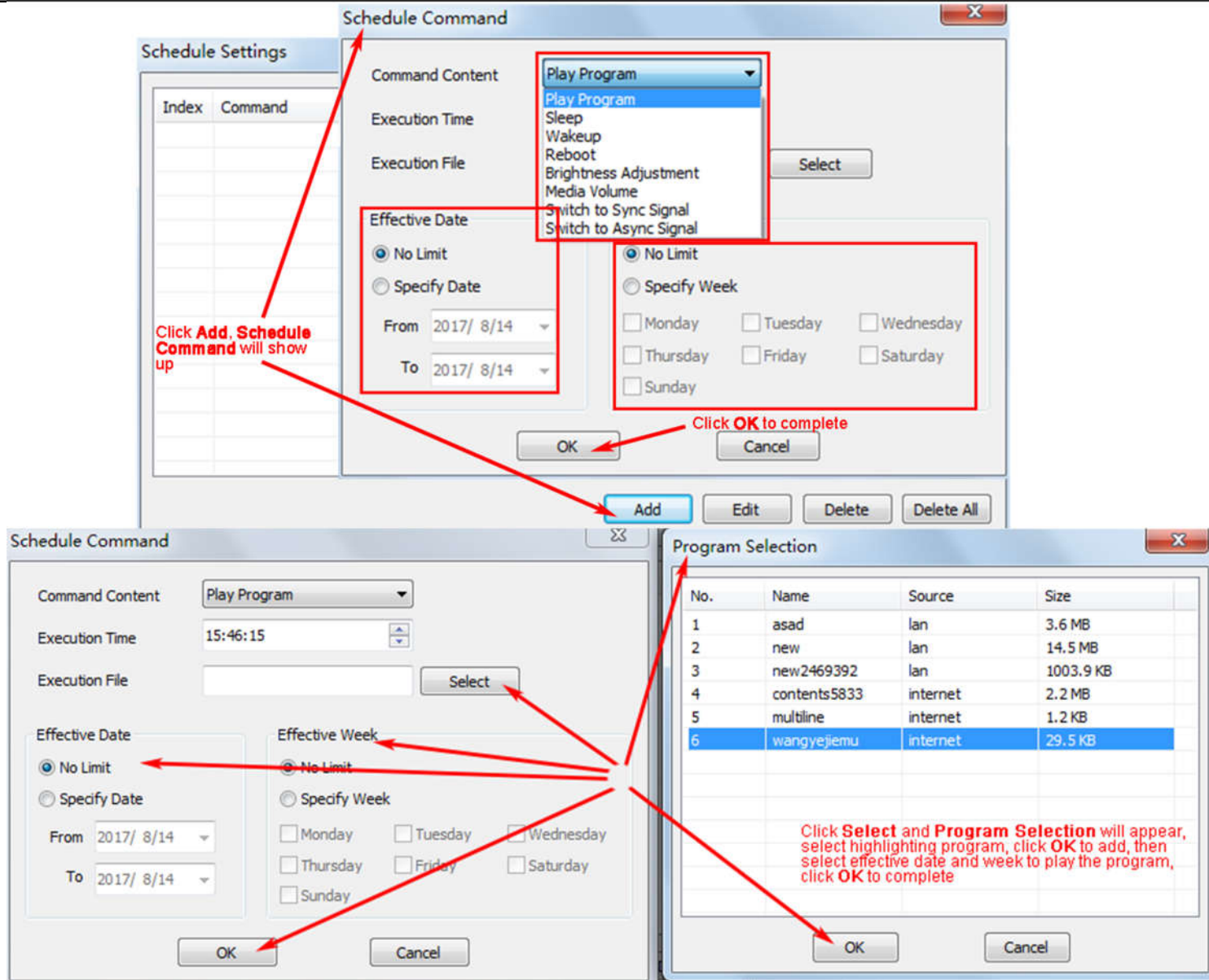


2. In **Program Management**, you can conduct a comprehensive management on programs included in C4 player, and all programs can be deleted in **Program Management** regardless of the type and source.



### 3. Schedule Settings:

In **Schedule Settings**, click [ **Add** ] to add schedule command, and schedule command can conduct timing settings on contents like play program, sleep, wakeup, reboot, brightness adjustment, media volume, switch to sync/async signal, etc. As shown below:



**Schedule Command**

Command Content: **Play Program**

Execution Time: [Empty]

Execution File: [Empty] **Select**

Effective Date:  No Limit  Specify Date

From: 2017/ 8/14 To: 2017/ 8/14

Effective Week:  No Limit  Specify Week

Monday  Tuesday  Wednesday  
 Thursday  Friday  Saturday  
 Sunday

**OK** **Cancel**

**Program Selection**

No.	Name	Source	Size
1	asad	lan	3.6 MB
2	new	lan	14.5 MB
3	new2469392	lan	1003.9 KB
4	contents5833	internet	2.2 MB
5	multiline	internet	1.2 KB
6	wangyejemu	internet	29.5 KB

**OK** **Cancel**

**Click Add, Schedule Command will show up**

**Click OK to complete**

**Click Select and Program Selection will appear, select highlighting program, click OK to add, then select effective date and week to play the program, click OK to complete**



## 3.3 Advanced Settings

### 3.3.1 Playing Parameters

#### ① LED Resolution

The [ **Width** ] / [ **Height** ] you input must be equal to or slightly larger than the actual screen resolution.

#### ② Input Type: HDMI or Internal Media

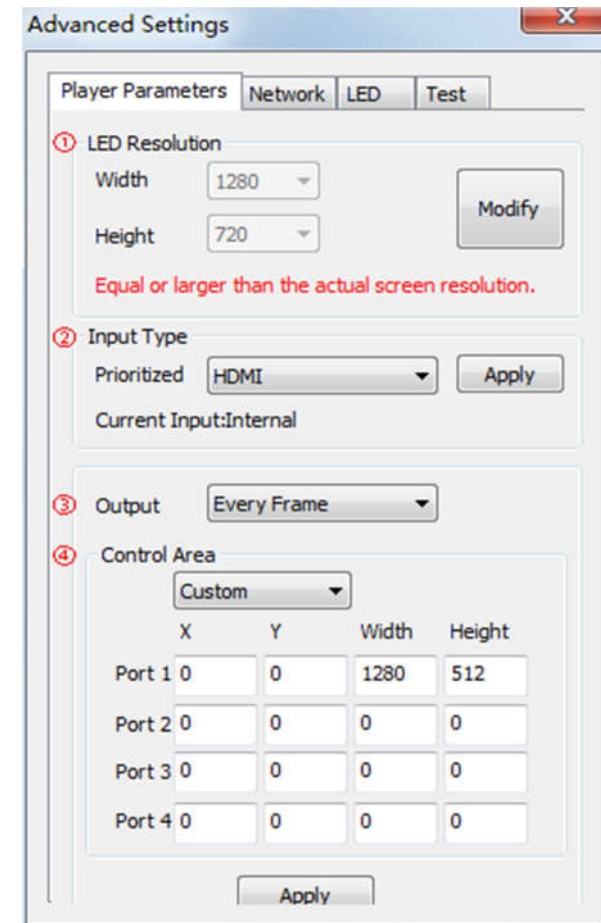
#### ③ Output

[ **Every Frame** ] (Default)

[ **Every Other Frame** ] (Choose [ **Every Other Frame** ] can help avoid lag when image loading area is too large)

#### ④ Control Area

Select [ **Custom** ] in control area, and modify the values according to your network port control area, click [ **Apply** ] to complete setting.

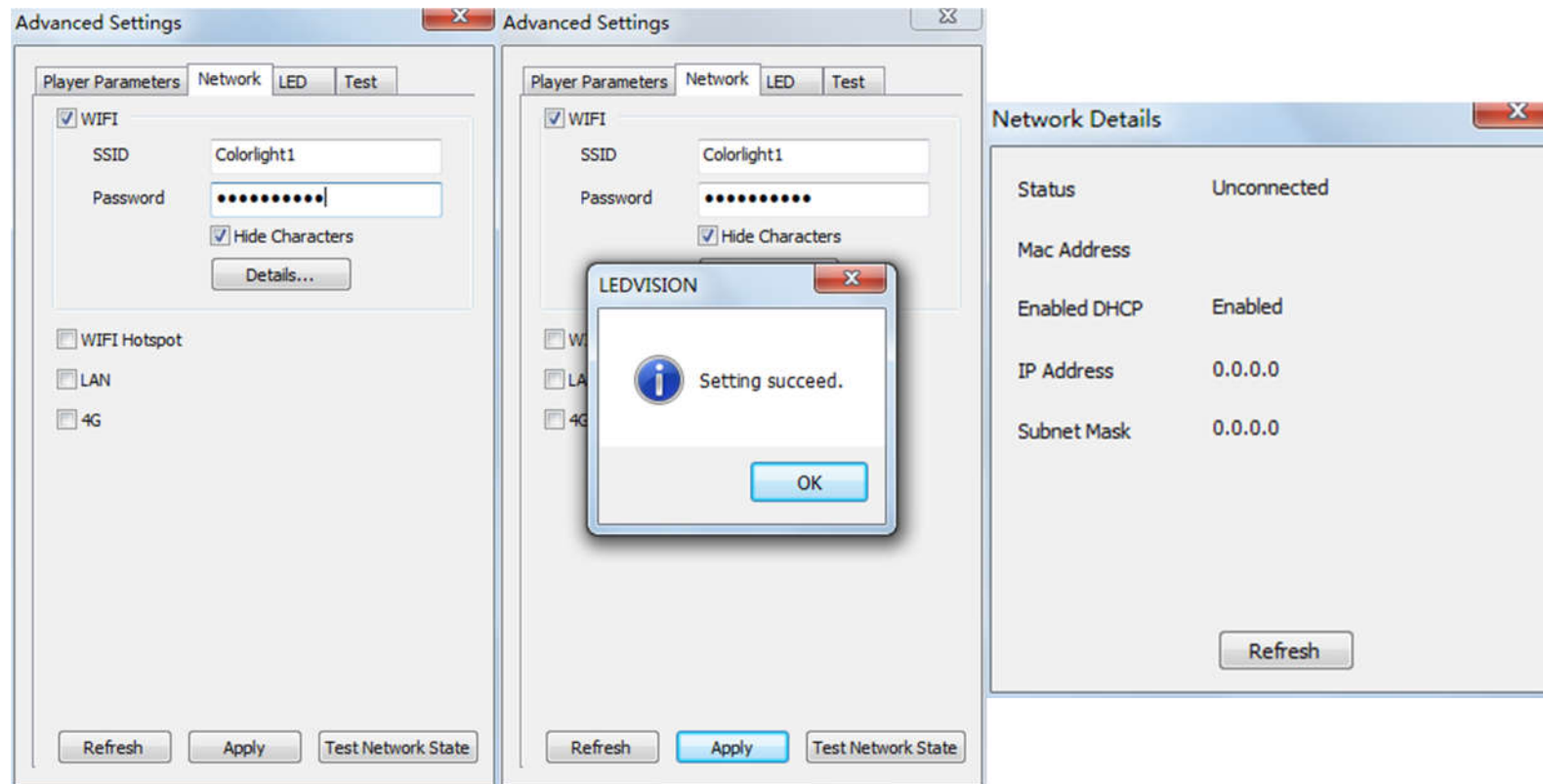




### 3.3.2 Network

#### ① WiFi

Check [ **WiFi** ] in network tab, and input your WiFi login information for [ **SSID** ] and [ **Password** ], then click [ **Apply** ] and [ **Refresh** ] to complete setting, click [ **Details** ] to check connection status.





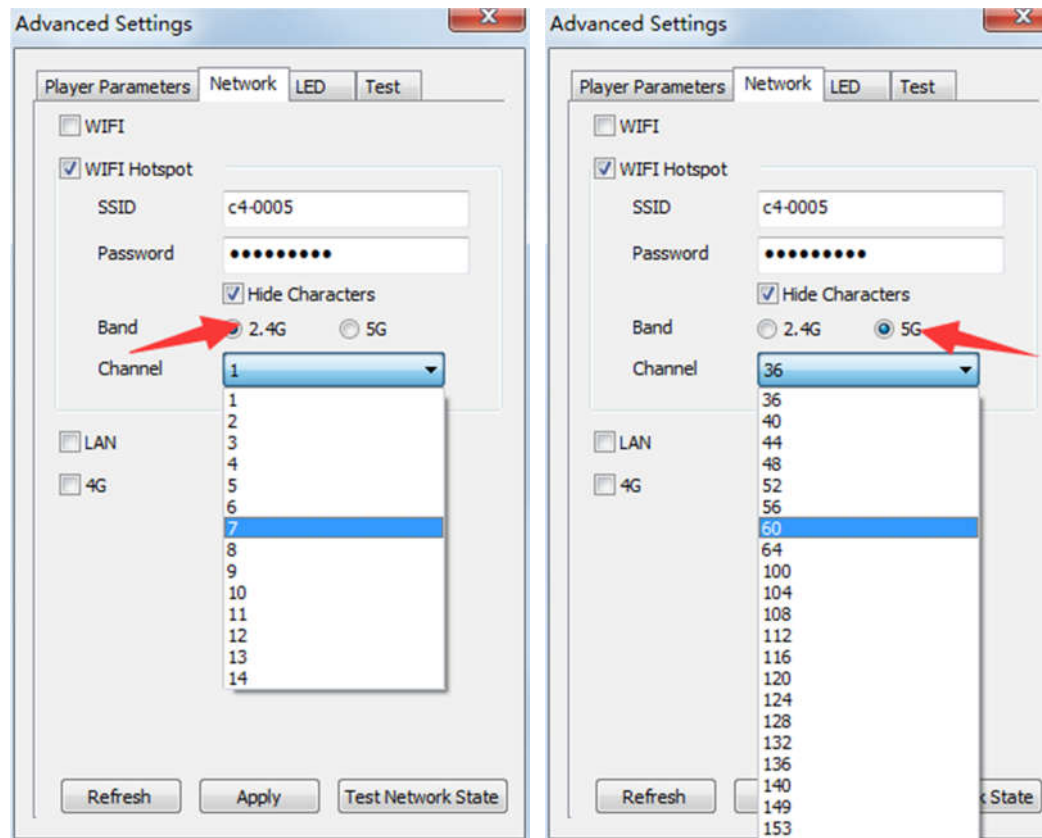
## ②WiFi Hotspot

Input your [ **SSID** ] and [ **Password** ] to use a WiFi Hotspot;

[ **Band** ]: 2.4G or 5G (5G mode will be faster and more reliable if both smart phone and computer support

5G WiFi)

[ **Channel** ]: 14 or 24 choices, to avoid network overload.



### ③ LAN (Network Cable)

#### 1. [ Automatically Obtain IP Address ] (Default)

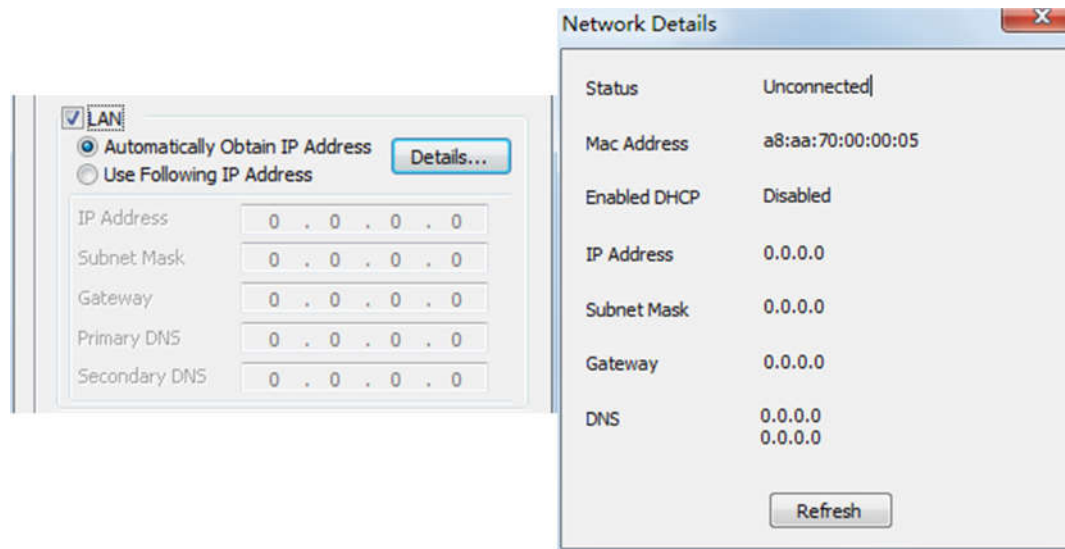
When you connect your C4's LAN port to a networked router, C4 will automatically obtain an IP address.

#### 2. [ Use Following IP Address ]

To use a specific IP address, enter information for [ IP ], [ Subnet Mask ], [ Gateway ], then connect C4 LAN port to the router.

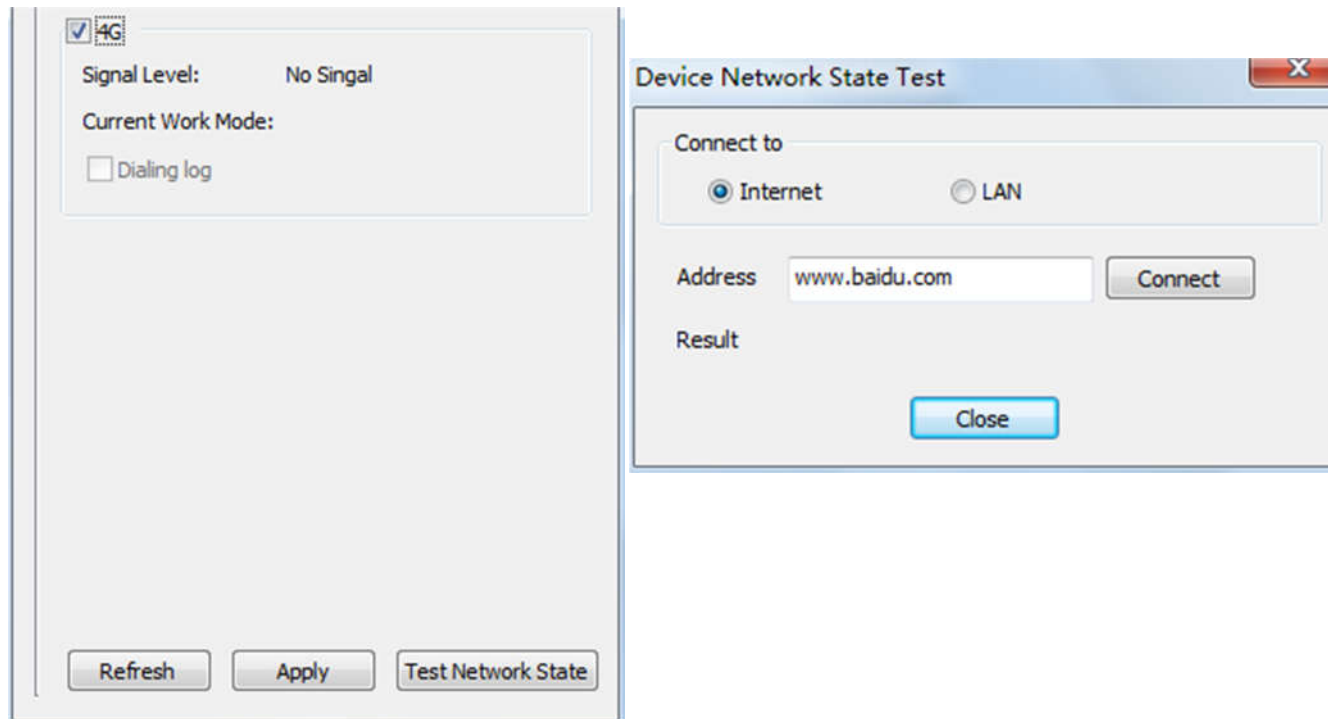
#### 3. [ Details ]

View network connection information like **Status**, **Mac Address**, **IP address**, etc.



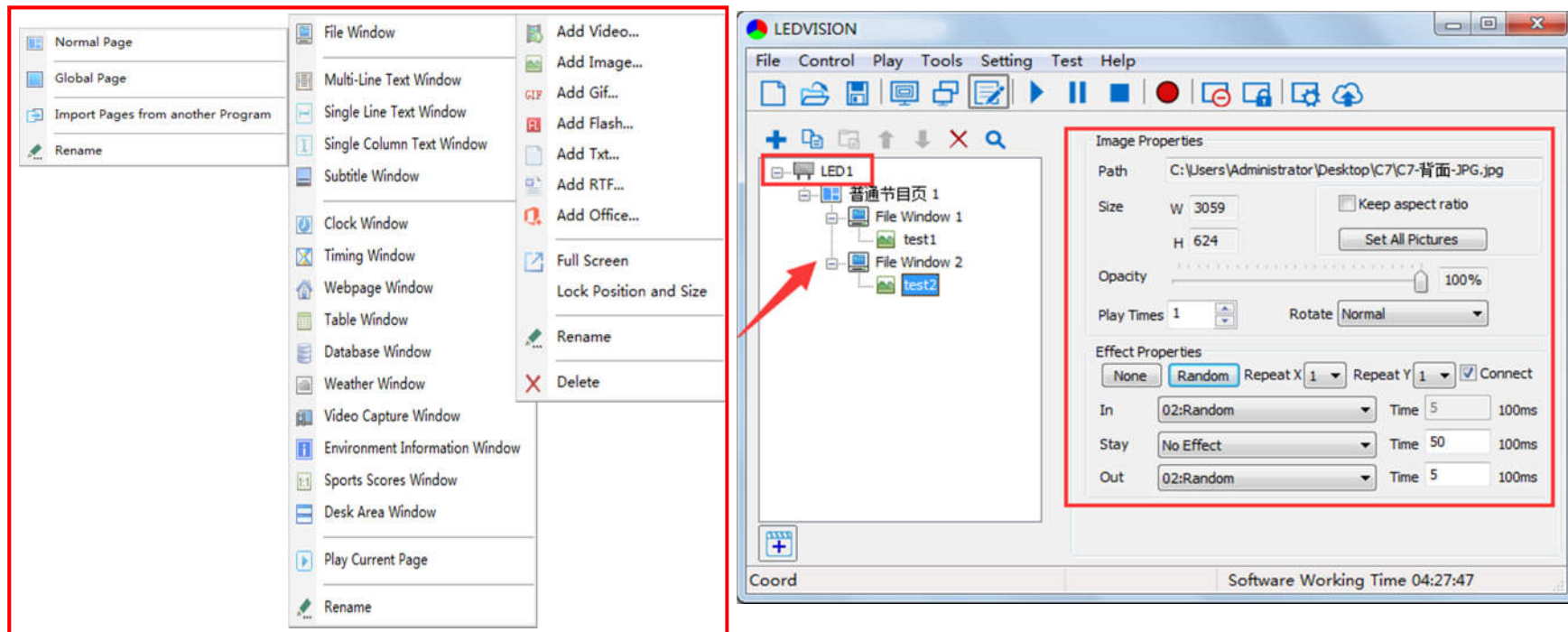
## ④4G

Check [ **4G** ] in network tab, click [ **Apply** ] and [ **Refresh** ] to access 4G network, click [ **Test Network State** ] to check connection status.



## Chapter 4 Async Program Editing and Publishing

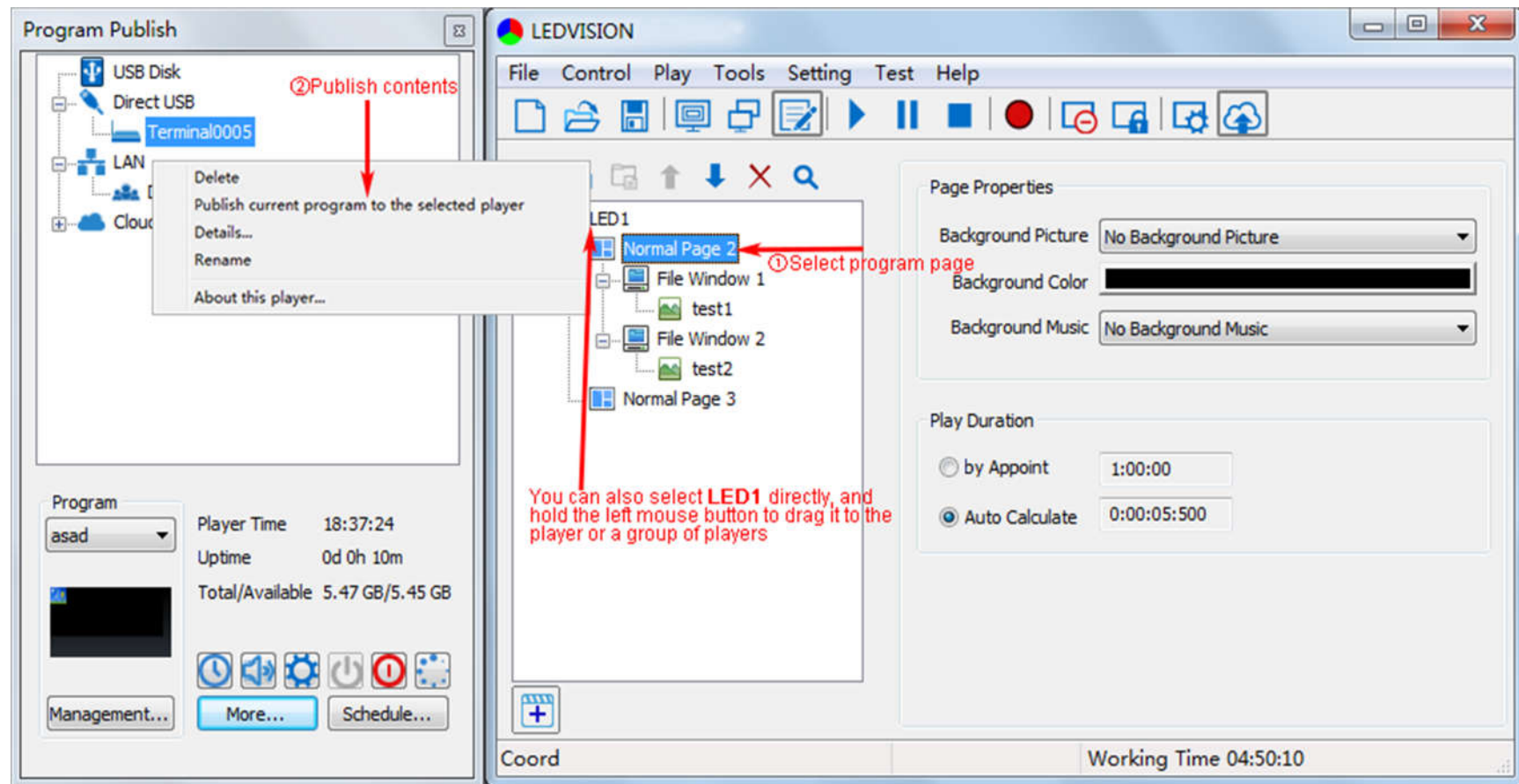
### 4.1 Async Program Editing



When you open LEDVISION, you will see [ **LED1** ] in program editing area. Right-click [ **LED1** ] to add [ **Normal Page** ], you can add [ **File Window** ] in [ **Normal Page** ], then add [ **Image** ] and [ **Video** ] under the [ **File Window** ] to add media for asynchronous play.

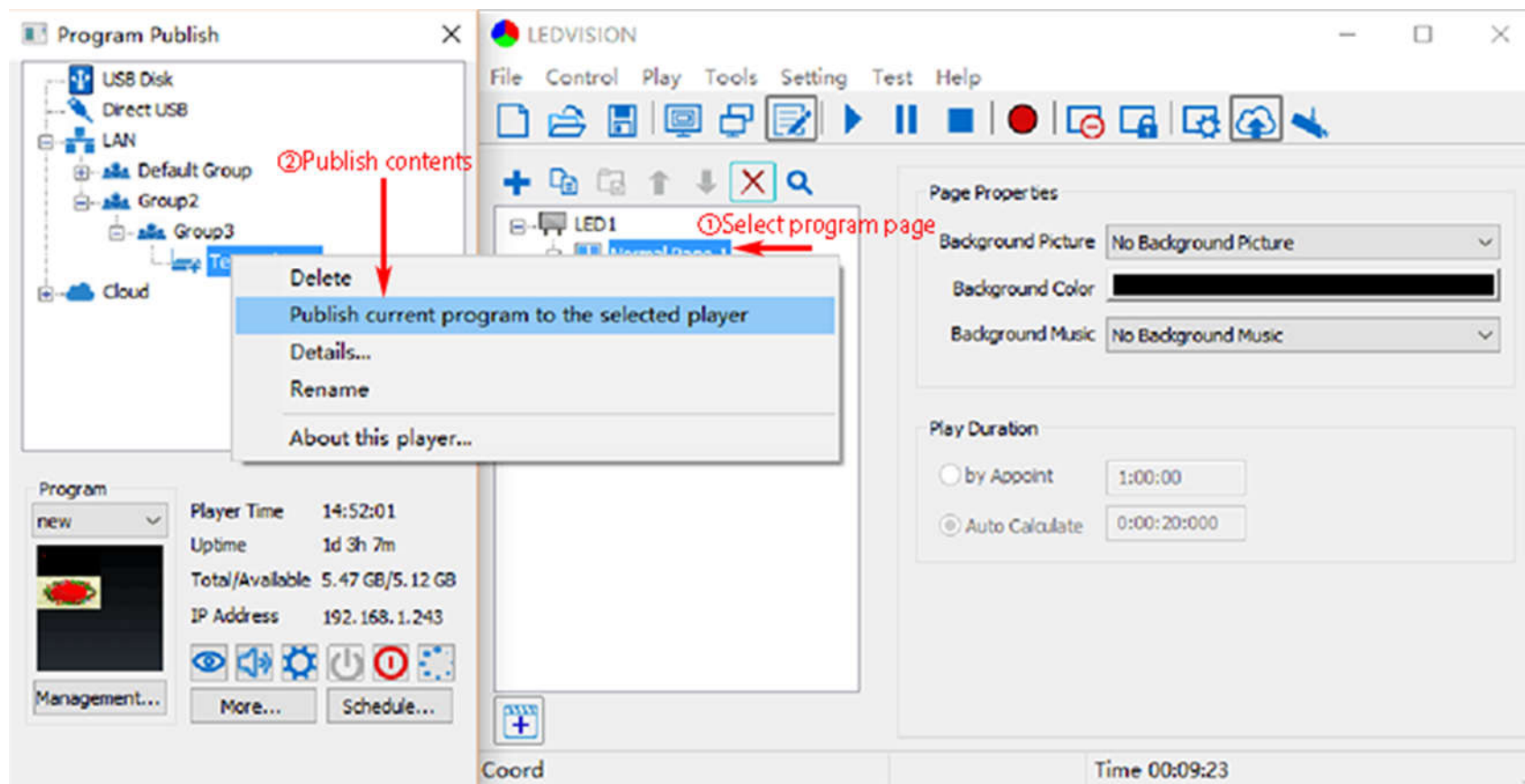
## 4.2 Async Program Publishing

### 4.2.1 Publish Program through Direct USB





## 4.2.2 Publish Program through Ethernet Port



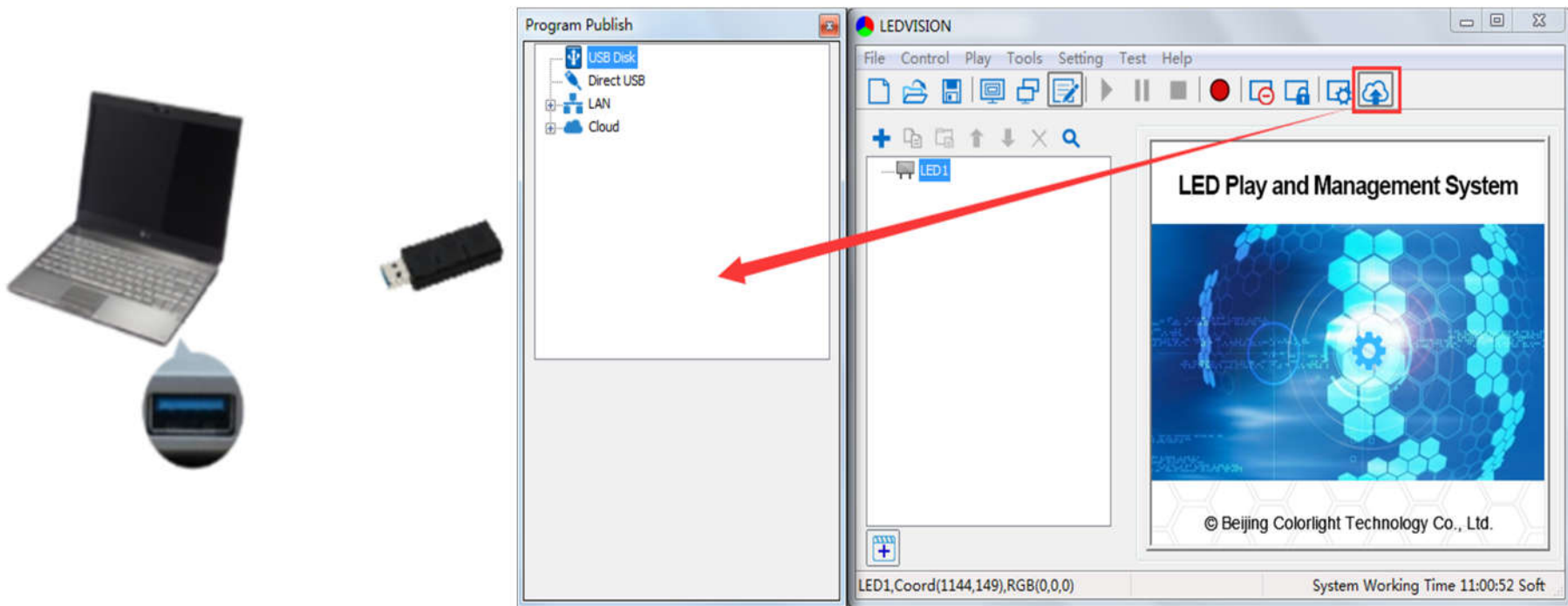




### 4.2.3 Publish Program through USB Disk

1. To begin publishing through USB, first insert your USB disk to the PC USB port;

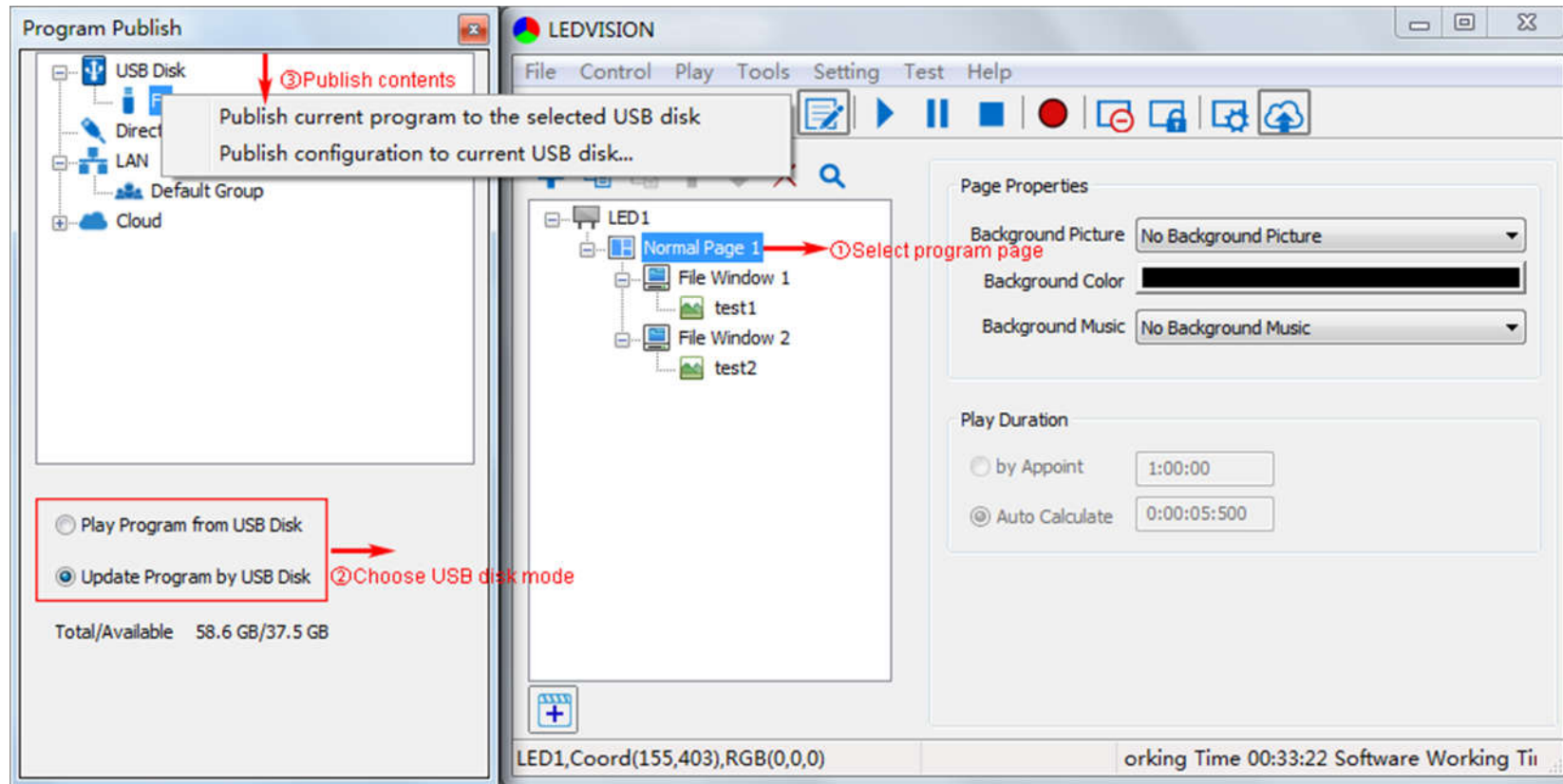
Click [ **Publish Program to C-Series Playboxes** ] to extend program publishing window.



**Note:** USB disk should be empty before publishing for best performance. Remove previous updated programs before using it to update or play new programs, so as to avoid any problems.

2. Software will automatically identify USB disk when plug, click [ U Disk ] to choose [ Your USB's Drive ].

① Select the [ Program Page ] in Program Editing Area.



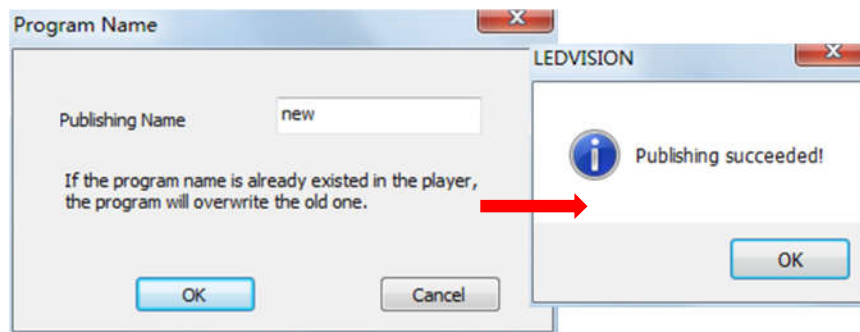
② Choose **USB Disk Mode**:

- Play program from USB disk (Auto play USB disk content after inserting to C4; and **the content won't be**

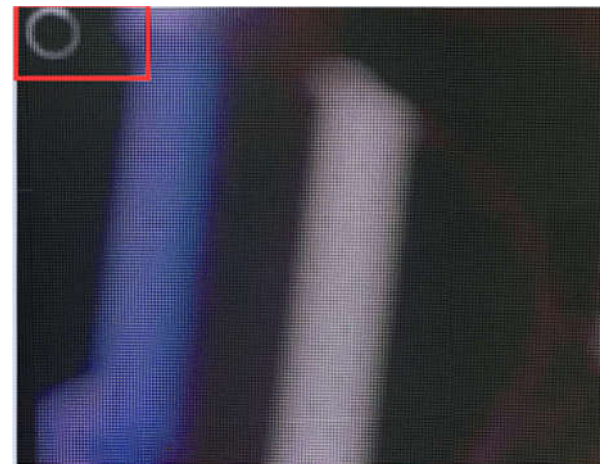
stored in C4)

●Update program from USB disk (Auto play USB disk content after inserting to C4; and **the content will be stored in C4**)

③Select **the drive letter under USB Disk**, then right-click to choose [ **Publish current program to the selected USB disk** ], after publishing program successfully, insert USB disk into C4 USB port.



**Plug USB disk to C4 after uploading, to enter updating procedure**



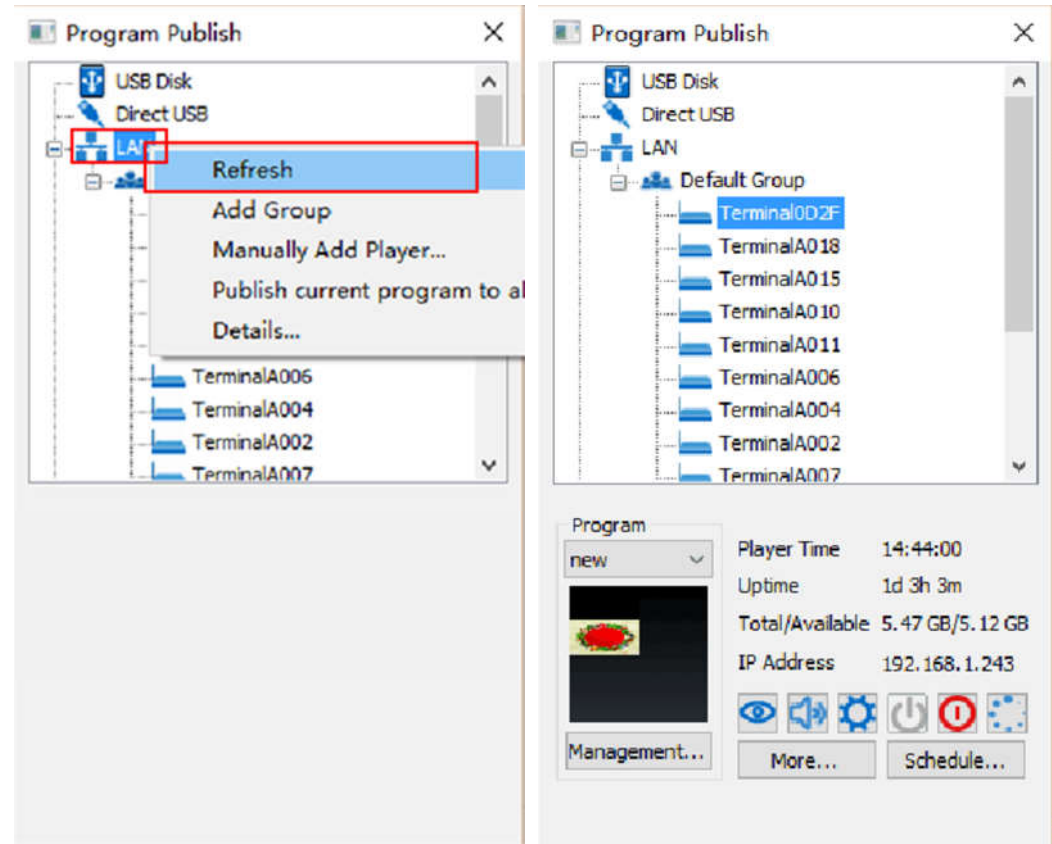
Note: A rotating circle in LED upper left corner will appear during the updating procedure. You may unplug the USB drive after the circle disappears.

## Chapter 5 Network Management of C4

### 5.1 Connection and Management

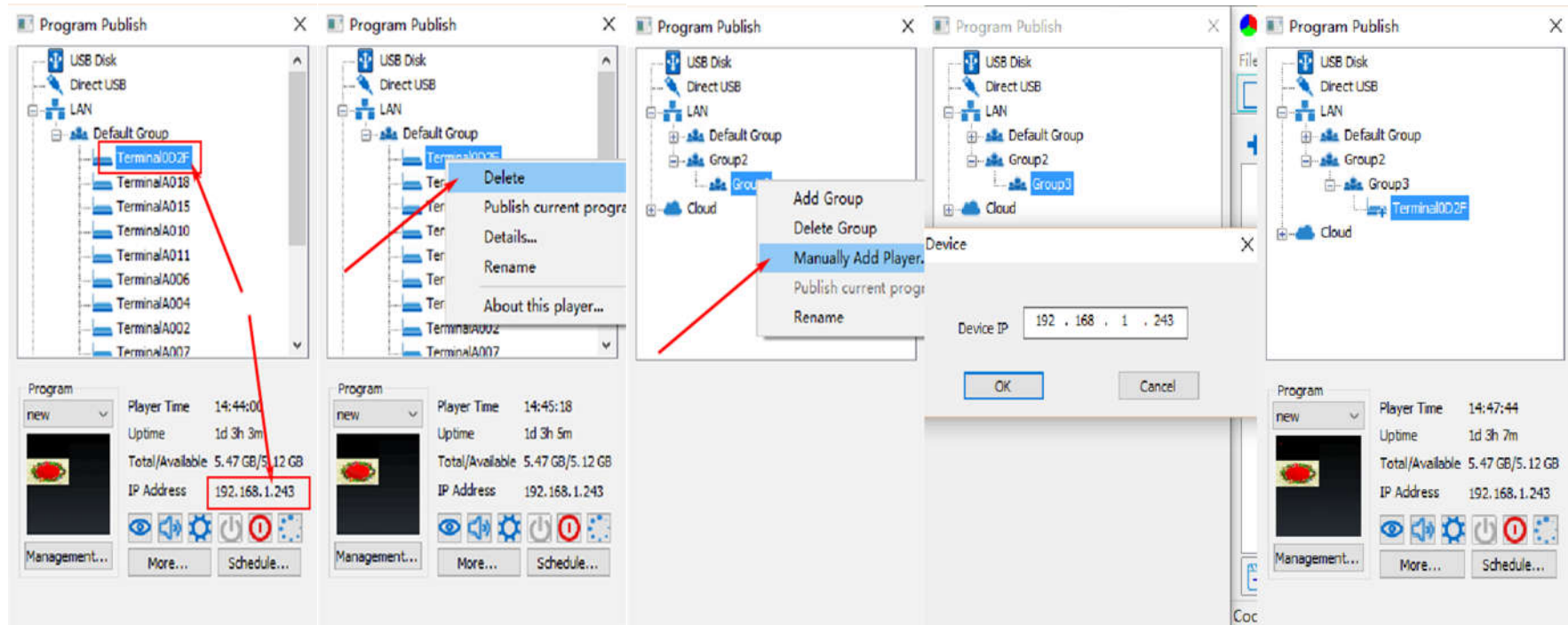
1. **LAN Connection:** Connect C4 to network through **WiFi** or **LAN port**.

2. **C4 Network Management:** After controlled end (PC, smart phone, or other device) and C4 are connected into same LAN, select [ **LAN** ] then [ **Refresh** ], LEDVISION will auto identify **C4** in the LAN and place C4 into **Default Group**. You can manage your C4 under **Default Group**.



## 5.2 Add Group and C4

1. **Add Group:** Select [ LAN ], and right- click to choose [ Add Group ].
2. **Add C4:** Select any player group, and right-click to choose [ Manually Add Player ], then input C4's corresponding IP (Add even if your device did not connect to network).



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