

# A100 / A200

Player

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User Manual v1.1

# Safety precautions

To prevent personal injury and to protect the device from damage, read and follow these safety precautions.

## 1. Do not remove the cover

To avoid personal injury, do not remove the top cover of the equipment unless you are our technician.

## 2. Only use the power supply and accessories specified by the manufacturer

The power supply of the product supports DC 12V power input, please use the power cable included in the package or a standard power cable.

## 3. Avoid all functional interfaces from contacting charged objects

This is an electronic product. The circuit elements may be damaged if the function interfaces contact charged objects, thus affecting normal use of the product.

## 4. Keep the product away from flammable and explosive hazardous substances

Keep away from flammable and explosive substances, do not operate and use this product in a flammable and explosive environment!

## 5. FCC statement

Warning: Operation is subject to the following two conditions: this device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

## 6. Do not ingest battery, Chemical Burn Hazard

[The remote control supplied with] This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

7. This product is not waterproof, so avoid contact with liquid or operating the product in a humid environment

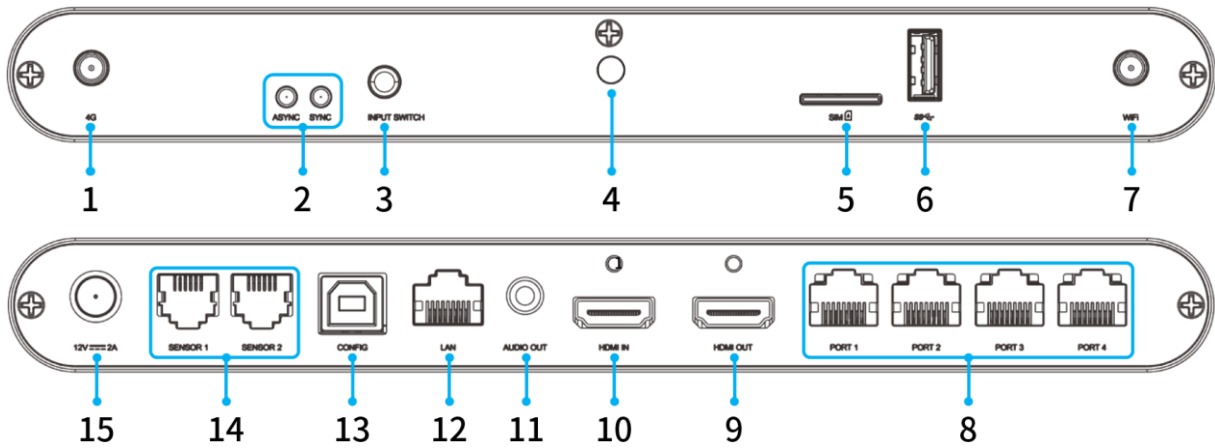
## Safety protection measures

1. During the installation process of the Player, please follow the safety rules to avoid self-injury and equipment damage.
2. WiFi hotspot of the Player is enabled by default, if you want to use it, you must change the initial password of WiFi hotspot; if it is not changed, you must turn off WiFi hotspot.

## Unpacking and inspection

1. Before unpacking, checking whether the player box is damaged. Please notify the carrier in time to confirm the compensation if you find any damage.
2. After unpacking, checking the items according to the packing list in the box. Please contact the salesman in time if you find the accessories are incomplete.

# Interface Description



No.	Name	Function
1	4G	Connect to 4G antenna (optional).
2	ASYNC SYNC	Indicator of sync and async modes.
3	INPUT SWITCH	Switch between sync and async modes.
4	IR	Receive information via infrared light (remote control, easy to operate).
5	SIM	Micro-SIM card slot (use with 4G module).
6	USB	Connect to USB flash drive or USB camera.
7	WiFi	Connect to WiFi antenna, support 2.4G band. - WiFi hotspot. - WiFi client mode (connect to other WiFi routers).
8	PORT1-4 / 1-2	Ethernet output, connect to receiver cards of the display.
9	HDMI OUT	Output sync or async HDMI signal.
10	HDMI IN	Input sync HDMI signal.
11	AUDIO OUT	3.5mm audio interface, HiFi stereo output.
12	LAN	Ethernet port, connect to wired network.
13	CONFIG	USB-B port for controlling devices to set parameters or publish program.
14	SENSOR 1/2	RJ11 port, connect to the sensor for automatic brightness adjustment or monitoring ambient light, smoke, temperature, humidity and air quality. - SENSOR 2 connect to M2 monitoring module, which can externally connect to sensors.
15	12V==2A	DC 12V power input.

\* This picture takes A200 as an example, the equipment shown in the picture is for reference only. M2 is an optional monitoring module.

# Quick Start Guide

Users only need three steps to master the basic player usage.

**Step I: Connect the player to LED / LCD display screen correctly**

**Step II: Configure player parameters**

**Step III: Edit and publish program**

Note:

1. For detailed configuration, please refer to the content of next chapter.
2. The supporting software to be used can be downloaded on our official website: [www.colorlightinside.com](http://www.colorlightinside.com) [Support] → [Download].
3. LAN encryption is enabled by default with the initial password Console@123. It is highly advisable to set a stronger password.

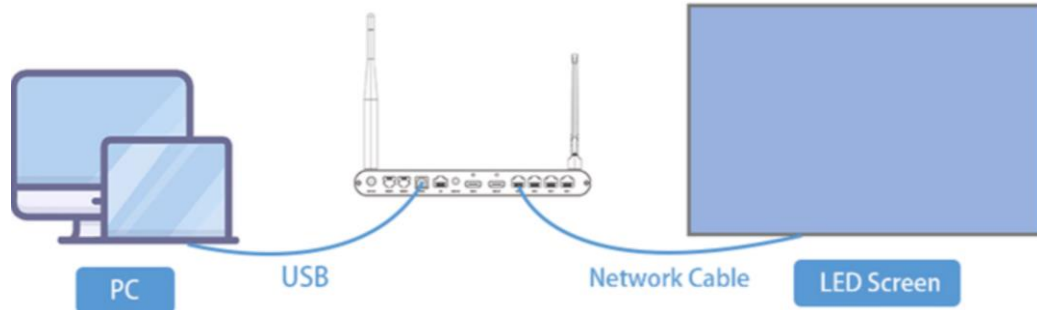
## Software

Type	Description
LEDVISION	Debug receiving card parameters and other functions through the player. <ul style="list-style-type: none"><li>- Program publishing and player management are not supported.</li><li>- Support V8.6 or above.</li></ul>
PlayerMaster	Local and cloud display management, program editing and publishing. <ul style="list-style-type: none"><li>- Support V1.8 or above.</li></ul>
ColorlightCloud	Web-based display information release management system, through logging in a browser to achieve display cluster management, information release and monitoring.
LED assistant	Support Android and iOS platform easily realize the wireless control of the player. <ul style="list-style-type: none"><li>- Support V5.0 or above.</li></ul>
LEDUpgrade	Upgrade FPGA program. <ul style="list-style-type: none"><li>- Support V3.9 or above.</li></ul>

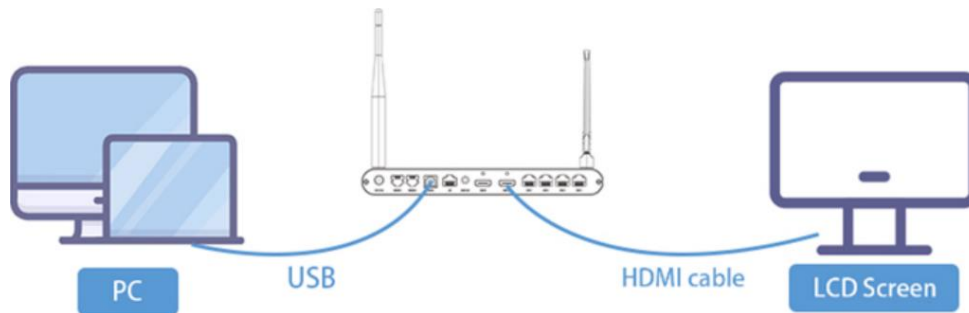
# Detailed Setting Steps

## Step I: Connect the player to LED / LCD display screen correctly

### Player Ethernet output



### Player HDMI output




\* This picture takes A200 as an example, the equipment shown in the picture is for reference only.


## Step II: Configure player parameters (LCD screen no configuration)

Player parameters mainly include two aspects:

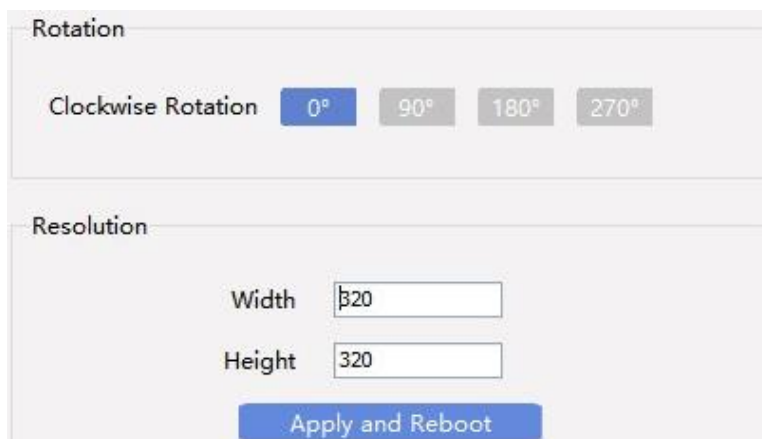
1. Screen parameter: Set the resolution of LED screen as screen resolution generally.
2. Network parameters: Select according to the actual needs of users.
  - Standalone play: No configuration is required.
  - LAN mode: Configure LAN, WiFi and WiFi hotspots according to actual needs, and choose one of them.
  - Cloud mode: Configure LAN, WiFi and 4G according to actual needs, and choose one of them.

- 1. Set player parameters


Open PlayerMaster software, click  in the top right corner and select [Software Settings]>[LAN Mode].

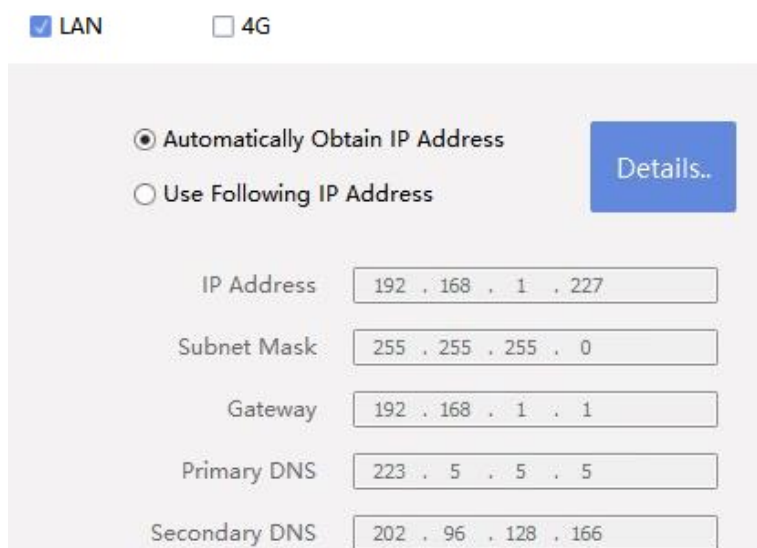
Select current player in the left list, then in the main interface of [Device], click Advanced Settings , enter the password "168" to enter parameter configuration interface.

Screen parameter: Set the actual resolution of the screen.



- 2. Configure network parameters

In the main interface of [Device], click Network Settings  to enter the following interface:




\* Take LAN port as an example. After it is connected to the network cable, the player will automatically obtain IP address. After setting successfully, program production, program publish and equipment management can be implemented through communication mode.

### 3. Optional: Configure other parameters of the player

Other functions: View Schedule, Brightness, Color Temperature, Volume, Time, Power, Network, Signal Switch, Device Language and Advanced.




### Step III: Edit and publish program

1. In the main interface of [Program], click , set the resolution of the program (generally consistent with the resolution of the screen) and enter the program editor.



Name	Description
Program	Basic unit, which can be assigned to the player or terminal group.
Program page	When different window layouts are needed in the same program, it can be realized by setting different program pages. Of course, it can also be realized by setting different programs.
Window	Program page can add multiple program windows, and windows determine the layout form of the program. The contents of different program windows are different, and the program windows below the same program page are playing at the same time.
Materials	Specific content displayed on the LED screen, including video, picture, GIF, text and office file.


\* In each LED screen, the relation between the program page and the program page, and between the content and the content in the same program window is in-turn playing, while the relation between the program window and the window under the same program page is parallel and concurrent playing.



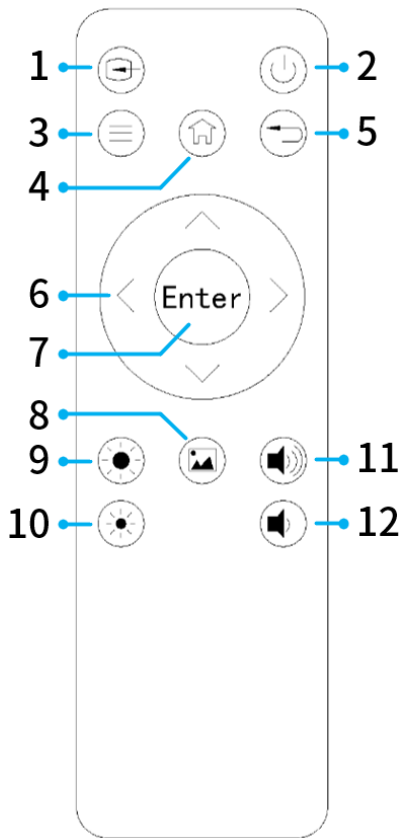
2. Click  to add programs in the following format types:

No.	Program Type	Content Description
1	File window	Video, picture, Gif, Txt, RTF, Office (Word, Excel, PPT).
2	Single-line text	Txt document, manual editing and input.
3	Single-Column text	Txt document, manual editing and input.
4	Multi-line text	Txt document, RTF document, Word document, manual editing and input.
5	Global Weather	Weather in global cities.
6	Environment	Temperature, humidity, smoke, noise and air quality.
7	Analog Clock	Round image clock.
8	Digital Clock	Digital timing clock.
9	Timer	Count-up or down timer.
10	Webpage	Manually enter the website.
11	Stream Video	Program on the streaming medium website.
12	RSS	News subscription.
13	Video Capture	Display the images captured by an external camera.

3. Select different program windows and materials according to actual needs. After editing, click Save  and select Publish . After finishing publishing, the published content just now will be displayed on LED screen.

Program		Program Schedule	Command Schedule			
Name	Device/Grou...	Size	Comple...	Progress		Date Published
ZJTV	123456789	4.4 KB	4.4 KB	100%		2022-12-20 17:51:30

# Remote Control



No.	Name	Function
1	Signal switch	Switch the input to a sync or async signal.
2	Sleep/Wakeup	Make the player sleep or wake up.
3	INFO	Display device information.
4	Home	Exit the current U disk single page play, return to loop mode, close all pop-up windows.
5	Return	Exit the INFO interface step by step.
6	Arrow	Up and down arrows: switch the program source, which is displayed in the upper-left corner. Right and left arrows: switch programs played on repeat.
7	Enter	Go to the next level of submenu or check the operation.
8	Gallery	Enter the gallery to view material files in USB flash drive, operated by the [arrow] and [enter] buttons.
9	Brightness +	Increase brightness.
10	Brightness -	Decrease brightness.
11	Volume +	Increase volume.
12	Volume -	Decrease volume.

\* Ensure the distance between the remote control and the player does not exceed 10 meters.

## More

Now you have mastered the use of basic Player functions.

If you need to learn more advanced functions, please contact technicians for more information.

# Statement

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