

A500

Player

User Manual V1.1

Cautions

Read all the safety information below before using A500 to ensure product safety and proper use.

1. Do not open the cover

To prevent personal injuries, ensure that the cover of the device is only opened by Colorlight's technical support.

2. Use power supply and accessories recognized by the manufacturer

Please use the power cord that comes with this product or the ones that meets the standard.

3. Prevent ports from contacting other charged bodies

This product is an electronic device. Contact with other charged bodies may cause damage to the circuit components, negatively affecting the operation of the product.

4. Away from fire, explosion, and other hazards

Keep this product away from fire, explosion, and other hazards. Do not use this product in a flammable and explosive environment.

5. Class A Notice

Warning: Operation of this product in a residential area is likely to cause radio interference.

6. This product is not waterproof. Do not come in contact with liquid or use it in a humid environment.

Protective Measures

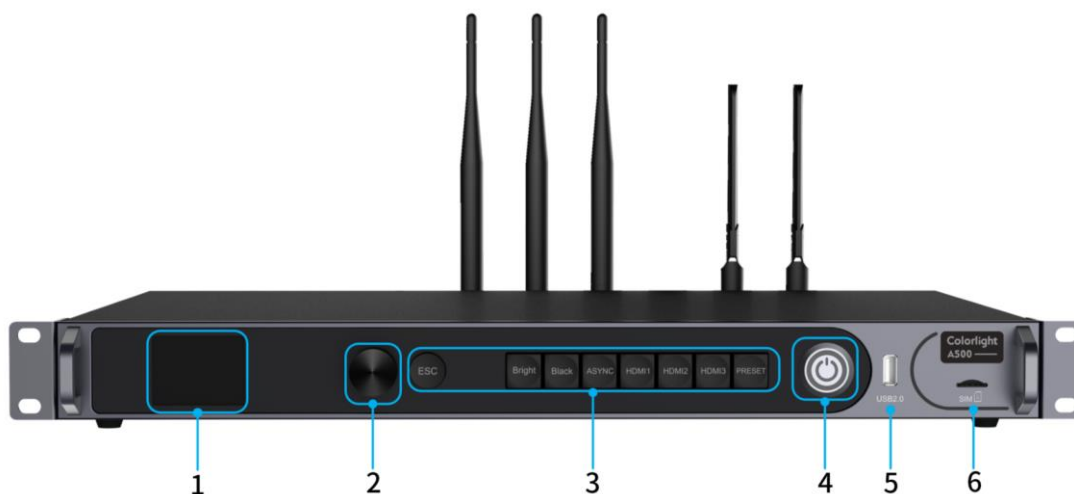
Adhere to the safety instructions when installing networking player in the case of personal injury and damage to the device.

Unpacking and Inspection

1. Before opening the package, please check whether the packaging of the networking player is damaged. If there is any damage, please timely report the claim to your carrier.
2. After unpacking, please check the attached packing list and see whether all accessories are included. If you find any accessories missing, please contact the sales promptly.

Appearance

Front panel



No.	Name	Description
1	LCD	Displays the operation menu and system information
2	Knob	Presses to enter the submenu or confirm your selection Rotates to select a menu item or adjust parameters
3	Function buttons	ESC: Exits the current operation or back to previous menu Bright: Tunes brightness Black: Blacks the output screen out; the indicator is steady blue ASYNC: Sets async playback display HDMI 1/ HDMI 2/ HDMI 3: Press to switch to the corresponding signal PRESET: Shortcut for preset parameters
4	Switch	Power on/off the device
5	USB 2.0	Connects to mice, keyboards, U-disks, and other go-to peripherals
6	SIM	Micro-SIM card slot

Rear panel



Power

1	AC100-240V~ 50/60Hz	Connects to AC power supply, with built-in fuse
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Control

2	RS232	RJ11 port, connecting to central controller
3	RS485	Connects to sensors or M2 to enable automatic adjustment of screen brightness; monitors and displays parameters such as ambient brightness, smoke, temperature and humidity, and air quality
4	LAN	Gigabit Ethernet port, connecting to wired network
5	USB	USB-A interface; supports USB 3.0 for updating programs via U-disk
6	Type-C	Sets display parameters and publishes programs

Input

7	HDMI 1	HDMI inputs for HDMI sync signal - Maximum resolution 3840×2160@60Hz
	HDMI 2/3	HDMI inputs for HDMI sync signal - Maximum resolution 3840×2160@30Hz

Output

8	HDMI2.0	1×HDMI 2.0 input - Maximum resolution 3840×2160@60Hz
9	SPDIF	1×SPDIF audio output
10	AUDIO	3.5mm audio jack for Hi-Fi stereo output

11	1~8	<p>Output through 8 channels of Gigabit Ethernet ports, connecting to the screen receiving card</p> <p>Load capacity:</p> <ul style="list-style-type: none"> - Single network port: 650,000 pixels - Total load capacity: 5.2 million pixels
12	Grounding	Grounding interface to protect the equipment

Quick Start

Follow these steps to learn about how to use the player.

Step 1: Connect the player to LED screen/LCD properly.

Step 2: Configure player parameters.

Step 3: Edit and publish your programs.

Note:

1. For more specific details, please refer to the next session.
2. To download the corresponding software, go to our official website (www.colorlightinside.com), and select Support > Downloads.

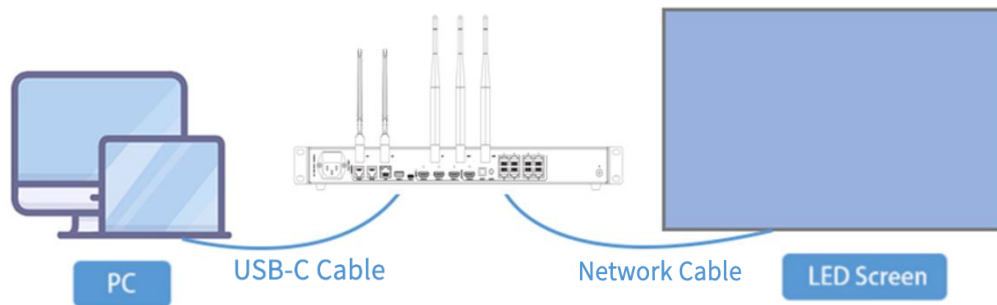
Corresponding Software

Name	Description
LEDVISION	Configures the parameters of receiving cards with the player <ul style="list-style-type: none">- Program publishing and player management are not supported- Supports V9.6.48966 and later version
PlayerMaster	Manages local and cloud screens; edits and publishes programs <ul style="list-style-type: none">- Supports V1.9.3019 and later version
ColorlightCloud	A web-based screen information publishing and management system that allows cluster management of screens through the browser after logging in, information publishing, and monitoring
LED Assistant	Supports intuitive wireless control of the player through Android and iOS <ul style="list-style-type: none">- Supports V5.1 and later version
LEDUpgrade	Updates the firmware of receiving cards <ul style="list-style-type: none">- Supports V5.1.37101 and later version

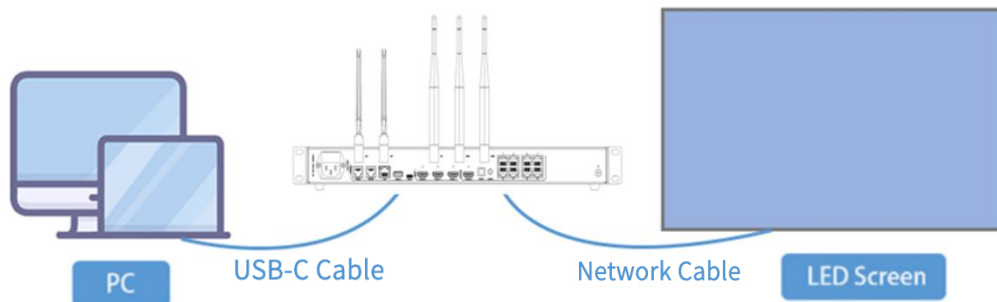
Step-by-Step Guide

Step 1: Connect the player to LED screen/LCD properly

Output signal through the network port of player



Output signal through the HDMI of player





Step 2: Configure player parameters (no need for LCD)

The player parameters include:


1. Screen resolution: Ordinarily set it as the resolution of the LED screen.
2. Network: Access the network according to the application scenario.
 - Local playback: No need for configuration.
 - LAN mode: Configure LAN, Wi-Fi, or Wi-Fi hotspot to fit your demand.
 - Cloud mode: Configure LAN or Wi-Fi to fit your demand.

1. Set screen resolution

Launch PlayerMaster. Click on  in the upper-right corner and select Software Settings > LAN Mode.

Under the Device tab, select the current player at the left-hand sidebar. Click the Advanced icon  in the lower-right corner. Enter 168 in the Password field to access the parameter configuration interface.

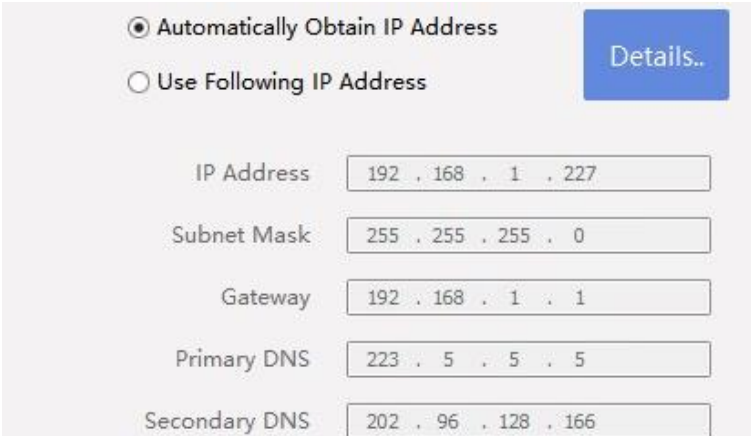
Screen Settings: Set the width and height according to the actual screen resolution.



The image shows a 'Screen Settings' window. It has two main sections: 'Rotation' and 'Resolution'. The 'Rotation' section has a label 'Clockwise Rotation' followed by four buttons: '0°' (highlighted in blue), '90°', '180°', and '270°'. The 'Resolution' section has two input fields: 'Width' with the value '320' and 'Height' with the value '320'. At the bottom of the 'Resolution' section is a blue button labeled 'Apply and Reboot'.

2. Configure network parameters

Under the Device tab, click the icon  to access the network settings interface:



The image shows a 'Network Settings' window. It has two radio buttons at the top: 'Automatically Obtain IP Address' (selected) and 'Use Following IP Address'. To the right of these is a blue button labeled 'Details..'. Below the radio buttons are five input fields, each with a label and a value: 'IP Address' (192 . 168 . 1 . 227), 'Subnet Mask' (255 . 255 . 255 . 0), 'Gateway' (192 . 168 . 1 . 1), 'Primary DNS' (223 . 5 . 5 . 5), and 'Secondary DNS' (202 . 96 . 128 . 166).

*This user manual takes LAN port as an example. After connecting the Ethernet cable, the player automatically gets the IP address. Once configured, program editing, program publishing, and device management are available through LAN.

3. Optional: Configure other parameters

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



Step 3: Edit and publish programs



1. Under the Program tab, click on **+** and set the program resolution (ordinarily insistent with the screen resolution). Click OK to access Program Editor.

Name	Description
Program	Basic unit that can be published to the terminal or terminal group
Program page	To rearrange window layout for a program, set different program pages or programs as you want
Window	You can add multiple types of windows in a program page. Window defines the program layout. The content of different programs varies. Program windows in the same program page are played simultaneously.
Material	Content displayed on the LED screen, including video, picture, GIF, txt file, doc file, xlsx file, and ppt file

* On each LED screen and in the same program page, all windows are played simultaneously. In the same window, media are played orderly.

2. Click on  to add programs of different types

No.	Window type	Description
1	File Window	Video, picture, GIF, txt file, RTF file, doc file, xlsx file, and ppt file
2	Single-Line Text	Import a txt file or edit manually
3	Single-Column Text	Import a txt file or edit manually
4	Multi-Line Text	Import a txt file, RTF file, doc file, or edit manually
5	China Weather	Weather of cities in China
6	Global Weather	Weather of global cities
7	Environment	Temperature, humidity, smoke, noise, and air quality
8	Analog Clock	Round clock
9	Digital Clock	Digital clock
10	Timer	Positive timer or countdown timer
11	Webpage	Enter a website manually
12	Stream Video	Streaming media website
13	RSS	News subscription
14	Video Capture	Footage from external camera

3. Select a program window and material as desired. After editing, click on the save icon  and the publish icon . After publishing the program, it will be displayed on the LED screen.

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

More

This user manual provides a comprehensive view of networking player's basic functionalities.

To learn more about advanced functions, please contact relevant technical support for more information.

Statement

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