Colorlight A200

Colorlight A200 LED Display Cloud Media Player User Manual

This manual provides detailed instructions for the setup, operation, and maintenance of the Colorlight A200 LED Display Cloud Media Player.

1. INTRODUCTION

The Colorlight A200 is a professional-grade 4K LED display controller and digital signage player designed for high-performance environments. It offers exceptional flexibility, resolution, and network control in a compact device, suitable for managing video walls, multi-screen retail signage, and various commercial display applications. This manual will guide you through the installation, configuration, and daily operation of your A200 device.

2. WHAT'S IN THE BOX

Upon opening the Colorlight A200 package, please verify that all the following items are included:

- 1 × Colorlight A200 Media Player
- 1 × Power Adapter
- 1 × HDMI Cable
- 1 × Ethernet Cable
- 1 × User Manual

Image: All components included in the Colorlight A200 package, including the media player, power adapter, cables, and user manual.

3. Key Features

The Colorlight A200 offers a robust set of features designed for versatile and reliable digital signage:

- **4K LED Display Controller with Multi-Format Video Playback:** Supports 4K, HD, HEVC, MP4, VP9 formats. Ideal for LED video wall panels, digital signage screens, and commercial LED displays. Built-in HDMI, USB, and DVI for flexible input options.
- **Digital Signage Player for Commercial Multimedia Display:** Designed for public information screens, restaurant menu boards, and retail display signage. Provides reliable 1080p and 4K digital video output with scheduled playback, loop video features, and media player integration.
- **Smart Control Box with Ethernet and Cloud Connectivity:** Includes Ethernet port and cloud control features for real-time digital signage management. Compatible with remote display updates, webpage display playback, and scheduled content distribution.
- **Compatible with Transparent LED Screens and Flexible LED Panels:** Engineered for flexible installations, including transparent film displays and multi-format LED display configurations. Controls up to 2.3 million pixels with asynchronous and synchronous playback support.
- **High-Performance LED Display Control System for 24/7 Operation:** Built for harsh environments with wide temperature support, remote monitoring, automatic brightness adjustment, and motion sensor input. Supports multi-window playback and chain store display synchronization.

4. Product Overview

Familiarize yourself with the physical components and ports of the Colorlight A200.

Image: Front view of the Colorlight A200, showcasing its compact design and single antenna.

4.1 Rear Panel Connections

Image: Rear panel of the Colorlight A200, detailing the power input, sensor ports, configuration port, LAN, audio, HDMI, and LED output ports.

- **12V === 2A:** DC power input port.
- **SENSOR 1 / SENSOR 2:** Ports for connecting external sensors (e.g., brightness, temperature, motion).
- **CONFIG:** USB port for configuration and firmware updates.
- **LAN:** Ethernet port for network connection and cloud management.
- **AUDIO OUT:** 3.5mm audio output jack.
- **HDMI IN:** HDMI input port for external video sources.
- **HDMI OUT:** HDMI output port for connecting to a display or monitor.
- **PORT 1 - PORT 4:** RJ45 output ports for connecting to LED receiving cards.

4.2 Front Panel Features

Image: Front panel of the Colorlight A200, showing the 4G antenna, status indicators, input switch, SIM card slot, USB port, and WiFi antenna.

- **4G Antenna Port:** Connector for the optional 4G antenna.
- **ASYNC / SYNC Indicators:** LEDs indicating asynchronous or synchronous playback mode.
- **INPUT SWITCH:** Button to switch between input sources.
- **SIM:** SIM card slot for 4G connectivity.
- **USB:** USB 3.0 port for media playback from USB drives.
- **WiFi Antenna Port:** Connector for the WiFi antenna.

5. SETUP GUIDE

Follow these steps to set up your Colorlight A200 for initial use.

5.1 Connecting Power

1. Connect the provided power adapter to the **12V === 2A** port on the rear panel of the A200.
2. Plug the power adapter into a suitable electrical outlet. The device will power on automatically.

5.2 Network Connection

The A200 supports multiple network connectivity options:

- **Ethernet (LAN):** Connect an Ethernet cable from your network router or switch to the **LAN** port on the A200. This is the recommended method for stable connectivity.
- **Wi-Fi:** Attach the WiFi antenna to the designated port on the front panel. Configure Wi-Fi settings through the

device's interface or cloud platform.

- **4G (Optional):** Insert a valid SIM card into the **SIM** slot on the front panel and attach the 4G antenna to the designated port.

5.3 Display Connection

Connect the A200 to your LED display or monitor:

- **LED Display:** Connect Ethernet cables from the **PORT 1-4** outputs on the A200 to the input ports of your LED receiving cards. Ensure correct cabling order for your specific LED display configuration.
- **Monitoring Display (Optional):** Use an HDMI cable to connect the **HDMI OUT** port on the A200 to an HDMI input on a monitor for real-time content preview or system monitoring.

5.4 Input Devices and Sensors

- **USB Media:** Insert a USB flash drive containing media files into the **USB** port on the front panel for local playback.
- **External Sensors:** Connect compatible sensors (e.g., light sensors for automatic brightness adjustment) to the **SENSOR 1** or **SENSOR 2** ports.
- **HDMI Input:** If using an external HDMI source, connect it to the **HDMI IN** port.

6. OPERATING INSTRUCTIONS

This section covers the basic operation and content management for the Colorlight A200.

6.1 Basic Operation

- **Power On/Off:** The device powers on automatically when connected to power. To power off, disconnect the power adapter.
- **Input Switching:** Press the **INPUT SWITCH** button on the front panel to cycle through available input sources (e.g., internal player, HDMI IN).
- **Status Indicators:** Observe the **ASYNC** and **SYNC** LEDs on the front panel to determine the current playback mode.

6.2 Content Management

Content can be managed via the cloud platform or local USB:

- **Cloud Platform:** For remote management, scheduling, and real-time updates, access the Colorlight cloud platform via a web browser. Refer to the platform's specific documentation for detailed instructions on uploading content, creating playlists, and setting schedules.
- **USB Playback:** Insert a USB drive with supported media files (4K, HD, HEVC, MP4, VP9). The A200 can be configured to automatically play content from the USB drive.
- **Multi-Window Layout:** The A200 supports creating complex multi-window layouts for displaying various content types simultaneously. This feature is typically configured through the cloud management software.

6.3 Remote Control (Optional)

If your A200 package includes a remote control, it can be used for basic navigation and playback control. Ensure the remote control's batteries are installed correctly.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Colorlight A200.

- **Cleaning:** Regularly clean the exterior of the device with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure ventilation openings are free from dust and debris.
- **Firmware Updates:** Periodically check the Colorlight official website or your cloud platform for available firmware updates. Keeping the firmware updated ensures access to the latest features and performance improvements. Follow the provided instructions carefully during updates.
- **Environmental Conditions:** Operate the device within its specified temperature and humidity ranges. Avoid exposing the A200 to extreme temperatures, direct sunlight, or high moisture environments.
- **Cable Management:** Ensure all cables are securely connected and not under strain. Loose connections can lead to intermittent issues.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with the Colorlight A200.

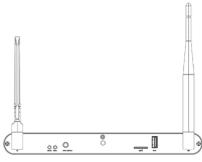| Problem	Possible Cause	Solution
No display output on LED screen.	Incorrect cabling; LED receiving card issue; A200 not configured correctly.	Check Ethernet cables to LED receiving cards. Verify LED display configuration in software. Ensure A200 is powered on.
No network connection.	Loose Ethernet cable; Incorrect Wi-Fi settings; 4G signal issue.	Ensure Ethernet cable is securely connected. Reconfigure Wi-Fi settings. Check SIM card and 4G antenna for 4G connectivity.
Content not playing or freezing.	Unsupported media format; Corrupted file; Insufficient storage; Network latency.	Ensure media format is supported (HEVC, MP4, VP9). Re-upload content. Check available storage. Verify network stability for cloud content.
Device unresponsive.	Software glitch; Power issue.	Disconnect and reconnect power to restart the device. If issue persists, contact technical support.

9. TECHNICAL SPECIFICATIONS

Detailed specifications for the Colorlight A200 LED Display Cloud Media Player.

Attribute	Value
Brand Name	Colorlight
Model Name	Colorlight A200
Item Model Number	A200
Color	A200
Item Weight	1.83 pounds

Attribute	Value
Product Dimensions	5.41 x 1.02 x 9.24 inches
Connectivity Technology	LAN, Optional 4G, Wi-Fi, Wired, Wireless
Connector Type	HDMI, USB, Ethernet, RJ11 Sensor Port
Resolution	4K
Supported Internet Services	LAN Network Access, Web-based Cloud Platform
Controller Type	App Control, Remote Control
Form Factor	TV Box
Special Features	4K Video Playback, Automatic Brightness Adjustment, Real-Time Monitoring, Cloud Management, Multi-Window Layout, USB Plug-and-Play, Multi-Network Support (WiFi, LAN, optional 4G), Scheduled Program Playback, Multi-Screen Sync
Date First Available	February 13, 2024

10. WARRANTY AND SUPPORT

The Colorlight A200 comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Colorlight website. For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Colorlight customer support through their official channels. Keep your purchase receipt or proof of purchase handy when contacting support.

Colorlight

A100 / A200
Player

User Manual V1.1

[pdf] User Manual

A100 A200 User Manual V1 1 Colorlight A200UserManualV1 1723084561 support colorlightinside |||

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User Manuals Simplified.

Colorlight A200 Media Player User Manual

January 22, 2022January 22, 2022

Home - Colorlight - Colorlight A200 Media Player User Manual

Colorlight A200 Media Player User Manual

Contents [hide
1 Safety precautions
2 Interface and button
3 Get started
4 FAQ
5 Documents / Resources
5.1 Related Manuals /
Resources

Safety precautions

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

• Do not remove the cover To avoid personal injury, do not remove the top cover.
• Only use the power supply and accessories specified by the manufacturer Ensure the power supply is within the specified voltage and power range, and use the power adapter attached with the package of this product.
• Avoid all functional interfaces from contacting live objects This product is an electronic product. If the functional interface contacts a live object, it may cause damage to the circuit components, thus affecting normal use of the product.

[pdf] User Manual Specifications

Colorlight A200 Media Player User Manual Manuals LED Video Controller Cloud Display A100 A60 Multi

Wall Parts Store Further Information A200Colorlight A200 Specification a200 media player manual v

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Model Declaration Letter

We, Colorlight Cloud Tech Ltd certify the product name: Player, model No.:
A200, A100, A60. The models only different as below, the others are the same.
(1) The difference between A200 and A100:
    Net ports (A100 has 2 fewer net ports than the A200)
(2) The difference between A200 and A60:
    Remove 2 signel output network ports.
    HDMI OUT removal.
    Remove 4G module, 4G antenna and infrared probe.
    SIM card slot removal.
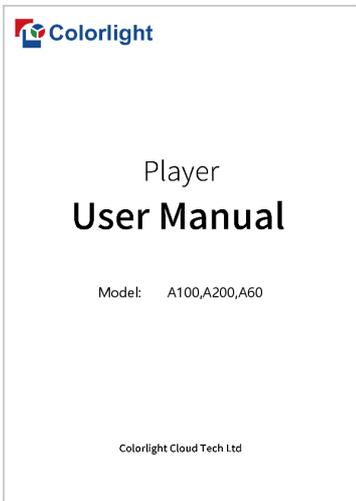   Remove 1 DDR chip.
    Size, color and material.

Signiture:
Contact: 0755-
Company Name: Colorlight Cloud Tech Ltd
Date: 2022.1.

[pdf] Decleration of Conformity

S30C 0iSC22011314150 Model Declaration Letter Colorlight Cloud Tech Ltd A200LL177

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Model Declaration Letter We, Colorlight Cloud Tech Ltd certify the product name:
Player, model No.. **A200**, A100, A60. The models only different as below, the others
are the same. 1 The difference between **A200** and A100: Net ports A100 has 2 fewer
net ports than the **A200** 2 The difference between ...

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Colorlight

Player
User Manual

Model: A100,A200,A60

Colorlight Cloud Tech Ltd

[Colorlight Player User Manual: A100, A200, A60 Setup and Operation](#)
Comprehensive user manual for Colorlight A100, A200, and A60 digital signage players. Learn about safety precautions, interface, remote control, configuration, network setup, program publishing, and FAQs.
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Olga Kudryashova Colorlight Cloud Tech Ltd 1 sept 2024 — Ø На основе серии X мы объединили функции видеопроцесса включая обрезку масштабирование изображение в изображении и переключение сигнала 6a58iwedd3szb6e4bb3cw2ywv1rmml52 profdisplays ru upload iblock 6b6 профессиональные решения по коммутации управлению купить Москве выгодной цене каталоге PROFDISPLAY с доставкой России Дорожные экраны Page 17 A серия A35 65млн A100 3млн A200 2 A2K 2K@60Hz A4K 4K@60Hz A40 A60 18 CS серии A60 Медиасервер 4K Pro 8K Мощный компьютер расширенным функционалом Воспроизведение видео с Colorlight КРЕАТИВНОЕ ВИДЕО · БЕСКОНЕЧНОЕ БУДУЩЕЕ 1 иColorlight России6a58iwedd3szb6e4bb3cw2ywv1rmml52 srsltid AfmBOoob0AqZ2g7 7T9L5BUItW3P6Dn9K Zc8ql1HYTemNHzfqa1CkIg6a58iwedd3szb6e4bb3cw2ywv1rmml52 AfmBOopB3kJdsb5mKrJW4F G3Ut1ZfnhOEmYqRjblVhAqz7fQVjPWv0jprofdisplays Zc8ql1HYTemNHzfqa1CkIgprofdisplays AfmBOop0RfXjwXQFQFYqcf4IlWfWQ6saa8KV7J7IAU4JKjAaYOtV6A0Xprofdisplays 6a58iwedd3szb6e4bb3cw2ywv1rmml52profdisplays Colorlight AfmBOopOgoR3fQ1 dx3CwruDiPkmlw0JWacN39NV8wEismL GpJjDnprofdisplays ||| ||| Colorlight Cloud Tech Ltd. 2007 HUB75 2010 Barco, Leyard, ROE 3D 2015 4K HDR. 2020 5G 8K Z8 8K 2022 XR IPO 1.3 - -- 7 7 , , , 100 280 , , , , , , , , , , , , , . i- i5 i8 i9 i10 K- K5 K8 K9 K10 75B E120 75E E320 5G-_HC5 _N6 // // X- X , , , Colorlight Cloud Tech Ltd. 2007 HUB75 2010 Barco, Leyard, ROE ... eutrick Coloradapt A- . : A- A35 0.65 A40 0.65 A60 1.3 A100 1.3 **A200** 2.3 A2K 2K 60Hz A4K 4K 60Hz CS- CS- CS-4K Pro CS-8K Pro 8 Grandshow ...
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TEST REPORT

Product Name : **Player**
Model Number : **A200, A100, A60**
FCC ID : **2AVV2A200LL177**

Prepared for   Colorlight Cloud Tech Ltd
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Report Number   : ENS2111240013W00501R
Date(s) of Tests : December 03, 2021 to December 21, 2021
Date of Issue   : December 21, 2021

Report No. ENS2111240013W00501R   Page 1 of 58   Ver.1.0

[pdf] Decleration of Conformity Test Report
ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT fly Test Report 2 4G Colorlight Cloud Tech Ltd A200LL177 2AVV2A200LL177 a200ll177
TEST REPORT Product Name Player Model Number **A200**, A100, A60 FCC ID 2AVV2**A200**LL177 Prepared for Address Prepared by Address : Colorlight Cloud Tech Ltd : Room 3801 37-39F , Tower A, Building 8, Block C, Phase 3, Vanke Cloud City, Liuxin 4th Street, Xili Community, Xili Street, Nanshan District...
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[pdf] Specifications

Colorlight i6 LED Display Receiving Card Specification v 1626158288 cdn shopifycdn net s files 1 0578 7323 6159 |||

i6 Receiving Card www.colorlightinside.com Version1.2 2017/03/18 i6 Receiving Card Specificatio ... A178 180 A180 182 A182 184 A184 186 A186 188 A188 190 A190 192 A192 194 A194 196 A196 198 A198 200 **A200** A B C D E LED_LAT LED_OE LED_R2 LED_G2 LED_B2 LED_R4 LED_G4 LED_B4 LED_R6 LED_G6 LED_B6 LED_R8...

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J6 D2A D2A- D2BD2B D2C D2C- D2DD2D 1 3 A1 5 A3 7 A5 9 A7 ... A178 180 A180 182 A182 184 A184 186 A186 188 A188 190 A190 192 A192 194 A194 196 A196 198 A198 200 **A200** FA FB FC FD FE LED_LAT LED_OE LED_R2 LED_G2 LED_B2 LED_R4 LED_G4 LED_B4 LED_R6 LED_G6 LED_B6 L...
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J28 D2A D2A- D2BD2B D2C D2C- D2DD2D 1 3 A1 5 A3 7 A5 9 A ... A178 180 A180 182 A182 184 A184 186 A186 188 A188 190 A190 192 A192 194 A194 196 A196 198 A198 200 **A200** FA FB FC FD FE LED_LAT LED_OE LED_R2 LED_G2 LED_B2 LED_R4 LED_G4 LED_B4 LED_R6 LED_G6 LED_B6 L...
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J6 D2A D2A- D2BD2B D2C D2C- D2DD2D 1 3 A1 5 A3 7 A5 9 A7 11 ... A178 180 A180 182 A182 184 A184 186 A186 188 A188 190 A190 192 A192 194 A194 196 A196 198 A198 200 **A200** FA FB FC FD FE LED_LAT LED_OE LED_R2 LED_G2 LED_B2 LED_R4 LED_G4 LED_B4 LED_R6 LED_G6 LED_B6 L...

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