

## EnhanBili LCB2K

# EnhanBili NovaStar LCB2K LCD LED Media Player User Manual

Model: LCB2K

## 1. INTRODUCTION

The EnhanBili NovaStar LCB2K is an advanced LCD media player designed for professional applications. This device is specifically engineered for use with LCD screens in various environments, including advertising displays, digital signage, and commercial display systems. It provides reliable and efficient media playback capabilities for dynamic content delivery.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in electric shock, fire, or damage to the product.

- **Power Supply:** Use only the specified power adapter (12V DC, 2A) provided with the device. Ensure the power source is stable and within the rated voltage range.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Environment:** Avoid exposing the device to extreme temperatures, humidity, dust, or direct sunlight. Operate within the recommended temperature range of -20°C to 60°C.
- **Liquid Exposure:** Keep the device away from liquids. Do not operate with wet hands.
- **Servicing:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- **Placement:** Place the device on a stable, flat surface. Avoid placing it near strong magnetic fields or sources of vibration.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- EnhanBili NovaStar LCB2K Media Player
- Power Adapter (12V DC, 2A)

- User Manual (this document)
- (Optional: Wi-Fi Antenna, Mounting Accessories - if applicable)

## 4. PRODUCT OVERVIEW

The LCB2K media player features a compact design with various ports and indicators for versatile connectivity and operation. Familiarize yourself with the device's layout.

### 4.1 Front/Side Panel



Figure 1: Side view of the LCB2K Media Player, showing audio, video, and communication ports.

- **AUDIO OUT:** 3.5mm audio jack for connecting external speakers or headphones.
- **HDMI OUT:** HDMI port for connecting to an LCD display or monitor.
- **PWR Indicator:** Power indicator light. (Red)
- **SYS Indicator:** System status indicator light. (Green)
- **COM 1 / COM 2:** Serial communication ports, typically RS232, for control or data transfer.
- **SIM CARD:** Slot for inserting a SIM card for cellular network connectivity (if supported by the specific model).

### 4.2 Rear Panel



Figure 2: Rear view of the LCB2K Media Player, displaying network, USB, and power connections.

- **WiFi:** Connector for an external Wi-Fi antenna (if included).
- **RESET:** Button to reset the device to factory settings or restart.
- **USB:** Standard USB 2.0 port for connecting peripherals like a mouse, keyboard, or USB storage.
- **USB 3.0:** High-speed USB 3.0 port for faster data transfer with compatible devices.
- **ETHERNET:** RJ45 port for wired network connection.
- **12V === 2A:** DC power input jack for connecting the power adapter.

### 4.3 Dimensions

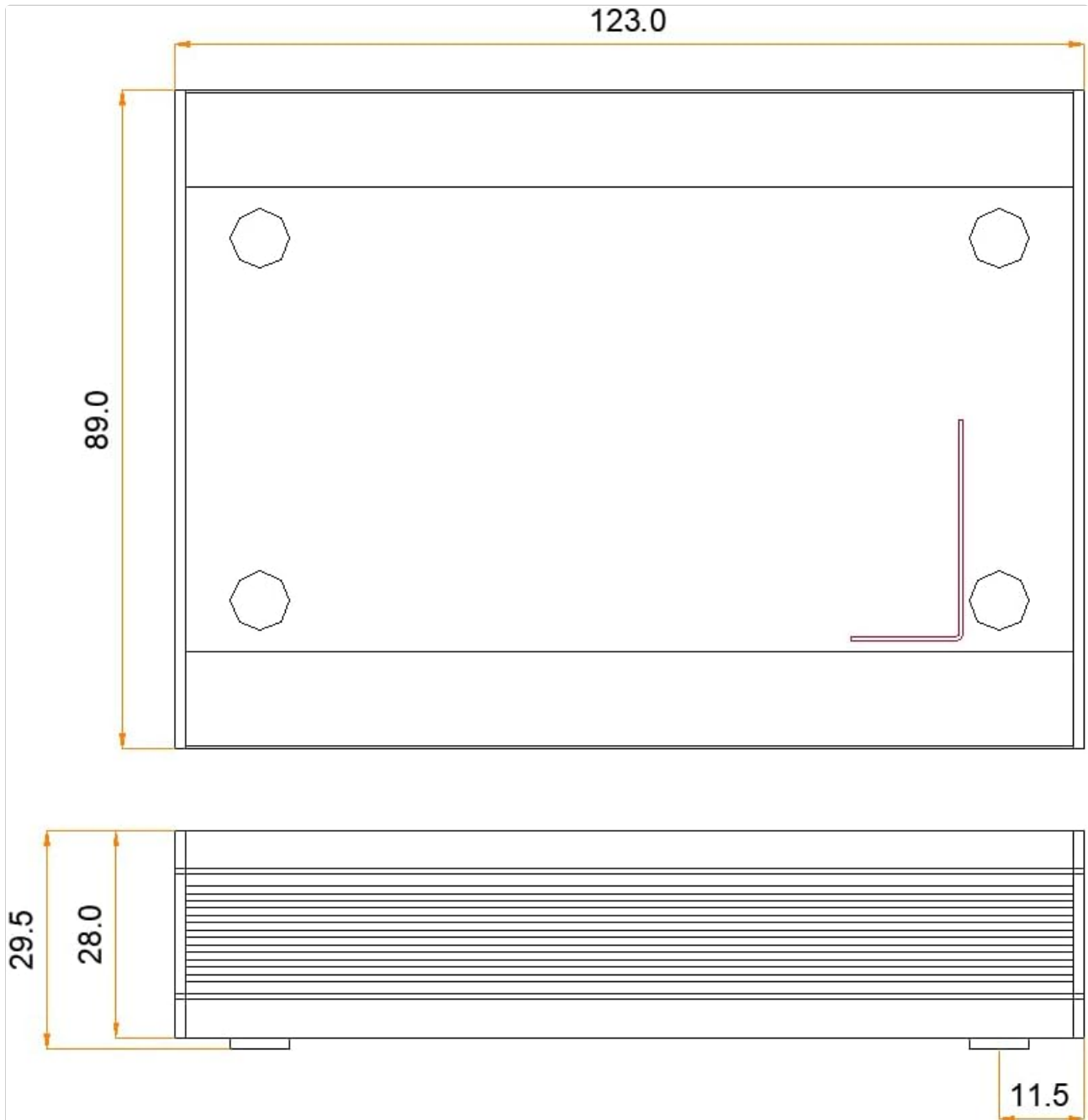


Figure 3: Technical drawing showing the dimensions of the LCB2K Media Player.

The device has compact dimensions, making it suitable for various installations. The approximate dimensions are 12.5 cm x 9 cm x 3 cm (Length x Width x Height).

## 5. SETUP INSTRUCTIONS

Follow these steps to set up your LCB2K media player:

1. **Connect to Display:** Connect one end of an HDMI cable to the **HDMI OUT** port on the LCB2K and the other end to an HDMI input on your LCD display.
2. **Connect Audio (Optional):** If using external speakers, connect them to the **AUDIO OUT** port using a 3.5mm audio cable.
3. **Connect Network:**
  - **Wired:** Connect an Ethernet cable from your router or network switch to the **ETHERNET** port on the LCB2K.
  - **Wireless:** If your model includes Wi-Fi, attach the Wi-Fi antenna to the **WiFi** connector. Configure Wi-Fi settings through the device's operating system.
  - **Cellular (Optional):** Insert a compatible SIM card into the **SIM CARD** slot if cellular connectivity is required and supported.
4. **Connect Peripherals (Optional):** Connect a USB mouse, keyboard, or USB storage device to the **USB** or **USB 3.0** ports as needed.
5. **Connect Power:** Insert the DC plug of the power adapter into the **12V === 2A** power input jack on the LCB2K. Then, plug the power adapter into a suitable electrical outlet.
6. **Power On:** The device should power on automatically, and the **PWR** indicator will light up. The **SYS** indicator will blink or light steadily once the system is ready.

## 6. OPERATING INSTRUCTIONS

Once the LCB2K is set up and powered on, it will typically boot into its operating system or media playback software. Specific operation details depend on the installed software.

- **Initial Boot:** Allow the device a few moments to boot up completely. The display connected via HDMI should show the system interface.
- **System Navigation:** Use a connected USB mouse and/or keyboard to navigate the operating system or media player application.
- **Content Management:** Upload or configure your media content (videos, images, presentations) according to the instructions of your specific digital signage software. This often involves network transfer or USB storage.
- **Power Off:** To safely power off the device, use the shutdown option within the operating system. Alternatively, you can disconnect the power adapter, but this is not recommended for regular shutdowns to prevent data corruption.
- **Reset Button:** The **RESET** button can be used for a hard reset if the device becomes unresponsive. Press and hold for a few seconds to initiate a restart or factory reset, depending on the system configuration.

## 7. SPECIFICATIONS

| Feature            | Detail          |
|--------------------|-----------------|
| Brand              | EnhanBili       |
| Manufacturer       | NovaStar        |
| Model              | LCB2K           |
| Product Dimensions | 12.5 x 9 x 3 cm |
| Item Weight        | 300 g           |
| Power Type         | DC              |

| Feature                   | Detail                                                                                        |
|---------------------------|-----------------------------------------------------------------------------------------------|
| Overall Power Consumption | 18 W                                                                                          |
| Operating Temperature     | -20 °C to 60 °C                                                                               |
| Connectivity              | HDMI, Ethernet, USB 2.0, USB 3.0, Audio Out, COM ports, Wi-Fi (optional), SIM Card (optional) |

## 8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LCB2K media player.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols, as they may damage the components.
- **Dust:** Regularly check and clean any ventilation openings to prevent dust buildup, which can lead to overheating.
- **Storage:** If storing the device for an extended period, ensure it is powered off, disconnected from all cables, and stored in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Keep the device's operating system and media player software updated as recommended by the software provider to ensure security and optimal performance.

## 9. TROUBLESHOOTING

If you encounter issues with your LCB2K media player, refer to the following common problems and solutions:

- **No Power:**
  - Ensure the power adapter is securely connected to both the device and a working electrical outlet.
  - Verify the power outlet is functional by plugging in another device.
  - Check if the **PWR** indicator light is on.
- **No Display on Screen:**
  - Confirm the HDMI cable is securely connected to both the LCB2K and the display.
  - Ensure the display is powered on and set to the correct HDMI input source.
  - Try a different HDMI cable or display if possible.
- **No Network Connection:**
  - **Wired:** Check the Ethernet cable connection and ensure your router/switch is working.
  - **Wireless:** Ensure the Wi-Fi antenna is properly attached (if applicable) and that Wi-Fi is enabled and configured correctly in the device's settings.
  - Verify network settings (IP address, DNS) are correct.
- **Device Unresponsive:**
  - If the device freezes, press and hold the **RESET** button for a few seconds to restart it.
  - If the issue persists, disconnect the power, wait 10 seconds, and reconnect.

## 10. WARRANTY AND SUPPORT

The EnhanBili NovaStar LCB2K Media Player comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or service inquiries, please contact EnhanBili customer support through their official website or the contact information provided by your reseller.

*Note: Software updates are guaranteed until an unknown date. Please check the manufacturer's website for the latest information.*

## ASK A QUESTION ABOUT THIS MANUAL

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