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› [Acouto Programmable LED Display 16 x 96 Pixels, IP65 Water-Resistant Scrolling LED Panel Instruction Manual](#)

## Acouto Acoutomgf4in3x68

# Acouto Programmable LED Display 16 x 96 Pixels Instruction Manual

Model: Acoutomgf4in3x68 | Brand: Acouto

## 1. INTRODUCTION

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Thank you for choosing the Acouto Programmable LED Display. This flexible, IP65 water-resistant LED panel features 16x96 pixels, offering a versatile solution for displaying custom messages, patterns, and animations. Powered by a standard USB 5V connection, it is designed for ease of use and portability. This manual provides essential information for the proper setup, operation, and maintenance of your LED display.

## 2. SAFETY INFORMATION

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- Ensure the power supply is 5V/2A. Using an incorrect power supply may damage the device.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- Avoid bending the panel excessively or sharply, as this may damage the internal circuitry.
- Keep the device away from open flames and heat sources.
- Although IP65 water-resistant, avoid submerging the device in water.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

## 3. PRODUCT OVERVIEW

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### Key Features:

- **Customizable Display:** Personalize with text, patterns, animations, doodles, and musical rhythms. Adjust brightness and speed.
- **High-Intensity Light Output:** Equipped with 1536 RGB lamp beads for bright color effects with low energy consumption.
- **IP65 Water Resistance:** Durable design suitable for various environments.
- **Portable Design:** Thin and lightweight with a USB interface for easy folding and bending.

- **Eco-friendly Control:** Powered by the ipixel color app, eliminating the need for batteries.
- **Versatile Use:** Ideal for festive gatherings, weddings, bars, trade shows, offices, and holiday decorations.

### Package Contents:

- 1 x Acouto Programmable LED Display (16x96 Pixels)
- 1 x USB Cable
- 1 x Remote Control (with 1 CR2025 200mAh battery included)
- Adhesive Strips for mounting



Image 3.1: The Acouto Programmable LED Display, showcasing its flexible design.



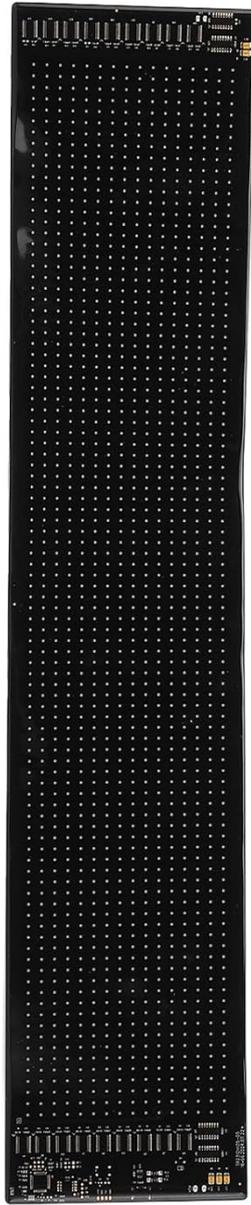


Image 4.1: Close-up view of the LED display's connection area, showing the USB port.

## 4.2 App Installation

1. Download the "**ipixel color**" application from your smartphone's app store (iOS or Android).
2. Install the application on your device.
3. Open the app and follow the on-screen instructions to connect to your LED display via Bluetooth.

## 4.3 Mounting the Display

The display is lightweight and flexible, allowing for various mounting options:

- **Adhesive Tape:** Use the provided adhesive strips to attach the display to smooth, clean surfaces like walls, windows, or other objects. Ensure the surface is dry and free of dust before application.
- **Folding/Bending:** The flexible design allows it to conform to curved surfaces or be folded for storage.



Image 4.2: Adhesive strips provided for easy mounting of the LED display.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Using the ipixel color App

The ipixel color app is the primary interface for customizing your LED display.

1. **Connect:** Ensure your display is powered on and Bluetooth is enabled on your smartphone. Open the ipixel color app and connect to your device.
2. **Text Display:** Enter custom text messages. You can adjust font, size, color, scrolling direction, and speed.
3. **Patterns & Animations:** Select from pre-loaded patterns or animations, or create your own.
4. **Doodles:** Use the app's doodle feature to draw custom images or designs directly on the display.
5. **Music Rhythm:** Synchronize the display's patterns with music played through your phone.
6. **Brightness & Speed:** Adjust the overall brightness of the display and the scrolling speed of text/animations within the app settings.



Image 5.1: The LED display showcasing a custom text message, controlled via the app.



Image 5.2: The LED display presenting a dynamic pattern, customizable through the app.

## 5.2 Using the Remote Control

The included remote control provides quick access to basic functions:

- **Power Button:** Turn the display On/Off.
- **Mode Selection:** Cycle through different display modes (e.g., text, patterns, animations).
- **Brightness Adjustment:** Increase or decrease display brightness.
- **Speed Adjustment:** Control the scrolling speed of text or animations.
- **Direction Control:** Change the scrolling direction.

## 6. MAINTENANCE

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- **Cleaning:** Gently wipe the display surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the display in a cool, dry place. Avoid sharp folds or heavy objects on top of it.

- **Battery Replacement (Remote):** If the remote control stops responding, replace the CR2025 battery. Ensure correct polarity.

## 7. TROUBLESHOOTING

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- **Display Not Powering On:**

- Check if the USB cable is securely connected to both the display and the power source.
- Ensure the USB power source is providing 5V/2A. Try a different USB port or adapter.

- **App Not Connecting to Display:**

- Make sure the display is powered on.
- Ensure Bluetooth is enabled on your smartphone.
- Restart the ipixel color app and try connecting again.
- If issues persist, try restarting both your smartphone and the LED display.

- **Remote Control Not Working:**

- Check if the remote control battery (CR2025) needs replacement.
- Ensure there are no obstructions between the remote and the display.

- **Display Content Not Updating:**

- Verify that the app is successfully connected to the display.
- Confirm that you have saved and sent the new content from the app to the display.

## 8. SPECIFICATIONS

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Feature	Specification
Item Type	Programmable LED Display
Model Number	Acoutomgf4in3x68
Material	Silicone, PCB
Screen Pixels	16 x 96
Unfolded Dimensions (L x W)	Approx. 59.4 cm x 4.7 cm (23.4 x 1.85 inches)
Number of LEDs	1536 pieces
Power Supply	USB 5V
Power Input	5V, 2A, 10W
Water Resistance Rating	IP65
Remote Control Battery	1 x CR2025 200mAh (included)
Control Application	ipixel color app
Manufacturer	Acouto

Feature	Specification
Product Weight	418 Grams
Country of Origin	China

## 9. WARRANTY AND SUPPORT

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Acouto products are designed for reliability and performance. For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. If you encounter any issues not covered in this manual, please reach out to Acouto customer service for assistance.