

Whadda WPA506

Whadda Transparent Case for Arduino UNO R3

Model: WPA506

1. INTRODUCTION

This instruction manual provides detailed guidance for the assembly, operation, and maintenance of your Whadda Transparent Case for Arduino UNO R3. This acrylic enclosure is designed to protect your Arduino UNO R3 board from dust, accidental damage, and short circuits while allowing full access to all ports and pins. Please read these instructions carefully before proceeding with assembly.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- Acrylic top panel
- Acrylic bottom panel
- Mounting hardware (screws, nuts, standoffs)

3. SETUP AND ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your transparent case and enclose your Arduino UNO R3 board:

1. **Prepare the Arduino Board:** Ensure your Arduino UNO R3 board is clean and free of any debris.
2. **Place the Bottom Panel:** Take the bottom acrylic panel. Carefully align your Arduino UNO R3 board with the mounting holes and port cutouts on the bottom panel. The USB and power jacks should align with the larger cutouts on one side.



Image 1: Arduino UNO R3 board positioned on the bottom acrylic panel.

3. **Secure the Board:** Use the provided standoffs and screws to secure the Arduino board to the bottom panel. Ensure the board is firmly attached but do not overtighten the screws.
4. **Attach the Top Panel:** Carefully place the top acrylic panel over the Arduino board, aligning its mounting holes with the standoffs. Ensure all ports and headers are accessible through the corresponding cutouts.
5. **Final Fastening:** Use the remaining screws and nuts to secure the top panel to the bottom panel, completing the enclosure. Again, tighten gently to avoid cracking the acrylic.

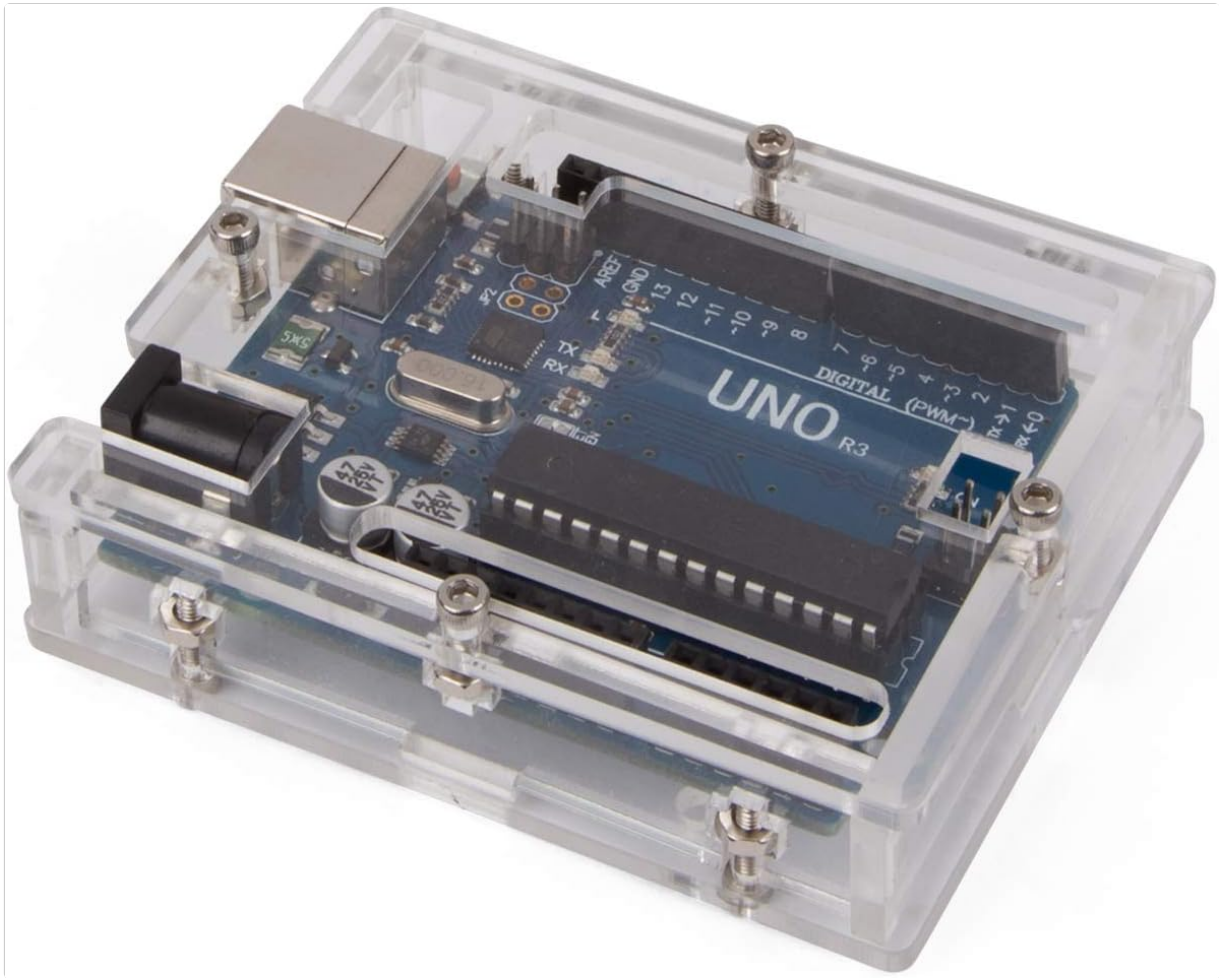


Image 2: Fully assembled transparent case with Arduino UNO R3 inside.

4. OPERATING INSTRUCTIONS

Once assembled, the Whadda Transparent Case provides a protective housing for your Arduino UNO R3. All essential ports, including USB, power jack, and header pins, remain accessible for connecting peripherals, uploading code, and powering the board. The transparent design allows for easy visual inspection of the board's status LEDs and components without opening the case.

5. MAINTENANCE

To ensure the longevity and clear appearance of your transparent case:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the acrylic surfaces. For stubborn smudges, a small amount of mild soap and water can be used, followed by drying with a clean cloth. Avoid abrasive cleaners or solvents, as these can scratch or damage the acrylic.
- **Handling:** While durable, acrylic can scratch. Handle the case with care to prevent surface damage.

6. TROUBLESHOOTING

If you encounter any issues during assembly or use:

- **Board Does Not Fit:** Double-check that you are using an Arduino UNO R3 board. Ensure the board is correctly oriented and aligned with all mounting holes and port cutouts on the bottom panel.
- **Case Panels Do Not Align:** Verify that the Arduino board is seated correctly and that no wires or

components are obstructing the closure of the top panel. Loosen screws slightly, realign, and retighten.

7. SPECIFICATIONS

Model Number	WPA506
Material	Acrylic
Color	Transparent
Dimensions (L x W x H)	79 x 65 x 21 mm
Weight	53 g
Compatibility	Arduino UNO R3

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Whadda website or contact your retailer. Keep your proof of purchase for any warranty claims.