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YATTICH YT-916

YATTICH Drywall Sander YT-916 User Manual

Model: YT-916

1. Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your YATTICH Drywall Sander YT-916. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury.

2. Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection, dust mask, non-skid safety shoes, hard hat, or hearing protection when appropriate. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Dust Collection:** Always use the dust collection system provided. Dust generated during sanding can be harmful.

3. Package Contents

Verify that all items are present upon unpacking:

- 1 x YATTICH Drywall Sander
- 12 x Sandpapers (80/100/120/150/180/240 grit, 2 of each)
- 1 x User Manual
- 1 x 6.5ft Dust Hose
- 1 x Dust Bag
- 1 x Carrying Bag
- 1 x Hexagonal Wrench
- 1 x Dual Hook Tension Spring

- 1 x Work Glove
- 1 x Screwdriver
- 2 x Carbon Brushes
- 4 x Gaskets
- 4 x Dust Rings



Image: YATTICH Drywall Sander with its complete set of accessories, including sanding discs, dust hose, and carrying bag.

4. Product Features and Components

Familiarize yourself with the main parts of the drywall sander:

- **750W High Power Motor:** Provides efficient sanding performance.
- **7-Level Variable Speed:** Adjustable from 800-1750 RPM for different sanding requirements.
- **Extendable Handle:** Aluminum alloy rod extends from 3.9ft to 5.5ft for reaching high areas.
- **Foldable Design:** Allows for compact storage and transport.
- **Vacuum Suction System:** Integrated dust hose and bag for up to 90% dust absorption.
- **Surrounding LED Light:** Double-deck LED strip lights illuminate the work surface, suitable for dimly lit environments.
- **Removable Grinding Corner:** Enables sanding in tight corners and edges.
- **Dual Hook Tension Spring:** Helps maintain the sanding head's vertical position for consistent contact.



Image: Labeled diagram highlighting key components such as the connection adapter, telescopic handle, variable speed control, lock-on switch, fold connection, suction force adjustment, and LED work light.

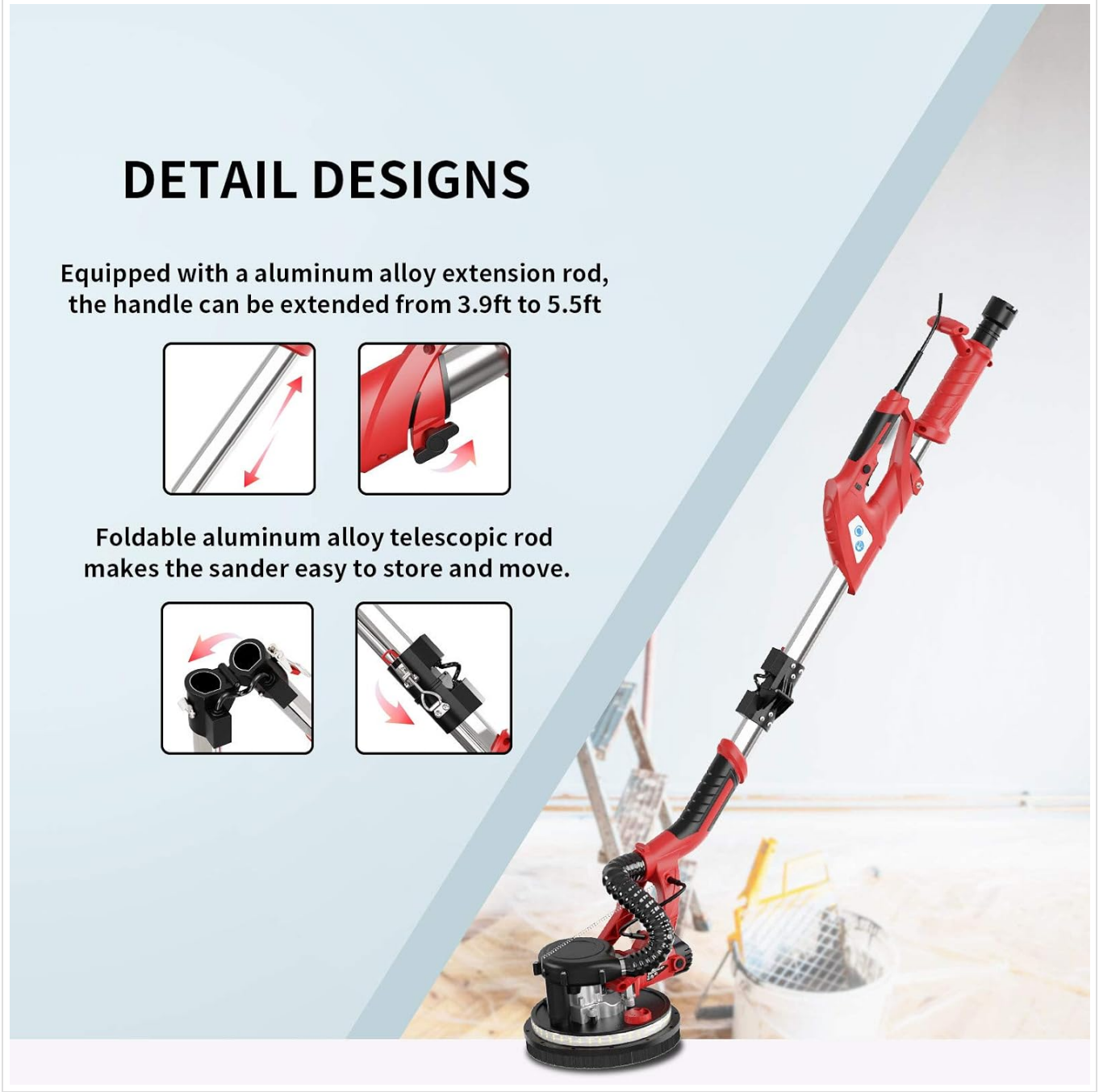


Image: Detailed view of the extendable aluminum alloy rod and the foldable connection mechanism for storage and transport.



Image: Close-up showing the LED strip lights around the sanding pad and the method for quickly replacing sandpaper discs.

5. Setup and Assembly

1. **Assemble the Handle:** Connect the extension rod sections. Ensure they are securely locked into place. The handle can be extended or folded using the designated locking mechanisms.
2. **Attach Dust Hose and Bag:** Connect the 6.5ft dust hose to the sander's dust port. Secure the other end of the hose to the dust bag. Ensure all connections are tight to maximize dust collection efficiency. For improved suction, consider using a reinforced vacuum hose if connecting to a shop vacuum.
3. **Install Sandpaper:** Select the appropriate grit sandpaper for your task. Align the holes on the sandpaper with the holes on the sanding pad. Press the sandpaper firmly onto the hook-and-loop backing of the sanding pad.
4. **Adjust Dual Hook Tension Spring:** Attach the dual hook tension spring to help stabilize the sanding head, especially when working on ceilings or uneven surfaces.

6. Operating Instructions

1. **Power Connection:** Plug the sander into a suitable 110V power outlet.
2. **Power On/Off:** Use the power switch located on the handle to turn the sander on or off. The lock-on switch can be engaged for continuous operation.
3. **Adjust Speed:** Use the 7-level variable speed dial to select the desired RPM (800-1750 RPM). Start with a lower speed for delicate work and increase as needed for faster material removal.
4. **Activate LED Light:** The surrounding LED light can be turned on or off via a switch on the sanding head, providing illumination for dark work areas.
5. **Sanding Technique:**
    - Hold the sander firmly with both hands.
    - Apply light, even pressure to the surface. Avoid pressing too hard, as this can reduce sanding efficiency and damage the surface or tool.
    - Move the sander in smooth, overlapping passes.
    - For corners, utilize the removable grinding corner feature by detaching the brush segment.
6. **Dust Management:** Ensure the dust hose and bag are properly connected and emptied regularly to maintain optimal dust collection.



Image: A person demonstrating the use of the YATTICH Drywall Sander to sand a ceiling, highlighting the extended reach.



Image: Close-up of the sanding head illustrating the removable grinding corner feature for accessing tight spaces and edges.

7. Maintenance

- **Cleaning:** After each use, unplug the sander and clean off any dust or debris from the tool, especially around the motor vents and sanding pad. Use a dry cloth or compressed air.
- **Sandpaper Replacement:** Replace worn sandpaper discs promptly to maintain sanding efficiency and prevent damage to the sanding pad.
- **Dust Bag/Hose:** Empty the dust bag regularly. Inspect the dust hose for blockages or damage. Clean as needed.
- **Carbon Brushes:** The motor uses carbon brushes, which wear down over time. Replace them when they are significantly worn to ensure optimal motor performance. Refer to the included screwdriver and carbon brushes for replacement.
- **Storage:** Store the sander in its carrying bag in a clean, dry place, out of reach of children.

8. Troubleshooting

Problem	Possible Cause	Solution
Sander does not turn on.	No power supply; faulty switch; worn carbon brushes.	Check power connection. Ensure switch is fully engaged. Inspect and replace carbon brushes if necessary.
Poor dust collection.	Dust bag full; hose blocked or damaged; loose connections; weak suction from hose.	Empty dust bag. Clear any blockages in the hose. Ensure all connections are tight. Consider using a reinforced hose if the included one collapses under vacuum.
Sander vibrates excessively.	Worn sandpaper; unbalanced sanding pad; loose components.	Replace sandpaper. Check if the sanding pad is securely attached and not damaged. Inspect for any loose screws or parts.
Motor overheats.	Overloading the tool; blocked ventilation; worn carbon brushes.	Reduce pressure during sanding. Clear ventilation openings. Replace carbon brushes. Allow the tool to cool down.

9. Specifications

Model Number	YT-916
Power	750W
Voltage	110 Volts
Amperage Capacity	12 Amps
Variable Speed	800-1750 RPM
Handle Extension	3.9ft to 5.5ft
Item Weight	6.53 kg
Material	Aluminum alloy (handle), various (overall pick)
Color	Red

10. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact YATTICH customer service directly. Keep your purchase receipt as proof of purchase.
Manufacturer: YT-916

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