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Jellas MS220-SD

JELLAS MS220-SD Delta Detail Sander User Manual

Model: MS220-SD

INTRODUCTION

Thank you for choosing the JELLAS MS220-SD Delta Detail Sander. This powerful and versatile tool is designed for efficient sanding in various applications, including intricate detail work. To ensure safe operation and optimal performance, please read this manual thoroughly before using the sander. Keep this manual for future reference.

IMPORTANT SAFETY INSTRUCTIONS

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

- **Work Area Safety:** Keep your 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. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, dust mask, non-skid safety shoes, and hearing protection when operating the sander. Dress properly; avoid loose clothing or jewelry.
- **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:** Ensure the dust collection system is properly attached and emptied regularly to minimize dust exposure.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x JELLAS MS220-SD Delta Detail Sander
- 1 x Detail Sanding Plate
- 1 x Finger Sanding Attachment

- 12 x Standard Detail Sandpapers (4 x P80, 4 x P120, 4 x P240 grits)
- 4 x Finger Sandpapers (2 x P80, 1 x P120, 1 x P240 grits)
- 1 x Dust Collection Box
- 1 x User Manual
- 1 x 24-Month Warranty Card



Image: JELLAS MS220-SD Delta Detail Sander with its various components and sandpaper accessories.

SETUP INSTRUCTIONS

1. Attaching Sandpaper

The sander uses a hook-and-loop system for quick sandpaper changes.

1. Ensure the sander is unplugged from the power source.
2. Align the holes on the sandpaper with the holes on the sanding pad.
3. Press the sandpaper firmly onto the sanding pad to ensure it adheres completely.



Image: Hands demonstrating the hook-and-loop attachment of sandpaper to the sander's base.

2. Attaching the Dust Collection Box

The dust collection box helps maintain a cleaner work environment.

1. Slide the dust collection box onto the designated port at the rear of the sander until it clicks securely into place.
2. Ensure it is firmly attached to prevent dust leakage during operation.



Image: Diagram showing the dust collection box and internal cooling system of the JELLAS Delta Sander.

3. Attaching the Detail Finger Attachment

For sanding in tight corners and hard-to-reach areas, use the detail finger attachment.

1. Ensure the sander is unplugged.
2. Remove the standard sanding plate if it is attached.
3. Securely attach the finger sanding attachment to the sander. Ensure any screws are tightened if applicable.
4. Attach the appropriate finger sandpaper to the attachment.



LED Light illuminate working area in the dark corners

Detail Finger Attachment

Can be interchanged to help sand hard to reach area

Image: Close-up view of the JELLAS Delta Sander with the detail finger attachment, highlighting its use for narrow spaces.

OPERATING INSTRUCTIONS

1. Powering On/Off

The sander is equipped with a dust-proof switch.

1. Plug the sander into a suitable power outlet (230 Volts).
2. To turn on, slide the power switch to the 'ON' position.
3. To turn off, slide the power switch to the 'OFF' position.

2. Sanding Technique

Proper technique ensures effective sanding and prolongs sandpaper life.

- Hold the sander firmly with both hands, utilizing the ergonomic rubber grip.
- Place the sanding pad flat against the workpiece.

- Move the sander in smooth, overlapping strokes.
- **Do not apply excessive pressure.** The weight of the tool is usually sufficient. Excessive pressure can reduce sanding efficiency, wear out sandpaper faster, and potentially damage the sanding pad. If more aggressive material removal is needed, use a coarser grit sandpaper (e.g., P80).
- For optimal results, keep the sanding plate parallel to the sanding surface, ensuring only the sandpaper makes contact with the workpiece.



Image: A person wearing gloves operating the JELLAS Delta Sander on a wooden table, demonstrating proper use.

3. Using the LED Light

The integrated LED light illuminates the working area, especially useful in dark corners or low-light conditions.

- The LED light activates automatically when the sander is powered on.
- Position the sander to best utilize the light for improved visibility of your workpiece.



LED Light illuminate working area in the dark corners

Detail Finger Attachment

Can be interchanged to help sand hard to reach area

Image: Close-up of the JELLAS Delta Sander showing the LED light illuminating a corner, indicating its utility for detailed work.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your sander.

1. Cleaning the Dust Collection Box

Empty the dust collection box frequently to maintain effective dust extraction.

1. Ensure the sander is unplugged.
2. Pull out the dust collection box from the sander.
3. Open the box and empty the collected dust.
4. Reattach the box securely to the sander.



Image: Visual guide demonstrating how to remove and open the dust collection box for cleaning.

2. Replacing Sandpaper

Replace sandpaper when it becomes worn or loses its abrasive quality.

1. Unplug the sander.
2. Peel off the old sandpaper from the sanding pad.
3. Attach new sandpaper as described in the Setup section.

3. General Cleaning and Inspection

- Periodically wipe down the exterior of the sander with a damp cloth. Do not use harsh chemicals.
- Inspect the power cord for any damage. If damaged, have it replaced by a qualified technician.
- Check the sanding pad for wear or damage. Replace if necessary.

TROUBLESHOOTING

Refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Sandpaper detaches from the sanding pad during use.	<ol style="list-style-type: none"> Excessive pressure applied during sanding. Sandpaper not firmly attached. Worn hook-and-loop flannel on sandpaper or sanding pad. 	<ol style="list-style-type: none"> Reduce pressure; let the tool do the work. Use coarser grit sandpaper (e.g., P80) for more aggressive removal. Ensure sandpaper is pressed firmly onto the pad during attachment. Replace sandpaper. If the sanding pad's hook-and-loop surface is worn, the pad may need replacement.
Screws on the detail finger attachment become loose after prolonged use.	High temperature generated during continuous use can cause screws to loosen.	Regularly check and tighten the screws on the detail finger attachment. Ensure the sanding plate is held parallel to the surface during operation.

TECHNICAL SPECIFICATIONS

Model Number	MS220-SD
Manufacturer	Jellas
Power	220 Watts
Voltage	230 Volts
No-Load Speed	13,000 RPM
Sound Level	Less than 75 dB
Cord Length	3 Meters
Sanding Pad Size	148 mm x 148 mm x 98 mm (Delta shape)
Eccentric Diameter	1.6 mm
Certification	CE, RoHS, Intertek GS
Item Weight	1.66 Kilograms

WARRANTY INFORMATION

Your JELLAS MS220-SD Delta Detail Sander comes with a **24-month warranty** from the date of purchase. Please refer to the included warranty card for detailed terms and conditions. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact JELLAS customer support through the retailer where you purchased the product or visit the official JELLAS website for contact information.

