

WINKHAUS GAK.1325-1

WINKHAUS GAK.1325-1 Constant Transmission Mechanism for Windows

User Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your WINKHAUS GAK.1325-1 Constant Transmission Mechanism. This component is designed for integration into window systems to facilitate smooth and secure operation. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of window hardware can be complex. It is highly recommended that this product be installed by a qualified professional to ensure correct function and safety.
- **Use Appropriate Tools:** Always use the correct tools for installation to prevent damage to the product or injury.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- **Check for Damage:** Before installation, inspect the product for any signs of damage. Do not install damaged components.
- **Secure Fasteners:** Ensure all screws and fasteners are tightened securely according to manufacturer specifications to prevent loosening during operation.

3. PACKAGE CONTENTS

- 1 x WINKHAUS GAK.1325-1 Constant Transmission Mechanism

4. SETUP AND INSTALLATION

The WINKHAUS GAK.1325-1 transmission mechanism is designed for specific window dimensions. Ensure

your window's sash rebate height (FFH) falls within the 1075-1325 mm range and the backset (DM) is 15.5 mm.



Figure 1: Overview of the WINKHAUS GAK.1325-1 Constant Transmission Mechanism. This image displays the full length of the silver-colored transmission bar with its central gear housing and multiple locking points.

4.1. Pre-Installation Checks

1. Verify the window sash dimensions (FFH and DM) match the product specifications.
2. Ensure the window frame and sash are clean and free from obstructions.
3. Gather all necessary tools, including screwdrivers, measuring tape, and any specific WINKHAUS installation tools if required.



Figure 2: Close-up view of the WINKHAUS GAK.1325-1 mechanism showing model number, FFH range (1075-1325), and backset (DM 15.5) markings. This detail is crucial for verifying product compatibility.

4.2. Installation Steps (General Guidance)

The following steps are general guidelines. Always refer to specific window system diagrams or consult a professional for precise installation instructions.

1. **Remove Old Hardware:** Carefully remove any existing transmission mechanism from the window sash.
2. **Position the Mechanism:** Place the WINKHAUS GAK.1325-1 mechanism into the designated channel within the window sash. Ensure the central gear housing aligns with the handle bore.

3. **Secure with Screws:** Fasten the mechanism to the sash using appropriate screws. Ensure screws are tightened firmly but do not overtighten.
4. **Install Handle:** Attach the window handle to the central gear housing, ensuring it engages correctly with the mechanism.
5. **Test Operation:** Before closing the window, operate the handle several times to ensure the transmission moves smoothly and all locking points extend and retract properly.
6. **Final Adjustment:** Make any necessary adjustments to ensure the window closes and locks securely without excessive force.



Figure 3: Angled view of the WINKHAUS GAK.1325-1 transmission mechanism, highlighting the various components and locking points along its length. This perspective helps in understanding the full assembly.

5. OPERATING INSTRUCTIONS

The WINKHAUS GAK.1325-1 Constant Transmission Mechanism is an internal component that facilitates the operation of your window. Once correctly installed, its function is integrated with the window handle.

- **Opening/Closing:** Rotate the window handle to engage or disengage the locking points, allowing the window to open or close.
- **Tilting (if applicable):** If your window system supports a tilt function, the mechanism will also control this movement via the handle.
- **Locking:** Ensure the handle is fully turned to the locked position to secure the window.

Always operate the window handle smoothly and without excessive force. If resistance is encountered, do not force the handle; investigate the cause.

6. MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your WINKHAUS transmission mechanism.

- **Cleaning:** Keep the visible parts of the mechanism and the window rebate clean from dust and debris. Use a soft, dry cloth. Avoid abrasive cleaners.
- **Lubrication:** Periodically (e.g., once a year), apply a small amount of non-acidic, resin-free lubricant to the moving parts of the mechanism, especially the locking points and the central gear. Consult a window professional for recommended lubricants.
- **Inspection:** Regularly inspect the mechanism for any signs of wear, damage, or loose screws. Address any issues promptly.

7. TROUBLESHOOTING

If you encounter issues with your window's operation, consider the following common troubleshooting steps:

- **Stiff Operation:** If the handle is stiff, check for debris in the mechanism or along the window rebate. Lubricate moving parts as described in the Maintenance section.
- **Window Not Closing/Locking Properly:** Ensure no obstructions are preventing the window from closing fully. Check if the locking points are misaligned with their strike plates. Adjustments may be required, which should ideally be performed by a professional.
- **Loose Handle:** Tighten the screws securing the window handle. If the handle itself is damaged, it may need replacement.
- **Unusual Noises:** Squeaking or grinding noises may indicate a need for lubrication or that parts are rubbing incorrectly. Inspect the mechanism for wear.

For persistent issues or complex problems, it is advisable to contact a qualified window technician.

8. SPECIFICATIONS

Manufacturer	WINKHAUS
Model	GAK.1325-1
Backset (DM)	15.5 mm
Sash Rebate Height (FFH) Range	1075-1325 mm
Color	Silver
Package Dimensions	113 x 3 x 1.5 cm
Package Weight	520 grams
Batteries Required	No
ASIN	B07794VZ1V

9. WARRANTY INFORMATION

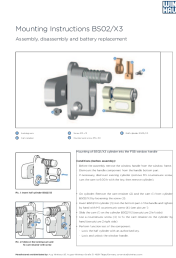
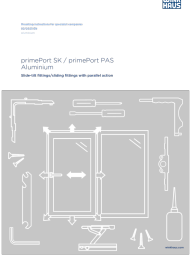

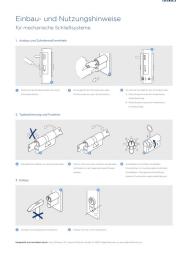
No specific warranty information is provided with this manual. Please refer to your purchase documentation or contact your WINKHAUS supplier for details regarding warranty coverage.



10. SUPPORT

For technical support, installation assistance, or further inquiries, please contact your WINKHAUS supplier or a qualified window professional. Ensure you have your product model number (GAK.1325-1) available when seeking support.

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Related Documents - GAK.1325-1

	<p>Winkhaus BS02/X3 Mounting Instructions: Assembly, Disassembly, and Battery Replacement</p> <p>Comprehensive guide detailing the assembly, disassembly, and battery replacement procedures for the Winkhaus BS02/X3 window handle cylinder. Includes step-by-step instructions and part identification.</p>
	<p>Winkhaus primePort SK/PAS Aluminium Mounting Instructions</p> <p>Comprehensive mounting, installation, and maintenance guide for Winkhaus primePort SK and primePort PAS Aluminium slide-tilt and sliding fittings with parallel action, designed for specialist companies.</p>
	<p>Winkhaus Door Locking System Installation Instructions</p> <p>Comprehensive installation instructions for the Winkhaus door locking system with a test device and display. Covers general information, safety advice, installation steps, operation, and disposal.</p>
	<p>Winkhaus Mechanical Locking Systems: Installation and Usage Guide</p> <p>Detailed instructions for installing and using Winkhaus mechanical profile cylinder locking systems. Covers removal, measurement, installation, and proper operation for security and longevity.</p>

	<p><u>Winkhaus activPilot Concept: Operating and Maintenance Manual for Window Professionals</u></p> <p>Comprehensive operating and maintenance manual for the Winkhaus activPilot Concept window fittings. Covers general instructions, safety advice, operation sequences, sash installation/removal, adjustment options, maintenance procedures, and required tools for window professionals.</p>
	<p><u>Winkhaus autoLock AV3/blueMatic EAV3 Security Door Locking System Installation and Maintenance</u></p> <p>Comprehensive installation, adjustment, and maintenance guide for the Winkhaus autoLock AV3 and blueMatic EAV3 security door locking systems. Includes instructions on secure transportation, fitting, contact pressure regulation, and cleaning.</p>