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> Kyocera (Old Ryobi) Professional Winch AWI62 685751A - 15m Wire Rope Instruction Manual

Kyocera AWI62

Kyocera (Old Ryobi) Professional Winch AWI62 685751A - Instruction Manual

Model: AWI62 | Brand: Kyocera

1. PRODUCT OVERVIEW

The Kyocera (formerly Ryobi) AWI62 685751A is a professional-grade, compact, and lightweight electric winch designed for lifting applications. It features a maximum lifting capacity of 60kg and comes equipped with a 4mm x 15m wire rope. Key safety features include a double brake system and mechanisms to prevent acceleration, twisting, and reverse winding. The integrated latch lock hook automatically secures loads once engaged.

荷揚げ作業を 安全に素早く

吊揚速度
46
cm/s



小型軽量タイプ

ウインチ
AWI62



ワイヤーロープ長で
選べる 3 仕様
15m/21m/31m

Image: The Kyocera AWI62 electric winch shown in a typical construction setting, actively lifting materials. This illustrates its compact design and operational use.

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Video: An introductory overview of the electric winch, highlighting its features and general functionality. This video provides a visual introduction to the product.

2. SAFETY INFORMATION

Always prioritize safety when operating the winch. Failure to follow safety guidelines can result in serious injury or equipment damage.

- **Read the Manual:** Thoroughly read and understand all instructions before installation and operation.
- **Load Capacity:** Never exceed the maximum lifting capacity of 60kg. Overloading can cause structural failure.
- **Secure Installation:** Ensure the winch is securely mounted to a stable structure capable of supporting the winch's weight plus the maximum load.
- **Inspect Wire Rope:** Before each use, inspect the wire rope for fraying, kinks, corrosion, or other damage. Replace

the wire rope if any damage is found.

- **Clear Area:** Keep the work area clear of personnel and obstructions during operation.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety helmets, gloves, and safety shoes.
- **Power Source:** Ensure the power source matches the winch's requirements (AC100V, 50/60Hz).
- **Emergency Stop:** Familiarize yourself with the location and operation of the emergency stop function.

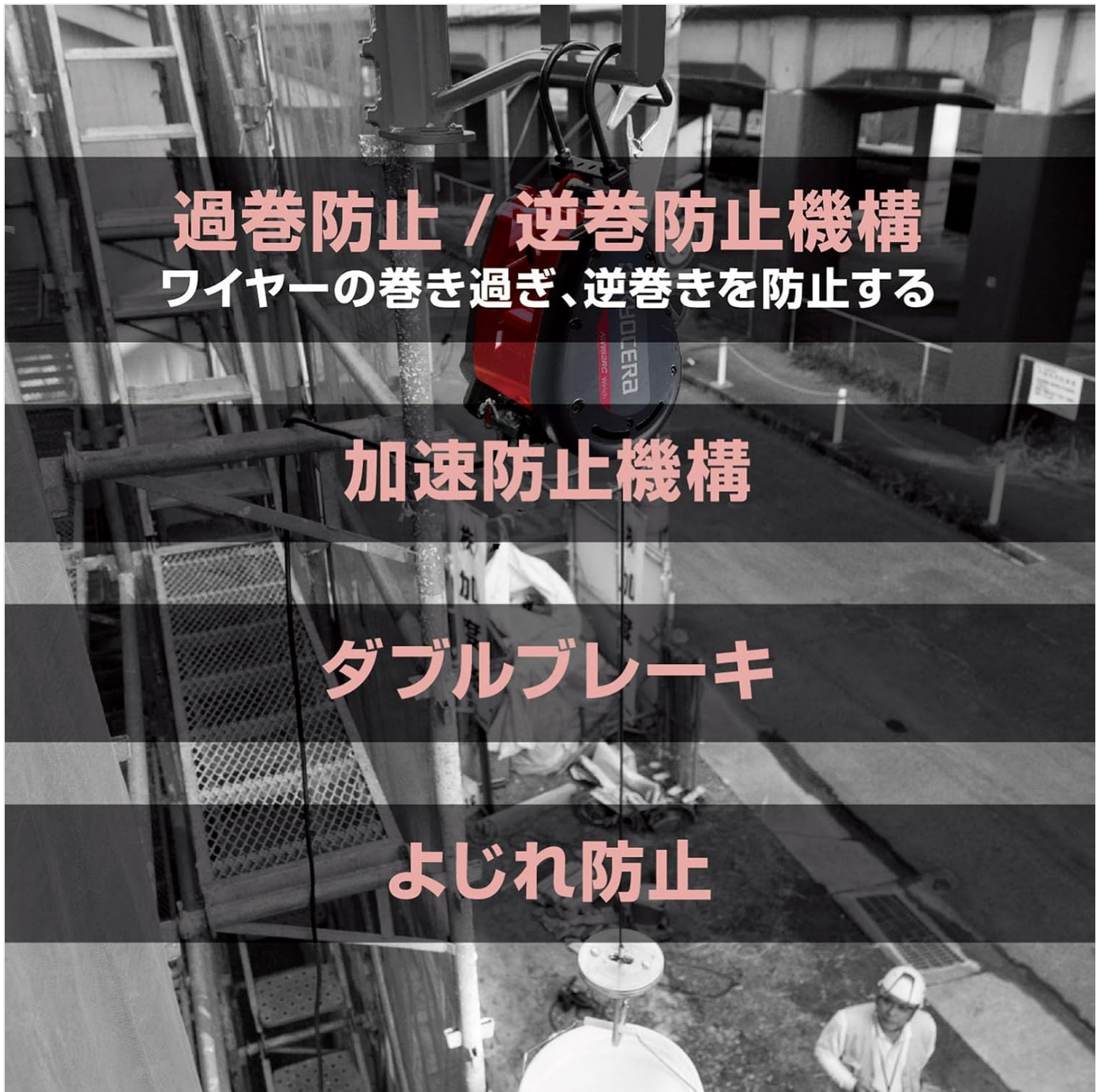


Image: This diagram highlights the integrated safety features of the winch, such as mechanisms to prevent over-winding, reverse winding, acceleration, and twisting, along with the double brake system.

3. SETUP AND INSTALLATION

Proper setup is essential for safe and efficient operation.

3.1 Unpacking and Inspection

- Carefully remove all components from the packaging.

- Verify that all accessories are present: operation switch (with 10m cord), pre-installed 4mm x 15m wire rope, and swivel hook.
- Inspect the winch and all components for any signs of shipping damage. Do not use if damaged.

3.2 Mounting the Winch

The winch is designed for hanging installation. Ensure the mounting point is structurally sound and can safely support the winch and its maximum load.

- Use appropriate fasteners and mounting hardware (not included) suitable for your specific installation environment.
- Mount the winch securely, ensuring it is level and stable.

3.3 Connecting the Operation Switch

The wired operation switch connects to the winch via a 10m cord.

- Connect the operation switch cord to the designated port on the winch.
- Ensure the connection is secure to prevent accidental disconnection during operation.

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Video: This video demonstrates the proper method for installing the electric winch and its initial usage. It covers mounting and basic setup procedures.

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Video: This video illustrates the installation process for the wired hand switch, detailing how to securely attach it to the winch for control.

3.4 Wireless Remote Control Pairing (If Applicable)

If your model includes a wireless remote control, follow these steps for pairing. Note: The standard model includes a wired operation switch.

Your browser does not support the video tag.

Video: This video demonstrates the pairing method for the wireless remote control, if your winch model is equipped with this feature.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your winch.

4.1 Pre-Operation Checks

- Confirm the winch is securely mounted.
- Inspect the wire rope and hook for any damage.
- Ensure the load does not exceed 60kg.
- Clear the lifting path of any obstacles or personnel.

4.2 Engaging the Latch Lock Hook



Image: A close-up view of the latch lock hook. To open the hook, press down on the lever. When a load is applied, the hook automatically closes and locks, ensuring secure attachment.

- To open the hook, press down on the lever.
- Attach the load securely to the hook.
- Once a load is applied, the hook will automatically close and lock, preventing accidental detachment.

4.3 Lifting and Lowering

- Use the UP/DOWN buttons on the operation switch to control the lifting and lowering of the load.
- Operate smoothly, avoiding sudden movements.
- Monitor the load and wire rope throughout the operation.
- The winch operates at a lifting speed of 46cm/s.

Your browser does not support the video tag.

Video: This operation video provides a visual guide on how to use the winch for lifting and lowering tasks, demonstrating the controls and typical usage scenarios.

Your browser does not support the video tag.

Video: This video demonstrates the operation of an electric winch, showcasing its lifting capabilities and control mechanisms.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your winch.

5.1 Wire Rope Inspection and Replacement

The wire rope is a critical component and must be inspected regularly. Replace the wire rope if it shows signs of wear, damage, or corrosion.

- Inspect the entire length of the wire rope for broken strands, kinks, crushing, birdcaging, or any significant deformation.
- Check for signs of corrosion or excessive wear.
- If more than 10% of the wire strands are broken in any section, or if the rope is significantly deformed or corroded, replacement is necessary.

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Video: This video demonstrates the procedure for replacing the wire rope on the winch. It is crucial to follow these steps carefully to ensure proper installation and safe operation.

5.2 General Cleaning and Lubrication

- Keep the winch clean and free from dirt, debris, and moisture.
- Periodically lubricate moving parts as recommended in the full manual (if available).

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

6.1 Winch Not Operating

- **Check Power:** Ensure the winch is properly connected to a functioning power outlet (AC100V).
- **Operation Switch:** Verify the operation switch cord is securely connected and the switch itself is not damaged.
- **Overload Protection:** The winch may have an overload protection mechanism. If overloaded, allow it to cool down before attempting operation again.

6.2 Wire Rope Issues

- **Tangled/Uneven Winding:** Ensure the wire rope is winding evenly onto the drum. Uneven winding can cause tangles or damage.
- **Damaged Rope:** If the wire rope is damaged (frayed, kinked), it must be replaced immediately. Refer to the "Wire Rope Replacement" section.

Your browser does not support the video tag.

Video: This video addresses frequently asked questions regarding the use of electric winches, offering solutions to common operational concerns and potential issues.

For issues not covered here, please contact customer support.

7. SPECIFICATIONS

Brand	Kyocera (formerly Ryobi)
Model Number	AWI62 (685751A)
Maximum Lifting Capacity	60 kg
Lifting Height	14 m (with 15m wire rope specification)
Lifting Speed	46 cm/s
Power Source	Single phase AC100V (50/60Hz)
Rated Current	6.0 A
Power Consumption	550 W
Body Weight	9.7 kg
Power Cord Length	5 m
Dimensions (D x W x H)	20.5 x 25 x 36 cm
Materials	Aluminum, Polyvinyl Chloride (PVC), Iron
Included Accessories	Operation switch (10m cord), Wire rope (4mm x 15m, pre-installed), Swivel hook (pre-installed)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product comes with a **1-year warranty** from the date of purchase. The warranty covers defects in materials and workmanship under normal use. Please ensure the product is used according to its intended purpose as outlined in this manual. Misuse or unauthorized modifications will void the warranty.

8.2 Customer Support

For technical assistance, parts, or warranty claims, please contact Kyocera customer support. Refer to your purchase documentation for specific contact details or visit the official Kyocera website.

Kyocera Official Website: www.kyocera.co.jp

