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› [X-BULL](#) /

› X-BULL Electric Winch 13000 lb. User Manual

X-BULL USAM-XBEW014

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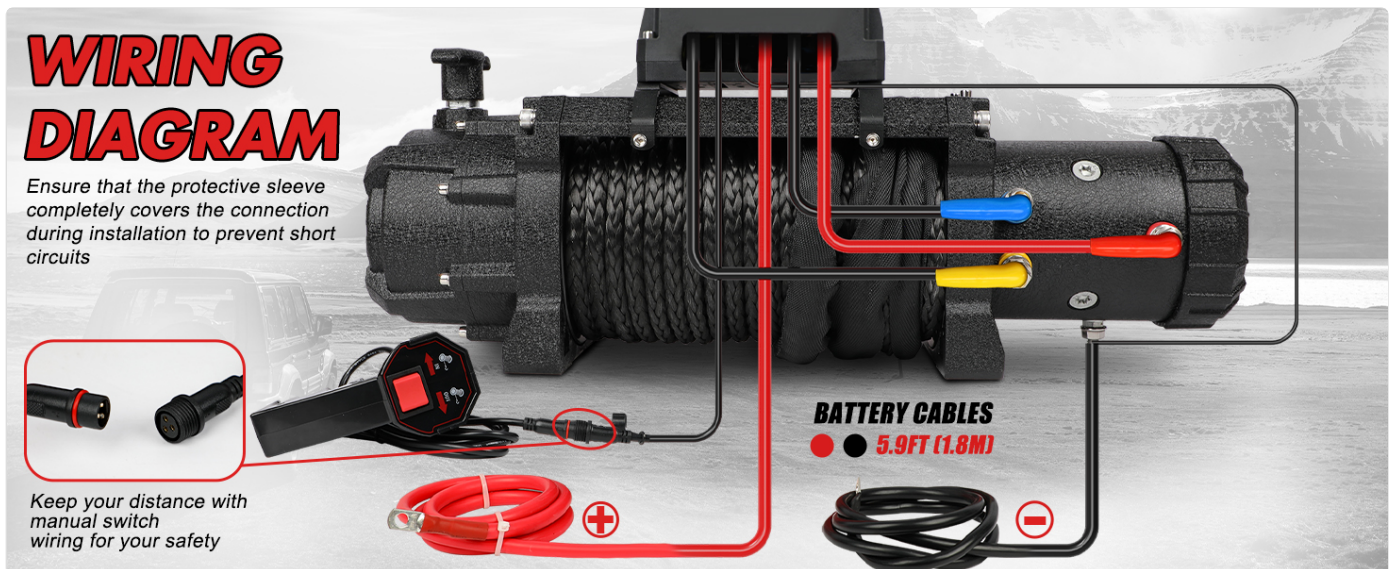
Model: USAM-XBEW014

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, installation, and maintenance of your X-BULL Electric Winch 13000 lb. with Synthetic Rope. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.



The X-BULL 13000 lb. electric winch, featuring synthetic rope, a hawse fairlead, and both wired and wireless remote control options.



Overview of the X-BULL 13000 lb. winch's key features, including its remote control capabilities, 218:1 gear ratio, 0.4" x 79' synthetic rope, spring-loaded safety latch, 13000 lbs load capacity, no-load speed of 30.5 ft/min, full-load speed of 4.9 ft/min, and IP68 waterproof rating.

2. SAFETY INFORMATION

Operating a winch can be hazardous. Adhere to all safety precautions to prevent serious injury or property damage.

- **Read the Manual:** Understand all instructions and warnings before use.
- **Wear Protective Gear:** Always wear heavy-duty gloves, eye protection, and sturdy footwear.
- **Inspect Winch:** Before each use, inspect the winch, rope, hook, and all connections for damage or wear. Do not use if damaged.
- **Maintain Safe Distance:** Keep hands, hair, clothing, and jewelry clear of the rope, fairlead, and drum during operation. Stand clear of the winch and cable during winching operations.
- **Never Overload:** Do not exceed the rated load capacity of 13,000 lbs.
- **Secure Vehicle:** Ensure the vehicle is securely braked and chocked before winching.
- **Use a Tree Saver:** When anchoring to a tree, always use a tree saver strap to protect the tree and the winch rope.
- **Avoid Shock Loads:** Apply power smoothly. Avoid sudden jerking or shock loads on the winch rope.
- **Keep Rope Under Tension:** Always keep at least five wraps of rope on the winch drum to prevent the rope from detaching.
- **Disconnect Power:** Disconnect the winch from the power source when not in use or during maintenance.
- **IP68 Rating:** While IP68 rated for water and dust resistance, avoid prolonged submersion or high-pressure washing directly on seals.

3. PACKAGE CONTENTS

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

- X-BULL Electric Winch (13000 lb.)
- Synthetic Rope (79 ft)
- Hawse Fairlead
- Wired Remote Control
- Wireless Remote Control System (Receiver and Remote)
- Control Box

- Control Box Holder
- Mounting Plate
- Hook with Safety Latch
- Instruction Manual

PACKAGE INCLUDE



INSTRUCTION MANUAL



FAIRLEAD



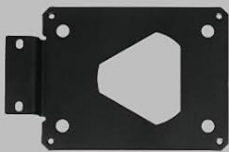
WIRELESS CONTROL SYSTEM



HOOK



CONTROL BOX HOLDER



MOUNTING PLATE



WIRED REMOTE

All components included in the X-BULL 13000 lb. winch package, including the winch unit, instruction manual, hawse fairlead, wireless control system, hook, control box holder, mounting plate, and wired remote.

4. SPECIFICATIONS

Feature	Specification
Model Number	USAM-XBEW014
Rated Line Pull	13,000 lbs (5897 kg)

Feature	Specification
Motor	6.0 HP / 4.5 kW Sealed Series Wound
Gear Train	3-Stage Planetary
Gear Ratio	218:1
Rope Type	Synthetic Rope
Rope Dimensions	0.4 inches x 79 feet (10 mm x 24 m)
Fairlead	Hawse Fairlead
Control	Wired Remote (9.8 ft cable), Wireless Remote (100 ft range)
Waterproof Rating	IP68
Winch Dimensions (L x W x H)	21.65" x 6.1" x 7.3" (540 x 158 x 187 mm)
Product Dimensions (Overall)	20.8 x 4.7 x 9.8 inches
Item Weight	62.5 pounds
Voltage	12V



Detailed dimensions of the X-BULL 13000 lb. winch unit and its hawse fairlead, providing measurements for installation planning.



A close-up view of the X-BULL 13000 lb. winch motor, emphasizing its 6.0HP/4.5KW sealed series wound construction for powerful and reliable performance.



ADVANCED GEAR SYSTEM

Gear Ratio 218:1

Layer	Rated Line Pull	Wire Rope Capacity
1	13000 lb. (5897kg.)	15.7' (4.8m)
2	10400 lb. (4717kg.)	39.4' (12m)
3	8670 lb. (3932kg.)	64' (19.5m)
4	7410 lb. (3362kg.)	24' (7.8m)

First Layer of Wire Rope Performance			
	Line Pull lb. (kg.)	Line Speed fpm (mpm)	Amp Draw (@ 12V)
1	0	30.5 (9.3)	60
	4000 (1816)	13.4 (3.6)	220
	9000 (4087)	10.2 (2.4)	310
	13000 (6130)	4.9 (1.5)	390

A table illustrating the advanced gear system of the X-BULL 13000 lb. winch, showing rated line pull and wire rope capacity across different layers, along with line speed and amp draw performance at various loads.



The X-BULL 13000 lb. winch demonstrating its IP68 waterproof construction, designed to withstand water, dust, and dirt in challenging environments.

5. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your winch. If you are unsure about any step, consult a qualified professional.

5.1 Mounting the Winch

The winch should be securely mounted to a structurally sound part of your vehicle, typically a winch-compatible bumper or mounting plate. Ensure the mounting surface can support the full rated load of the winch.

5.2 Control Box Installation

The versatile control box offers multiple mounting options to suit various vehicle types and preferences. Use the included mounting plate and brackets to secure the control box in a location that allows for easy access and protects it from potential damage.

MULTIPLE MOUNTING OPTIONS

Ensuring a Perfect Fit For Various Off-Road Vehicles While Maintaining a Sleek, Cohesive Look



Four different mounting configurations for the X-BULL winch and its control box, demonstrating flexibility for various vehicle setups. The image also shows the included mounting plate and brackets.

5.3 Wiring Diagram

Follow the wiring diagram carefully to connect the winch to your vehicle's 12V battery. Ensure all connections are tight and protected from environmental elements. Use the provided protective sleeves to cover connections to prevent short circuits.

- Connect the **red (+)** battery cable to the positive terminal of your vehicle's battery.
- Connect the **black (-)** battery cable to the negative terminal of your vehicle's battery.
- Connect the control box to the winch motor terminals as indicated in the diagram.
- Ensure the protective sleeve completely covers the connection during installation to prevent short circuits.



A detailed wiring diagram for the X-BULL winch, illustrating the correct connections for the control box, battery cables (red for positive, black for negative), and the wired remote control.

6. OPERATING INSTRUCTIONS

Your X-BULL winch offers both wired and wireless control options for flexible and safe operation.

6.1 Pre-Operation Checklist

- Ensure the vehicle is stable and secured.
- Inspect the winch rope, hook, and fairlead for any damage.
- Confirm the battery is fully charged and connections are secure.
- Clear the winching area of bystanders and obstacles.

6.2 Wired Remote Operation

The wired remote control features an extended cable, allowing you to stand at a safe distance from the winch during operation. Connect the wired remote to the designated port on the control box. Use the 'IN' button to reel in the rope and the 'OUT' button to pay out the rope.

6.3 Wireless Remote Operation

The wireless remote provides convenience and an impressive 100 ft range, enabling control from a greater distance. Ensure the wireless receiver is properly connected to the control box. Use the corresponding buttons on the wireless remote to control the 'IN' and 'OUT' functions of the winch.



Both the wired remote control, with its extended cable for safe operation, and the wireless remote control, offering a 100 ft range for increased flexibility, are shown for the X-BULL winch.

6.4 Winching Procedure

1. **Prepare the Anchor Point:** Select a strong, stable anchor point (e.g., another vehicle, a tree using a tree saver strap, or a rock).
2. **Unspool Rope:** Disengage the clutch and manually pull out enough rope to reach the anchor point.
3. **Attach Hook:** Securely attach the hook to the anchor point. Ensure the safety latch is closed.
4. **Engage Clutch:** Re-engage the clutch.
5. **Apply Tension:** Use the remote control to slowly reel in the rope until there is slight tension.
6. **Begin Recovery:** Operate the winch in short, controlled pulls. Monitor the rope, anchor point, and vehicle being recovered.
7. **Spool Rope Evenly:** Guide the rope onto the drum as evenly as possible to prevent damage to the rope and winch.
8. **Complete Recovery:** Once the recovery is complete, release tension, disconnect the hook, and carefully respool the rope.

7. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your X-BULL winch.

- **Rope Inspection:** Regularly inspect the synthetic rope for frays, cuts, or excessive wear. Replace the rope if any damage is found.
- **Cleanliness:** Keep the winch and control box clean from mud, dirt, and debris. Use a damp cloth to wipe down surfaces.
- **Electrical Connections:** Periodically check all electrical connections for corrosion or looseness. Clean and tighten as necessary.
- **Lubrication:** Consult a professional for internal lubrication if required. The gearbox is factory-sealed.
- **Storage:** When not in use, store the winch in a dry, protected environment. Consider using a winch cover to shield it from UV exposure and elements.

8. TROUBLESHOOTING

If you encounter issues with your winch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Winch does not operate	No power to winch; Loose electrical connections; Faulty remote control; Overload protection activated.	Check battery voltage and connections; Ensure remote is functioning (check batteries for wireless); Allow winch to cool down if overloaded.
Winch operates slowly or with reduced power	Low battery voltage; Undersized wiring; Excessive load.	Charge battery; Verify wiring gauge is appropriate; Reduce load or use a snatch block.
Winch motor runs but rope does not move	Clutch disengaged; Damaged gearbox.	Engage clutch; Contact support for gearbox inspection.
Remote control not working	Wireless remote batteries dead; Wired remote cable damaged; Receiver issue.	Replace batteries in wireless remote; Inspect wired remote cable for damage; Check receiver connections.

If the problem persists after attempting these solutions, contact X-BULL customer support.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The X-BULL Electric Winch 13000 lb. comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. It does not cover damage resulting from misuse, neglect, improper installation, accidents, or unauthorized modifications.

Keep your purchase receipt as proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your X-BULL winch, please contact X-BULL customer service. You can typically find contact information on the official X-BULL website or through your original point of purchase.

When contacting support, please have your model number (USAM-XBEW014) and purchase details ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question