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> X-BULL 6000LBS IP68 Waterproof Electric Winch User Manual

X-BULL USAM-XBEW022

X-BULL 6000LBS IP68 Waterproof Electric Winch User Manual

Model: USAM-XBEW022

1. INTRODUCTION

This manual provides essential information for the safe and effective operation and maintenance of your X-BULL 6000LBS IP68 Waterproof Electric Winch. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

The X-BULL 2S series 6000lbs winch is designed for robust performance in demanding off-road and towing applications. It features advanced waterproofing, a powerful drive system, and versatile control options.



Figure 1: X-BULL 6000LBS Electric Winch with included accessories.

2. KEY FEATURES

- **Dexterity Control:** The X-BULL 2S series 6000lbs winch offers unmatched control flexibility with its wired (4.2ft long) and newly designed wireless remote controllers (100ft range). Whether you prefer the precision of wired control or the convenience of wireless operation, this winch provides the best of both worlds. To ensure stable power output, the winch is supplied with two 5.9-foot cables and two 5.9-foot cables.
- **Upgraded Waterproofing:** Entire winch unit is rated IP68 waterproof, The highest level of protection, featuring OEM-grade O-ring rubber gaskets. This new sealing delivers a longer service life and meets the most stringent IP68 submersion testing. Make your winch easy for all types of environments.
- **Powerful Drive System:** Equipped with a robust 12VDC 1.3 HP motor, the X-BULL 2S winch delivers impressive power. It achieves a full-load line speed of 2.9 feet per minute and an impressive no-load speed of 19.7 feet per minute with an enhanced 210:1 gear ratio, it guarantees dependable strength for the most demanding tasks.
- **Convenient Accessories:** This winch comes with a fairlead and mounting bracket, making installation straightforward and hassle-free. And the longer battery cables (two 2.95-foot cables and two 5.9-foot cables) provide greater flexibility in positioning the winch, thanks to these included accessories that enhance ease of use and functionality.
- **3-Stage Planetary Gear System and Clutch System:** The combination of a 3-stage planetary gear system and an upgraded clutch provides extreme power and reliability. While delivering optimal performance, this system ensures your winch operates smoothly and safely, offering you peace of mind during demanding off-road.

WATERPROOF CONSTRUCTION

IP68

Entire winch unit is rated IP68 waterproof, The highest level of protection, featuring OEM-grade O-ring rubber gaskets. This new sealing delivers a longer service life and meets the most stringent IP68 submersion testing.

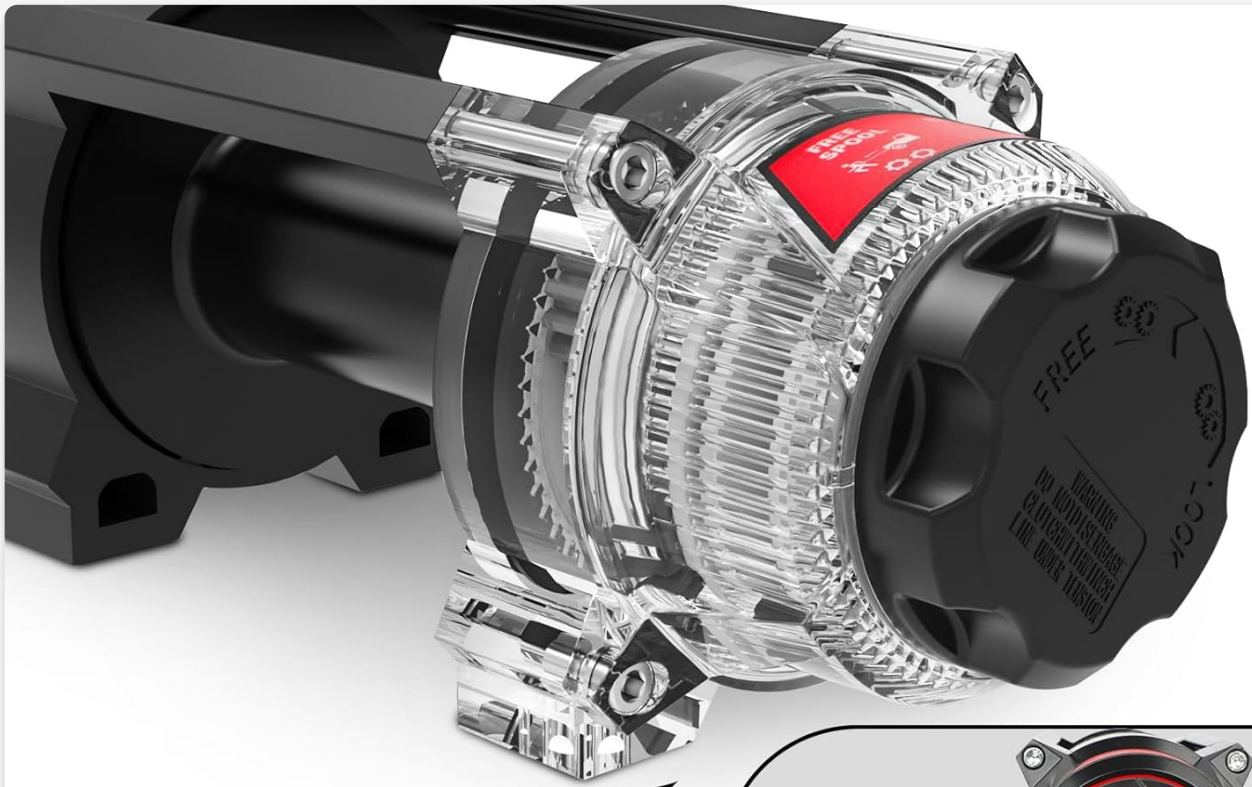


Figure 2: The winch unit is IP68 waterproof, designed for harsh environments.

PULL POWER **6000LB** PULLING **1.3HP** & **12V** DC MOTOR



Figure 3: Powerful 1.3 HP motor and efficient line speeds.



210:1
• **SINGLE-STAGE**

**PLANETARY GEAR
HIGH EFFICIENCY**



Figure 4: High-efficiency 3-stage planetary gear system.

3. INSTALLATION AND SETUP

Proper installation is crucial for the safe and effective operation of your X-BULL winch. Ensure all components are securely fastened and wiring is correctly connected.

3.1 Components Overview



Figure 5: Winch dimensions and included accessories for installation.

3.2 Wiring Diagram

Follow the diagram below for correct electrical connections. Ensure the ignition wire is connected to the positive battery terminal or switch wire.

WINCH WIRING DIAGRAM

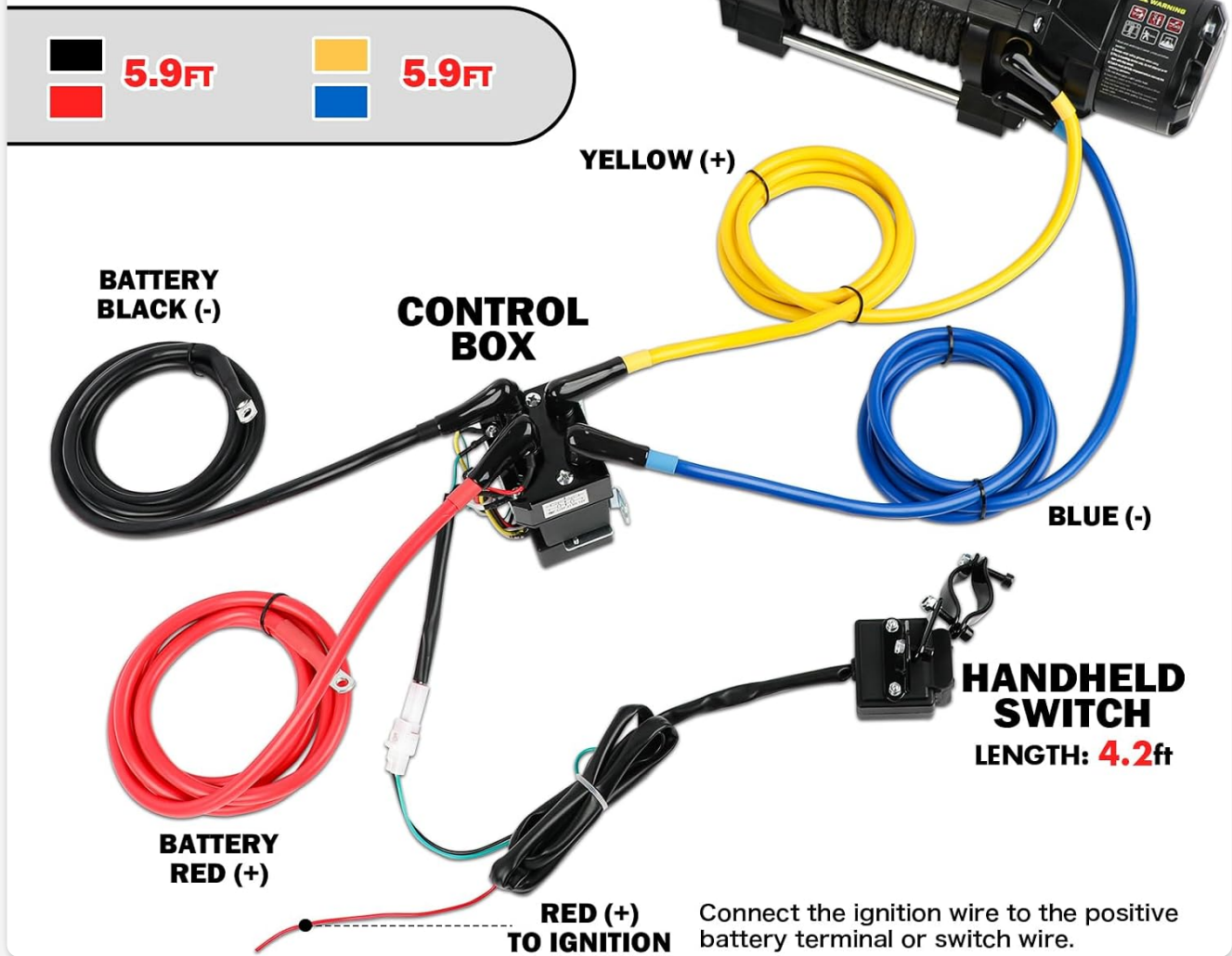


Figure 6: Detailed wiring diagram for the X-BULL Electric Winch.

4. OPERATING INSTRUCTIONS

The X-BULL winch offers both wired and wireless control options for versatile operation.

4.1 Control Options

CORDED AND WIRELESS CONTROL OPTIONS

Includes a corded remote with 4.2ft long,
and the receiver for 100ft + range of wireless control



Figure 7: Wired and wireless remote controls for flexible operation.

4.2 Winch Operation in Action

Observe the winch in various off-road recovery scenarios to understand its capabilities and proper usage.

Your browser does not support the video tag.

Video 1: "Gear up for your next adventure with X-BULL" - This video demonstrates the X-BULL winch in action during various off-road recovery situations, showcasing its power and reliability in challenging terrains.

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Video 2: "Adventure seekers, gear up!" - This video highlights the robust features of the X-BULL winch, including its synthetic rope and ease of use for off-road enthusiasts, demonstrating its utility in diverse recovery scenarios.

5. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your winch. After each use, especially in wet or muddy conditions, clean the winch thoroughly to prevent corrosion and buildup.

- Inspect the synthetic rope for fraying, cuts, or damage. Replace if necessary.
- Check all electrical connections for corrosion or looseness. Clean and tighten as needed.
- Ensure the clutch mechanism operates smoothly.
- Lubricate moving parts as recommended by the manufacturer (refer to specific product documentation if available).
- Store the winch in a dry environment when not in use.

6. TROUBLESHOOTING

If you encounter issues with your X-BULL winch, refer to the common troubleshooting steps below. For problems not listed, contact customer support.

Problem	Possible Cause	Solution
Winch does not operate	No power to winch; Loose electrical connections; Remote control battery dead.	Check battery connections and vehicle battery charge; Tighten all connections; Replace remote control battery.
Winch operates slowly or with reduced power	Low battery voltage; Overload; Motor overheating.	Charge vehicle battery; Reduce load; Allow motor to cool down.
Rope is tangled or unevenly spooled	Improper spooling during previous use.	Carefully unspool and re-spool the rope under light tension.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	X-BULL
Part Number	USAM-XBEW005
Item Weight	29.2 pounds
Product Dimensions	17.5 x 10.4 x 11.2 inches
Country of Origin	China
Item Model Number	USAM-XBEW022
Size	6000lbs-IP68
Color	Black
Included Components	1 x Mounting Plate, 1 x 6000lbs Winch with Synthetic Rope

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact X-BULL customer service. Keep your purchase receipt and product model number handy for faster service.

Visit the official X-BULL store for more information: [X-BULL Store](#)

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