



XINDALI
— Since 1997 —

Product manual

XDL20-XCD

Mini Truck Tailboard Power Control Box

-  Waterproof IP65 •  Alarm •  With Lock Latch •  Optional wireless controlling module



XINDALI INDUSTRIES CO., LTD.

1. Figure



Physical image

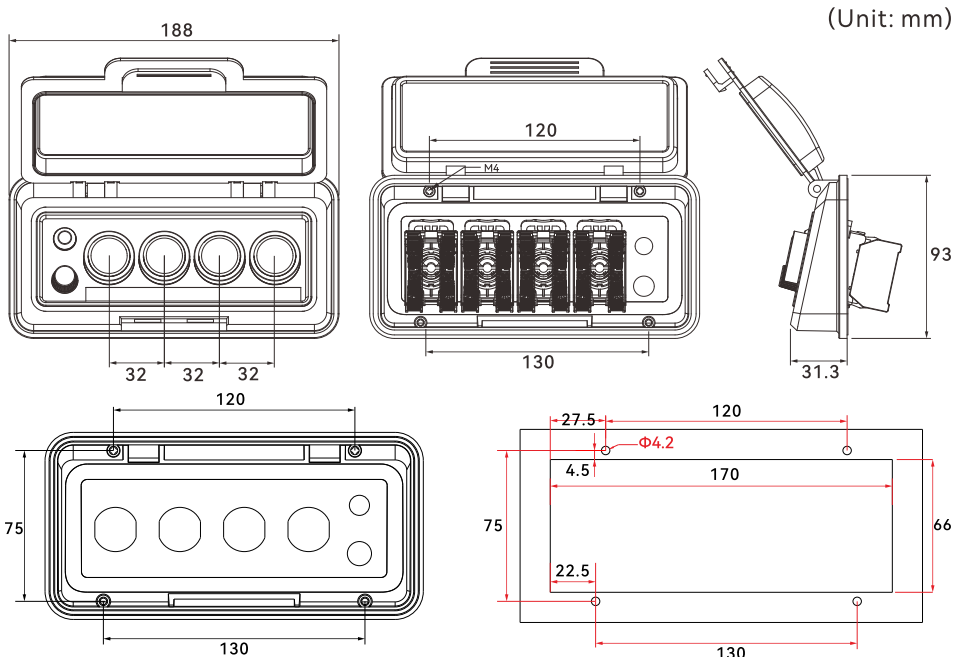
2. Model and Meaning

No.	Optional category	Optional model
1	3-button power control box (with external wiring)	XDL20-XCD-3M
2	4-button power control box (with external wiring)	XDL20-XCD-4M
3	3-button electrical control box + 3- button handle control box (mechanical)	XDL20-XCD-31M
4	4-button electrical control box + 4- button handle control box (mechanical)	XDL20-XCD-41M
5	3-button electrical control box + 3-button handle control box (PCB)	XDL20-XCD-32M
6	4-button electrical control box + 4-button handle control box (PCB)	XDL20-XCD-42M
7	3-button electrical control box + 3- button wireless remote control	XDL20-XCD-33M
8	4- button electrical control box + 4- button wireless remote control	XDL20-XCD-43M
9	3- button electrical control box + 3- button handle control box + 3- button wireless remote control	XDL20-XCD-34M
10	3- button electrical control box + 4- button handle control box + 4- button wireless remote control	XDL20-XCD-44M

3. Technical Parameters

Housing material	Upper cover PC, Base housing ABS
Protection level	IP65
Operational Power Supply	Ue:DC12V~24V Ie:5A
Power consumption	< 5W
Cable length/diameter	1.6 meters for power unit signal cable, 1.5 meters for limit switch signal cable, Handle control box signal cable 0.6m (customizable)/0.75mm ²
Operating temperature range	-25°C~+55°C
Operating humidity range	< 90%RH
air pressure	86~106KPa
Product weight	3 holes/4 holes 1kg

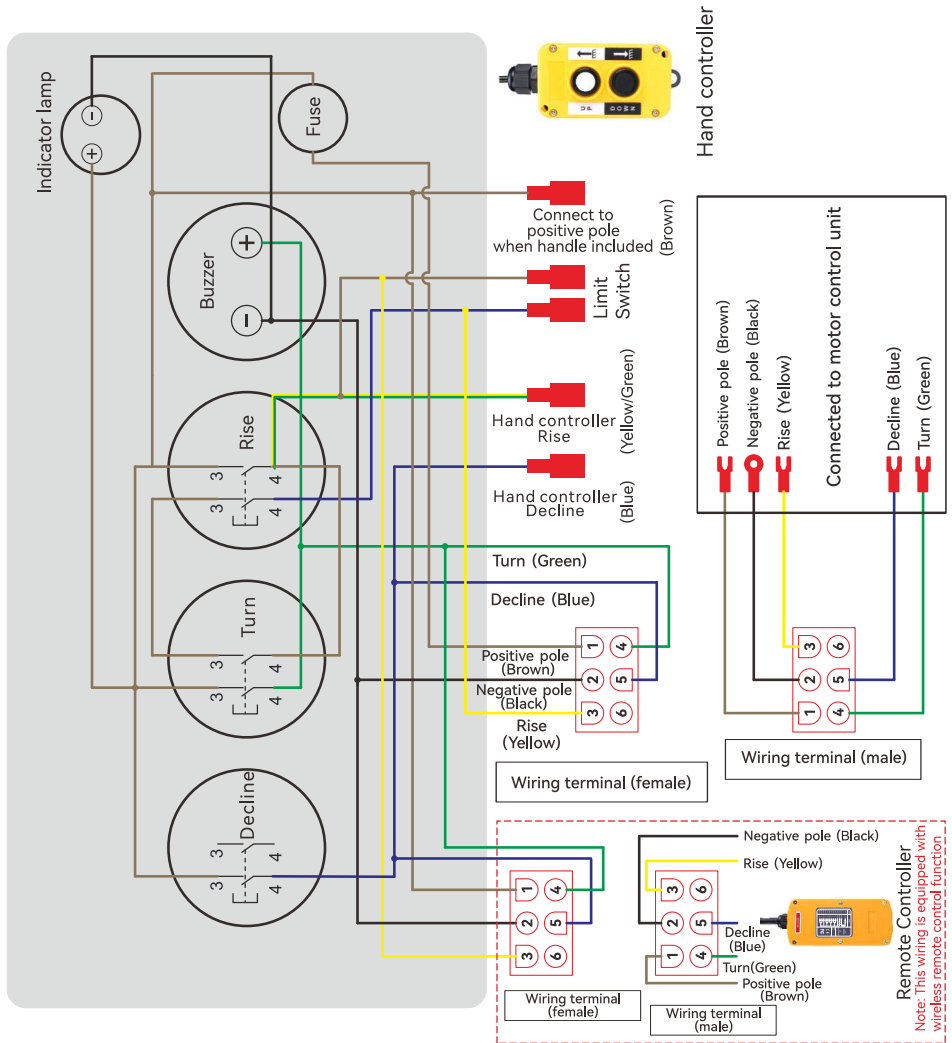
4. Dimensions



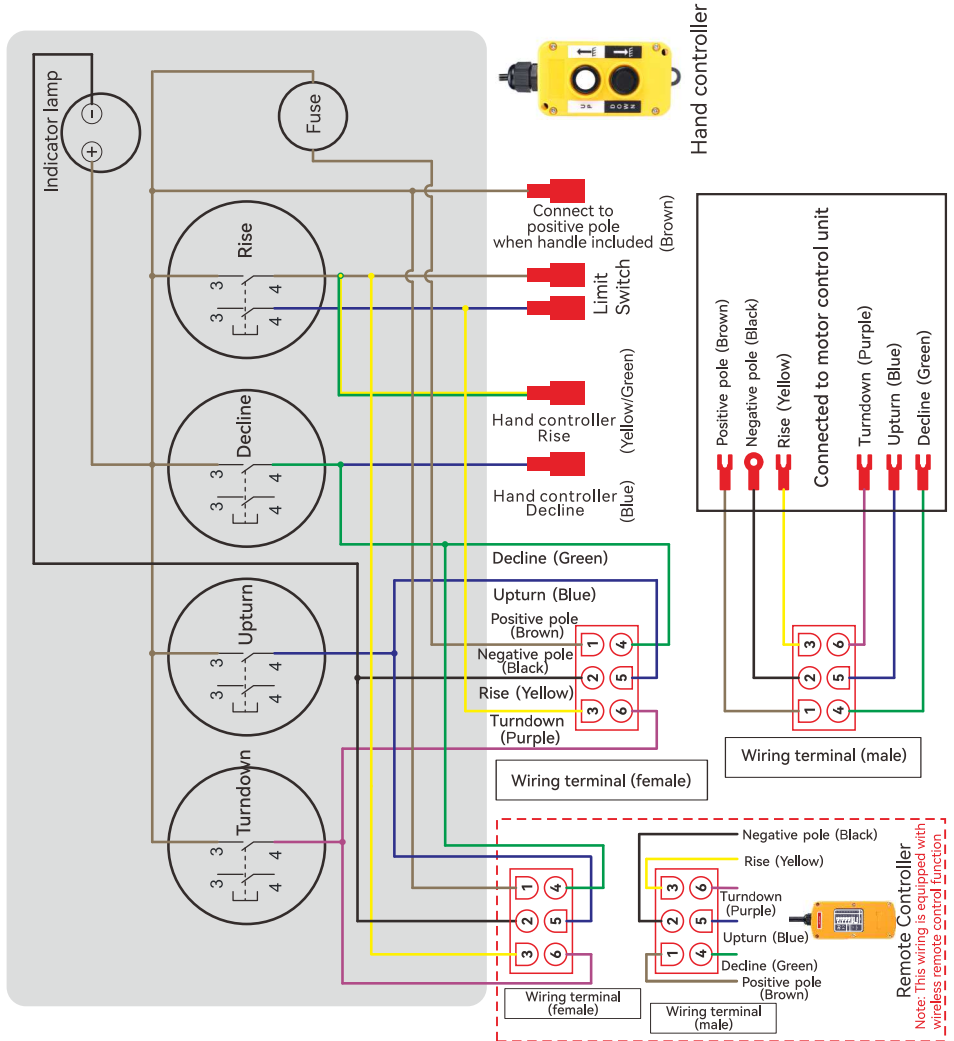
Panel installation dimensions

5.Internal wiring diagram

3-button wiring diagram



4-button wiring diagram



6. Operation Instructions

6.1 Three-Buttons Power Control Box

- 6.1.1 Tail plate raise operation: press the “rise” button.
- 6.1.2 Tail plate lowering operation: press the “Decline” button.
- 6.1.3 Tail plate flip up operation: Simultaneously press “Rise” and “Turn” buttons.
- 6.1.4 Tail plate flip down operation: Simultaneously press “Decline” and “Turn” buttons.
- 6.1.5 After use please turn off the power switch and close the control box cover.

6.2 Four-Buttons Power Control Box

- 6.2.1 Tail plate raise operation: press the “Rise” button.
- 6.2.2 Tail plate lowering operation: press the “Decline” button.
- 6.2.3 Tail plate flip up operation: press the “Upturn” button.
- 6.2.4 Tail plate flip down operation: press the “Turndown” button.
- 6.2.5 After use please turn off the power switch and close the control box cover.

7. Warranty Instructions

7.1 Quality Assurance

Xindali guarantees that the product fully complies with the specifications announced before delivery. Proper installation ensures normal operation. However, Xindali does not guarantee that the operation of this product is without interruptions or zero errors.

7.2 Warranty Period

Xindali provides a two-year warranty from the date of delivery, ensuring that customers will not have any product problems within two years. If there is any proof of product quality defects during the warranty period, Xindali is willing to repair it. Any in-warranty defective product will be sent to the designated maintenance point for repair and the one-way freight to the maintenance point is at customer expense, and the freight to the customer is at Xindali expense.

7.3 Exception

The above warranty scope does not include damage caused by consumable parts such as casings, fuses, screws, limit switches, button switches, indicator lights, or installation errors, and does not include faults caused by improper use by customers, force majeure, natural disasters, insufficient maintenance, neglect of operating environment specifications, unauthorized changes, incorrect use, or disassembly and structural changes by customers.

Remarks:

- ※※ The above warranty matters have no other express or implied warranty matters.
- ※※ The compensation provided by the warranty is the only compensation for the customer, and our company is not responsible for any direct, indirect, special, accidental or causal damages.

8. Attentions

8.1 General Attentions:

- Only personnel trained in handling such equipment should attempt to disassemble the machine to avoid damage and potential harm.
- This manual is for reference by the using entity; detailed technical issues should be consulted with the manufacturer.
- The machine undergoes rigorous testing before delivery, but should not be used in situations under potential danger or possible losses.
- After use, the power switch should be turned off, and the cover of control box closed.
- If the control box is not used for an extended period, it should be locked to prevent unauthorized operation.
- Cease operation in the event of lightning or interference.
- Warning: Do not operate in conditions where there is water inside to prevent damage to internal circuit boards.
- Turn off the battery power supply and control box power during installation or maintenance.
- The manufacturer reserves the right to modify the content of this manual without prior notice.

8.2 Operator Precautions:

- Users must undergo comprehensive training to familiarize themselves with the operation.
- Users must be in good health, mentally alert, and able to identify and judge the safety of operations.
- Operators should pay attention to the indicator lights on the control box. If the power indicator light is not on, there may be abnormal or faulty conditions, and it should be immediately stopped.
- Stop operation immediately once serious interference is detected with the equipment.
- Before use, please carefully note the handling of the following emergency situations.

8.3 Installation Precautions:

- Before installation, be sure to turn off the main power supply of the battery.
- When installing the control box, screws must be tightened, and an indoor location should be selected to avoid poor contact or internal water ingress.
- Understand the distribution and functional settings of the control box (including signal output) to avoid incorrect wiring.

8.4 Emergency situation handling:

In case of an emergency, follow these steps and immediately notify the manufacturer.

- Turn off the control box power.
- Turn off the battery power supply.
- Notify the manufacturer and identify the cause.

Customer Service Hotline:

 +86-577-62795533



Scan the code for more
product information

XINDALI INDUSTRIES CO., LTD.

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