

VINGLI Twin / LED

VINGLI Metal Bunk Bed Frame Twin Over Twin with LED Lights and Charging Station

Model: Twin / LED

Brand: VINGLI

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your VINGLI Metal Bunk Bed Frame. Please read this manual thoroughly before assembly and use to ensure safe and proper functionality of the product.

Key Features:

- **Sturdy Metal Construction:** Made from 100% solid metal for durability and stability.
- **Enhanced Safety:** Features a non-slip ladder, rounded-corner guardrails, and a 13.4-inch high full-length guardrail for maximum protection.
- **Integrated Charging Station:** Includes 1 Type-C port, 1 USB port, and 2 AC outlets for convenient device charging.
- **Customizable LED Lighting:** LED lights with 7 basic colors, adjustable brightness, and control via remote or mobile app to create a personalized ambiance.
- **Space-Saving Design:** Twin over Twin configuration with 8 inches of under-bed clearance for additional storage.
- **Easy Assembly:** Snap-on slat installation for simplified setup.

2. IMPORTANT SAFETY WARNINGS

Failure to follow these warnings could result in serious injury.

- Always assemble according to the provided instructions to ensure stability.
- Be cautious of pinch points and sharp edges during assembly and use.
- Do not exceed the maximum weight recommendation of 400 pounds (181 kg) per bed.

- Keep the area around the bed clear to prevent tripping hazards.
- The top bunk is not suitable for children under 6 years of age.
- Ensure all connections are tight before use and check periodically.
- Use only mattresses that are 8 inches or less in thickness for the upper bunk to maintain proper guardrail height.
- Do not attach or hang items on any part of the bunk bed that are not designed for use with the bed; for example, but not limited to, hooks, belts, or jump ropes.
- Always use the ladder for entering and exiting the upper bunk.

3. PACKAGE CONTENTS

Verify that all components listed below are present before beginning assembly. If any parts are missing or damaged, please contact VINGLI customer support.

- Bunk Bed Frame Components (Metal beams, slats, ladder)
- Guardrails
- Light Kit (LED strip, remote control)
- Charging Station Unit
- Assembly Hardware (Screws, bolts, nuts, washers)
- Assembly Tools (Hex key, wrench)
- Instruction Manual

4. SPECIFICATIONS

Feature	Detail
Model	Twin / LED
Product Dimensions	78"L x 41.3"W x 63.2"H
Material	Metal
Color	Black
Weight Capacity	400 lbs per bed
Under-bed Clearance	8.1 Inches
Recommended Mattress Thickness (Upper Bunk)	8 inches and below
Charging Station	1 Type-C port, 1 USB port, 2 AC outlets
LED Lights	7 basic colors, adjustable brightness, remote/app control
Assembly Required	Yes
Box Spring Needed	No

Note: All dimensions are approximate.

5. SETUP AND ASSEMBLY

Assembly of the VINGLI Metal Bunk Bed Frame requires careful attention to detail. It is highly recommended to have two people for assembly, especially when lifting and aligning larger components.

General Assembly Steps:

1. **Unpack and Identify Parts:** Lay out all components and hardware on a clean, soft surface. Compare them with the parts list in your included instruction manual to ensure everything is present and undamaged.
2. **Assemble Bed Ends:** Attach the horizontal support bars to the vertical posts for both the upper and lower bed ends. Ensure all bolts are finger-tight at this stage.
3. **Connect Side Rails:** With assistance, carefully lift and connect the side rails to the assembled bed ends. This step often requires holding the bed ends upright while securing the rails.
4. **Install Slats:** The bed features a snap-on slat design for convenience. Securely attach all slats to the bed frame. Ensure they are firmly in place to provide adequate mattress support.
5. **Attach Ladder:** Secure the non-slip ladder to the designated attachment points on the bunk bed frame.
6. **Install Guardrails:** Attach the full-length guardrails to the upper bunk. Verify they are securely fastened.
7. **Install Charging Station:** Mount the removable charging station to the upper bunk's frame as indicated in the manual.
8. **Install LED Lights:** Adhere the LED light strip to the underside of the upper bunk or desired location. Connect it to the power source.
9. **Final Tightening:** Once all components are in place, systematically tighten all bolts and screws using the provided tools. Do not overtighten.
10. **Placement:** Position the assembled bunk bed in its final location. Consider using wall anchoring if desired for added stability (check local regulations).

For detailed, step-by-step visual guidance, refer to the included assembly manual and the official product video below.

Your browser does not support the video tag.

Official video demonstrating the VINGLI Twin Size Metal Bunk Bed, highlighting its features and design.



Image: Overall dimensions of the VINGLI Metal Bunk Bed Frame.



Image: Wall anchoring mechanism for enhanced stability.

Slats Snap-in Mounting

✓ Convenient ✓ Fast ✓ Stable



Image: Detail of the snap-in mounting system for bed slats.

6. OPERATING INSTRUCTIONS

6.1. Using the LED Lights

The integrated LED lights offer customizable illumination for the lower bunk area. They can be controlled via the included remote control or a dedicated mobile application.

- **Power On/Off:** Use the 'ON' or 'OFF' buttons on the remote to turn the lights on or off.
- **Color Selection:** Choose from 7 basic colors using the color buttons on the remote.
- **Brightness Adjustment:** Adjust the light intensity using the brightness control buttons.
- **Mode Selection:** Cycle through various lighting modes (e.g., flash, strobe, fade, smooth) using the 'MODE' buttons.
- **Speed Adjustment:** For dynamic modes, adjust the speed of color changes using the 'SPEED' buttons.
- **Mobile App Control:** Download the specified mobile application (refer to the light kit instructions for app name and QR code) to access additional customization options, including a wider color palette and DIY lighting effects.

Accompany you through different days and nights



Image: VINGLI bunk bed with LED lights activated.



Image: Remote control for the Smart RGB LED lights.

6.2. Using the Charging Station

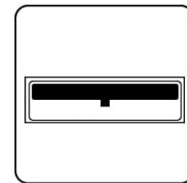
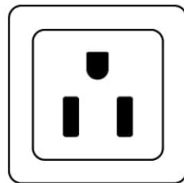
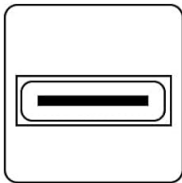
The removable charging station provides convenient power access for your electronic devices.

- **Power Connection:** Ensure the charging station is properly plugged into a functional wall outlet.
- **AC Outlets:** Use the two standard AC outlets (125V/12A) for devices requiring a wall plug.
- **USB Ports:** Utilize the 1 Type-C port (5V/2A) and 1 USB port (5V/2A) for charging compatible smartphones, tablets, and other USB-powered devices.

- **Safety:** Do not overload the charging station. Disconnect devices when not in use.



Removable Charging Station



1 Type-C Port(5V/2A) 2 AC Outlets (125V/12A) 1 USB Port (5V/2A)

Image: Removable charging station with AC and USB ports.

7. MAINTENANCE

7.1. Cleaning

- Wipe the metal frame with a soft, damp cloth.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish.
- For the charging station, ensure it is unplugged before wiping with a dry cloth. Do not use liquid cleaners directly on the ports.

7.2. Regular Checks

- Periodically check all bolts and screws to ensure they remain tight. Retighten as necessary.
- Inspect the ladder and guardrails for any signs of wear or damage.
- Ensure the LED light strip and charging station cables are not pinched or damaged.

8. TROUBLESHOOTING

Common Issues and Solutions:

- **Bed feels wobbly:** Ensure all assembly bolts are securely tightened. Check that the bed is placed on a level surface. Consider using wall anchoring if not already implemented.
- **LED lights not working:** Check if the power adapter is properly plugged into both the wall outlet and the LED strip. Ensure the remote control has working batteries and is pointed directly at the receiver. Try controlling with the mobile app if available.
- **Charging station not providing power:** Verify the charging station's power cord is securely plugged into a live wall outlet. Test the outlet with another device. Ensure devices are properly connected to the ports.
- **Missing parts during assembly:** Refer to the package contents list. If parts are genuinely missing, contact VINGLI customer support with your purchase details.

9. WARRANTY AND SUPPORT

For warranty information, specific return policies, or technical support, please refer to the documentation included with your purchase or visit the official VINGLI store page on Amazon. Customer support is available to assist with any product-related inquiries.

Visit the VINGLI Store: [VINGLI Official Store](#)