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LOEWAY LEDH30

LOEWAY Full Size Bed Frame (Model LEDH30) Instruction Manual

Your guide to assembly, operation, and maintenance.

1. Introduction

Thank you for choosing the LOEWAY Full Size Bed Frame. This manual provides detailed instructions for the safe assembly, operation, and maintenance of your new bed frame, which features a storage headboard, integrated LED lights, a charging station, and under-bed storage drawers. Please read all instructions carefully before beginning assembly and retain this manual for future reference.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in injury or damage to the product.

- Do not exceed the maximum weight recommendation of 1000 pounds. Overloading the bed frame can lead to structural failure and injury.
- Follow assembly instructions carefully to prevent instability or collapse. Ensure all bolts and screws are securely tightened.
- Be cautious when handling sharp edges during assembly. Wear protective gloves if necessary.
- Keep small parts and packaging materials away from children to prevent choking hazards.
- Ensure the bed frame is placed on a level surface to prevent wobbling and ensure stability.
- Only use the integrated charging station for devices within the specified voltage and current limits (5V/2A for USB/Type-C, 125V/12A for AC outlets). Do not overload the outlets.

3. Package Contents

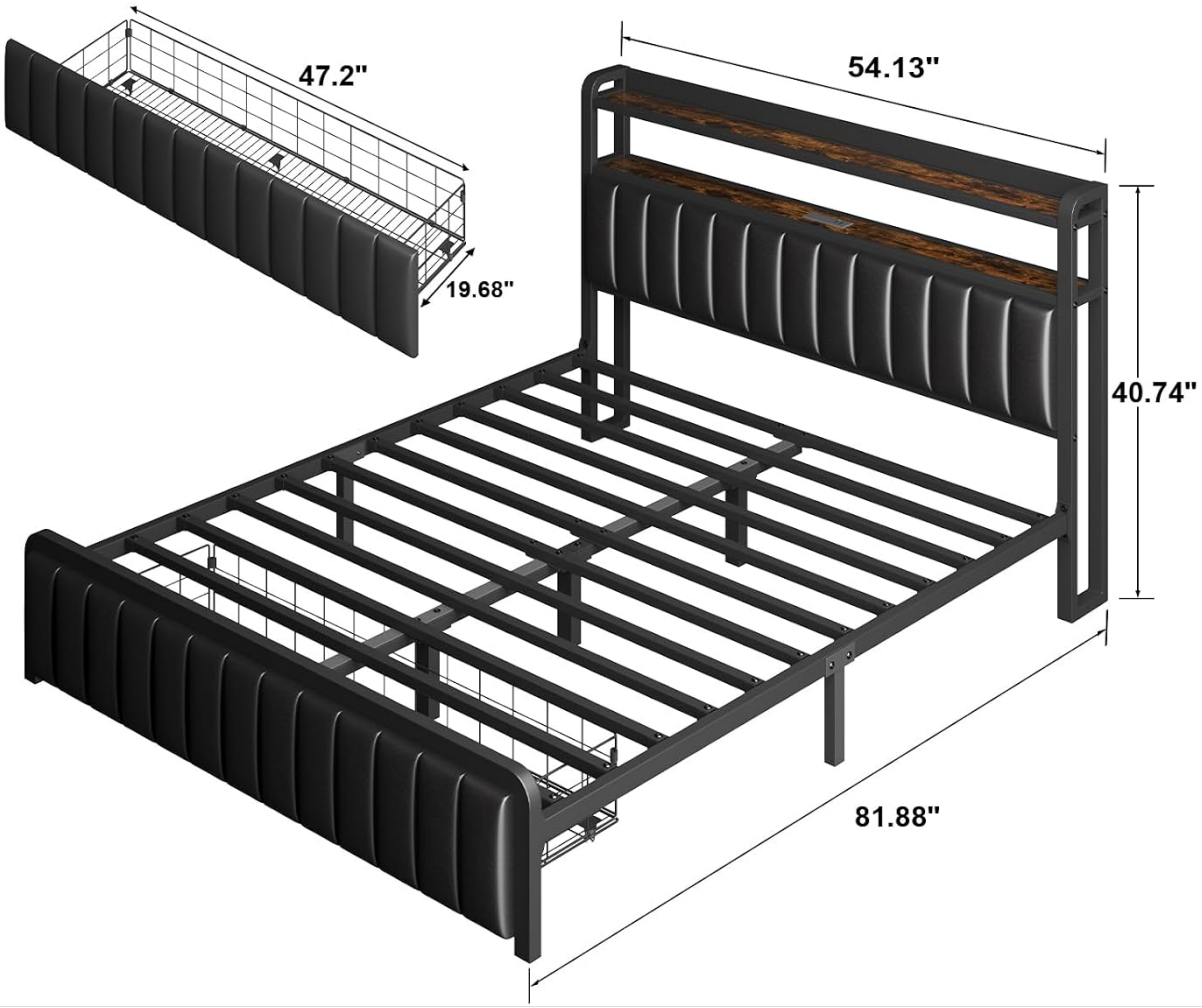
Before assembly, verify that all components are present and undamaged. All necessary parts and tools are typically included in one box. If any parts are missing or damaged, please contact customer support.

Included Components:

- Bed Frame Components (Metal Slats, Side Rails, Support Legs)
- Headboard (with integrated storage, LED lights, and charging station)

- Under-Bed Storage Drawer(s)
- Assembly Hardware (Screws, Bolts, Allen Wrench)
- Instruction Manual

Full Size:(L* W * H:)	Mattress:	Weight Capacity:
81.8"x 54.1"x 40.7"	10-12in	1000lb



This diagram illustrates the overall dimensions of the LOEWAY Full Size Bed Frame (81.8"L x 54.1"W x 40.7"H), recommended mattress size (10-12 inches), and weight capacity (1000 lbs). It also shows the headboard and footboard structure.

4. Setup and Assembly Instructions

Assembly typically takes approximately 40 minutes. It is recommended to have two people for assembly. Follow the step-by-step instructions provided in the included assembly guide. Ensure all parts are correctly oriented before tightening screws.

Key Assembly Features:

- **Reinforced Construction:** The metal bed frame is built with reinforced frosted iron alloy and a center support leg, designed to support up to 1000 lbs.
- **Noise Reduction:** Noise-absorbing cotton-padded crossbars are integrated to ensure silent operation.

- **Fixed Mattress Design:** An embedded design at the bed end prevents the mattress from slipping out, creating a stable sleeping surface.



This comparison image highlights the improved frame design. The 'After upgrading' side shows extra connected boards and screws for a steadier structure, contrasting with the 'Before upgrading' side which depicts an easily damaged, unstable connection.



This image displays two key features: reinforced steel pipes for long service life and enhanced protection, and silent cotton padding designed to prevent squeaks and ensure quiet operation.



This diagram explains the embedded design at the bed end, which prevents the mattress from slipping out, contributing to a peaceful

sleeping environment. It contrasts 'Embedded Design' (No Sliding) with 'No Embedded Design' (Easy to Slide).

5. Operating Instructions

5.1. LED Lighting System

The integrated LED light strips on the headboard offer customizable ambiance. You can control the colors and brightness levels using either a mobile application or the physical button located on the headboard.

- **Color and Brightness Control:** Adjust to your preference for reading, relaxing, or creating a specific mood.
- **Music Sync Mode:** The lights can synchronize with music, enhancing your audio experience.
- **Preset Scenes:** Choose from various pre-programmed lighting scenes.



This image shows the headboard's integrated LED lighting system, demonstrating different color settings. Icons indicate LED functionality, color control, remote control, and mobile app control.

5.2. Charging Station

The headboard features a convenient charging station to keep your devices powered and within reach.

- **AC Outlets:** Two 125V/12A AC outlets for standard electronics.
- **USB Port:** One 5V/2A USB port for charging compatible devices.
- **Type-C Port:** One 5V/2A Type-C port for modern devices.



A detailed view of the charging station located on the headboard, featuring one USB port (5V/2A), one Type-C port (5V/2A), and two AC outlets (125V/12A) for convenient device charging.

5.3. Under-Bed Storage Drawers

The bed frame includes a wide storage drawer at the foot of the bed, providing ample space for various items. The smooth, quiet pulley system ensures easy access.

- **Dimensions:** Approximately 51.96 inches wide.
- **Clearance:** 10.2 inches of clearance underneath the bed for additional storage bins or luggage.
- **Functionality:** Ideal for storing off-season clothing, extra bedding, or other personal items.



This image illustrates the spacious under-bed storage drawer, demonstrating its capacity for items like clothes, shoes, cushions, and toys. A close-up inset shows the smooth-gliding wheel mechanism.

6. Maintenance

Regular maintenance will help prolong the life and appearance of your LOEWAY bed frame.

- **Cleaning the Frame:** Wipe the metal frame with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the anti-rust finish.
- **Cleaning the Headboard:** The headboard is upholstered in premium leather and padded with high-resilience foam. For general cleaning, wipe with a soft, dry cloth. For spills, use a slightly damp cloth with mild soap and wipe dry immediately. Do not saturate the material.
- **Checking Connections:** Periodically check all bolts and screws to ensure they remain tight. Re-tighten if necessary to maintain stability and prevent squeaks.
- **Drawer Maintenance:** Keep the drawer tracks clean and free of debris to ensure smooth operation.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Bed frame is squeaking	Loose connections; uneven floor; missing cotton pads.	Tighten all bolts and screws. Ensure the bed is on a level surface. Verify all noise-absorbing cotton pads are in place.
LED lights not working	Power cable disconnected; faulty connection; app issue.	Check if the power cable for the LED lights is securely plugged in. Ensure the power source is active. If using the app, try restarting the app or reconnecting.
Charging station not working	Power cable disconnected; device incompatibility; overloaded circuit.	Verify the main power cable for the charging station is connected. Ensure your device is compatible with the port. Do not exceed the maximum current rating for the outlets.
Storage drawer not sliding smoothly	Debris in tracks; damaged wheels.	Clear any obstructions from the drawer tracks. Inspect the wheels for damage; if damaged, contact support for replacement.
Mattress slides off the bed	Mattress not properly seated; fixed design not engaged.	Ensure the mattress is fully seated within the embedded design of the bed frame.

8. Specifications

Feature	Detail
Model Number	LEDH30
Size	Full
Product Dimensions (L x W x H)	81.88" x 54.13" x 40.74"
Material	Metal (Reinforced Frosted Iron Alloy)
Headboard Material	Leather, Foam
Color	Black
Maximum Weight Recommendation	1000 Pounds
Ground to Item Distance (Clearance)	10.2 Inches
Compatible Mattress Size	10-12 inches (thickness)
Charging Station Output	2 AC Outlets (125V/12A), 1 USB Port (5V/2A), 1 Type-C Port (5V/2A)
Special Features	Easy Assembly, Slip Resistant, Squeak Resistant, Storage Drawer, Storage Headboard, LED Lights, Charging Station

9. Warranty and Support

Specific warranty information for the LOEWAY Full Size Bed Frame is not provided in this manual. Please refer to your purchase documentation or contact the retailer/manufacturer directly for warranty details.
For technical support, missing parts, or further assistance, please contact LOEWAY customer service through the retailer's platform or the official LOEWAY website.



This image displays the fully assembled bed frame, highlighting the double-layer storage headboard, the high-quality leather backrest, and the 10.2-inch under-bed clearance suitable for storage.

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