

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Superay](#) /

› [Superay 2 Inch Queen Low Profile Metal Box Spring Instruction Manual](#)

Superay SUP-MT23

Superay 2 Inch Queen Low Profile Metal Box Spring

INSTRUCTION MANUAL - MODEL: SUP-MT23

1. INTRODUCTION

Thank you for choosing the Superay 2 Inch Queen Low Profile Metal Box Spring. This product is designed to provide a sturdy and reliable foundation for your mattress, enhancing comfort and extending mattress life. Its low-profile design makes it suitable for various bed frames, including bunk beds, daybeds, and platform beds. This manual provides detailed instructions for assembly, usage, and maintenance to ensure optimal performance and longevity of your box spring.



Image: The Superay 2 Inch Queen Low Profile Metal Box Spring, showcasing its sleek, black metal frame and low-profile design.

2. SAFETY INFORMATION

- Weight Limit:** Do not exceed the maximum weight limit of 3000 pounds.
- Rounded Corners:** All four corners of the box spring are designed with rounded edges to minimize the risk of injury from sharp edges. Exercise caution during assembly and handling.
- Assembly:** Ensure all components are correctly assembled and tightened according to the instructions before use.
- Placement:** Place the box spring on a stable and level surface or within a compatible bed frame.

3. PRODUCT FEATURES

- Sturdy Upgraded Structure:** Features 13 rows of steel slats for enhanced support and even weight distribution, capable of handling up to 3000 pounds without deformation or wobbling.
- Safe Rounded Corner Design:** All four corners are designed with rounded edges to prevent accidental bumps and injuries.
- Quiet Sleep Experience:** Slats are designed to avoid direct contact, reducing friction and eliminating squeaky noises for a peaceful sleep.
- Versatile Compatibility:** At 2 inches in height, it is ideal for bunk beds, daybeds, and both inset or drop-in platform bed frames. Compatible with various mattress types including innerspring, memory foam, and latex.
- Quick and Easy Assembly:** All components are neatly packed in one box, with assembly typically taking only a few minutes.

4. COMPONENTS LIST

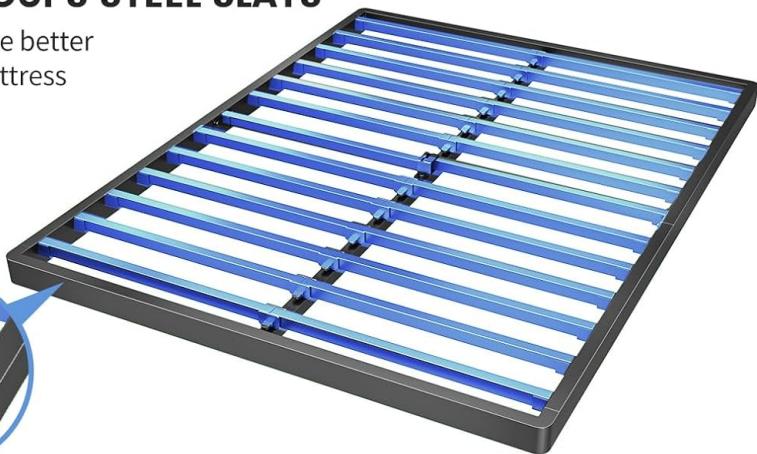
Before beginning assembly, ensure all parts are present and accounted for. Refer to the included installation manual for a detailed visual breakdown of components.

Part	Description	Quantity
Frame Sections	Metal frame pieces (labeled A, B, C, D, E, F)	Various
Slats	Metal support bars (labeled G)	24
Hardware Kit	Bolts (M, S, L), Nuts (W), Allen Wrench, Wrench	1 set
Fabric Cover	Black fabric cover (labeled J)	1
Center Support	Central support bar (labeled H)	1



OURS 13 GROUPS STEEL SLATS

Dense slats provide better load bearing & mattress



OTHERS ONLY 11 GROUPS STEEL SLATS

The gap between the slats is too large

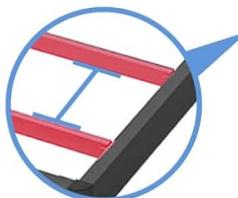


Image: Visual comparison highlighting the 13 dense steel slats of the Superay box spring versus 11 slats in other products, emphasizing better load bearing.

5. ASSEMBLY INSTRUCTIONS

Follow these steps carefully for quick and easy assembly. All necessary tools are included.

Video Guide: Assembly Process

Your browser does not support the video tag.

Video: A detailed guide demonstrating the assembly process of the Superay box spring, designed to be completed in approximately 20 minutes.

Step-by-Step Assembly:

- 1. Unpack and Identify Parts:** Carefully unpack all components from the box. Lay them out on a clean, soft surface to identify each part using the provided labels (A, B, C, D, E, F, G, H, J) and the hardware kit.
- 2. Assemble the Main Frame:** Connect the frame sections (A, B, C, D, E, F) using the appropriate bolts and nuts from the hardware kit. Ensure all connections are secure but do not fully tighten bolts until the entire frame is assembled. Pay attention to the 'UP' labels on certain parts to ensure

correct orientation.

3. **Install Center Support:** Attach the center support bar (H) to the main frame, aligning it with the designated connection points. Secure with bolts and nuts.
4. **Insert Slats:** Place the metal slats (G) into the designated slots on the frame. Press down firmly to ensure they are securely seated. The dense arrangement of 13 slats provides robust support.
5. **Final Tightening:** Once all frame sections and slats are in place, go back and fully tighten all bolts using the provided tools. Ensure the frame is stable and level.
6. **Apply Fabric Cover:** Drape the black fabric cover (J) over the assembled metal frame. The cover is designed to fit snugly, similar to a fitted sheet, concealing the metal structure and providing a finished look.

Visual Aid: Frame Assembly



Image: An illustrative diagram detailing the sequential steps for assembling the metal frame components of the box spring.

Visual Aid: Slats and Cover

U SHAPED GROOVE NOSIE FREE

The segmented groove design makes the slats more stable and avoids noise caused by friction

Ours



Others



Image: A close-up view illustrating the U-shaped groove design that prevents slats from making noise due to friction.

Your browser does not support the video tag.

Video: A short demonstration of the 2-inch box spring installation, focusing on key assembly steps.

6. USAGE & COMPATIBILITY

The Superay 2 Inch Queen Low Profile Metal Box Spring is designed for versatile use with various bed setups.

- **Mattress Placement:** Once assembled, place your Queen-sized mattress directly on top of the fabric-covered box spring.
- **Bed Frame Integration:** This low-profile box spring is ideal for use within existing bed frames, including bunk beds, daybeds, and platform beds with inset or drop-in designs. It provides essential support without adding excessive height.
- **Mattress Types:** It is compatible with all mattress types, including innerspring, memory foam, latex, and hybrid mattresses.



Image: The Superay box spring positioned within a decorative bed frame, illustrating its low-profile integration.

Your browser does not support the video tag.

Video: An overview of the 2 Inch Box Spring, highlighting its low profile and heavy-duty metal construction as a bed base.

7. MAINTENANCE & CARE

- **Cleaning the Cover:** The fabric cover is removable. If it gets stained, carefully remove it and spot clean with a mild detergent and damp cloth. Allow it to air dry completely before reattaching.
- **Frame Inspection:** Periodically check all bolts and connections to ensure they remain tight. Retighten if necessary to maintain stability and prevent noise.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals on the metal frame or fabric cover, as this may damage the finish or material.

8. TROUBLESHOOTING

- **Noise/Squeaking:** If you experience any noise, ensure all bolts are fully tightened. The design incorporates mute foam strips and U-shaped grooves to prevent squeaking, but loose connections can still cause sound.
- **Uneven Surface:** If the box spring appears uneven, check that it is placed on a flat surface and that all legs (if applicable, or the bed frame itself) are level.

9. SPECIFICATIONS

Attribute	Detail
Model Number	SUP-MT23
Size	Queen
Product Dimensions	2"H (Height)
Material	Heavy Duty Metal (Steel)
Weight Capacity	Up to 3000 pounds
Number of Slats	13 rows of steel slats
Special Features	Squeak Resistant, Rounded Corners, Easy Assembly
Color	Black (frame), Gray (cover)
Assembly Required	Yes
Item Weight	30.5 pounds

Dimension & Capacity



Queen

For Mattress: 80" L x 60" W



Image: A graphic detailing the dimensions (59.5"W x 78.8"L x 2"H for Queen) and the 3000 lbs weight capacity of the box spring.

10. WARRANTY & SUPPORT

For specific warranty information or customer support, please refer to the documentation included with your purchase or contact Superay customer service directly. Contact details are typically found on the product packaging or the official Superay website.

© 2025 Superay. All rights reserved.

Related Documents - SUP-MT23

