

BANDAI 4543112161925

Bandai Star Trek 1/850 USS Enterprise NCC-1701 Model Kit Instruction Manual

Model Number: 4543112161925

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1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Bandai Star Trek 1/850 USS Enterprise NCC-1701 model kit. Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience. This model is designed for enthusiasts and requires attention to detail during construction, particularly concerning the internal wiring for lighting features.

2. SAFETY INFORMATION

- Keep small parts away from young children to prevent choking hazards.
- Use appropriate tools for model assembly, such as hobby knives or nippers, with caution.
- If using adhesives, ensure proper ventilation and follow the adhesive manufacturer's safety guidelines.
- Handle electrical components and wires carefully. Avoid excessive force to prevent damage.

3. PARTS LIST

Before starting assembly, verify that all components are present and undamaged. Refer to the included parts diagram in your kit for a complete list and visual identification of each piece. The kit includes:

- 1 x 1/850 USS Enterprise NCC-1701 model ship components
- Wiring for lighting features
- Instruction manual (this document)



Figure 1: Overview of the USS Enterprise NCC-1701 model.

4. SETUP (ASSEMBLY)

The Bandai USS Enterprise NCC-1701 model kit features a snap-together design, minimizing the need for adhesives. However, some areas may benefit from careful application of model glue or putty to ensure a secure fit and seamless appearance. Follow the numbered steps in the included assembly diagrams.

4.1. Main Hull Assembly

Begin by assembling the primary saucer section and the engineering hull. Ensure all connection points align correctly. Apply gentle, even pressure for snap-fit components. If gaps are present, minor sanding or putty application may be required for a smooth finish.



Figure 2: Side profile of the USS Enterprise model during assembly.

4.2. Warp Nacelle Integration

Attach the warp nacelles to their respective pylons. Pay close attention to the orientation. Some builders have noted that these sections may require additional care to achieve a flush fit. Ensure all internal wiring for the nacelle lighting is routed correctly before securing the parts.

4.3. Wiring for Lighting Features

This is the most intricate part of the assembly. The kit includes wiring for internal illumination. Carefully follow the wiring diagrams provided in your kit. Wires are delicate; avoid excessive pulling or bending. It is recommended to test connections periodically during this stage. Do not cut wires to length prematurely; trim only when absolutely necessary and after confirming the correct routing and connection points. Solder connections, if required, should be minimal to avoid

obstructing part fitment.



Figure 3: Detailed view of the illuminated engineering hull.



Figure 4: Detailed view of the illuminated warp nacelle exhaust.

5. OPERATING (LIGHTING FEATURES)

Once assembly is complete and all wiring is securely connected, the model's lighting features can be activated. Connect the model to its designated power source (e.g., battery pack or AC adapter, if included or purchased separately). The lights will illuminate the various sections of the ship, including windows and warp nacelles. Note that the intensity of the lighting may vary and might appear dim in brightly lit environments.

6. MAINTENANCE

6.1. Cleaning

To maintain the appearance of your model, gently dust it regularly with a soft, dry brush or a microfiber cloth. Avoid using harsh chemicals or abrasive cleaners, as these can damage the pre-painted surfaces and decals.

6.2. Storage

Store the model in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation or paint fading. If possible, display it in a dust-proof case.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not illuminate.	Incorrect wiring, loose connection, faulty power source.	- Re-check all wiring connections against the diagram. - Ensure the power source (batteries/adaptor) is functioning correctly. - Inspect wires for breaks or damage.
Parts do not fit together smoothly.	Misalignment, excess plastic, internal wiring obstruction.	- Carefully re-align parts. - Trim any excess plastic (flash) from the edges. - Ensure internal wiring is not pinched or obstructing the fit. - Apply small amounts of model putty or glue if necessary for gaps.
Lights are too dim.	Expected behavior, power source issue.	- The kit's lighting may naturally be subtle. - Ensure fresh batteries or a stable power supply.

8. SPECIFICATIONS

- Brand:** BANDAI
- Model Name:** USS Enterprise NCC-1701
- Model Number:** 4543112161925
- Scale:** 1:850
- Material Type:** Plastic
- Item Dimensions (L x W x H):** 13.46 x 9.53 x 3.7 inches
- Item Weight:** 1.54 Pounds
- Included Components:** 1 x 1/850 USS Enterprise NCC-1701 model ship components
- Assembly Type:** Model building kit (snap-fit with wiring)

9. WARRANTY AND SUPPORT

This product is covered by the manufacturer's standard warranty against defects in materials and workmanship. Please retain your proof of purchase. For technical support, missing parts, or warranty claims, please contact Bandai customer service directly. Contact information can typically be found on the product packaging or the official Bandai website.

Note: This model kit is intended for experienced model builders due to the complexity of the wiring and potential fitment adjustments.



