

HORNBY R3730

Hornby R3730 BR Class O1 2-8-0 63806 Steam Locomotive User Manual

Model: R3730 | Brand: HORNBY

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Hornby R3730 BR Class O1 2-8-0 63806 Steam Locomotive. This highly detailed OO gauge model is designed for enthusiasts and collectors, bringing a piece of railway history to your layout. Please read these instructions carefully before use to ensure safe and optimal performance.



Image 1.1: The Hornby R3730 BR Class O1 2-8-0 63806 Steam Locomotive, a detailed OO gauge model.

2. SAFETY INFORMATION

Always observe the following safety guidelines when handling and operating your model locomotive:

- This product is recommended for ages 14 and up. It is not a toy and contains small parts that may pose a choking hazard for younger children.
- Ensure your model railway layout is stable and free from obstructions.
- Always disconnect power to the track before placing or removing the locomotive.

- Avoid touching moving parts during operation.
- Keep the locomotive and power supply away from water and excessive moisture.
- Use only the recommended power supply for your model railway system.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- Hornby R3730 BR Class O1 2-8-0 63806 Steam Locomotive
- Instruction Manual (this document)



Image 3.1: The Hornby R3730 BR Class O1 2-8-0 63806 Steam Locomotive in its packaging.

4. SETUP

4.1 Preparing the Locomotive

1. Carefully remove the locomotive from its packaging, holding it by the body and not by delicate details such as handrails or pipes.
2. Inspect the locomotive for any visible damage or loose parts.
3. Ensure all wheels are clean and free from debris.

4.2 Placing on Track

1. Place the locomotive gently onto the track, ensuring all wheels are correctly seated on the rails.
2. Verify that the tender is securely coupled to the locomotive.



Image 4.1: Side view of the Hornby R3730 locomotive correctly placed on the track.



Image 4.2: Full side view of the Hornby R3730 locomotive and its tender.

5. OPERATING INSTRUCTIONS

5.1 Analogue Control

The Hornby R3730 is designed for analogue (DC) operation. Connect your power controller to the track as per your model railway system's instructions. Gradually increase the power to start the locomotive. Adjust the controller to control speed and direction.

5.2 DCC Ready

This locomotive is "DCC Ready," meaning it is equipped with a socket for easy installation of a Digital Command Control (DCC) decoder. If you wish to operate this locomotive on a DCC system, you will need to purchase and install a compatible DCC decoder (not included). Refer to the decoder manufacturer's instructions for installation and programming.

Note: Always ensure the power is off before installing or removing a DCC decoder.

6. MAINTENANCE

6.1 Cleaning

- Regularly clean the wheels and track to ensure good electrical contact and smooth running. Use a soft, lint-free cloth or a specialized track cleaning fluid.
- Dust the locomotive body with a soft brush or cloth. Avoid using harsh chemicals or abrasive materials.

6.2 Lubrication

Periodically, the moving parts of the locomotive may require lubrication. Refer to Hornby's official maintenance guides or a reputable model railway specialist for specific lubrication points and

recommended lubricants. Over-lubrication can attract dust and hinder performance.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Locomotive does not move	No power to track; dirty track/wheels; locomotive not seated correctly; faulty wiring.	Check power supply and connections; clean track and wheels; re-seat locomotive; inspect wiring.
Locomotive runs erratically	Dirty track/wheels; poor electrical contact; track uneven.	Clean track and wheels thoroughly; ensure track sections are properly joined and level.
Locomotive derails frequently	Track uneven; sharp curves; wheels not in gauge; foreign object on track.	Ensure track is level and curves are appropriate for the model; check wheel gauge; clear track.

8. SPECIFICATIONS

- **Model Number:** R3730
- **Gauge:** OO gauge (1:76 scale)
- **Length:** Approximately 230mm
- **DCC Type:** DCC Ready
- **Motor:** 5 Pole Skew Wound
- **Operator/Livery:** Early BR Black
- **Product Dimensions:** 14.25 x 4.41 x 2.28 inches (approx. 36.2 x 11.2 x 5.8 cm)
- **Item Weight:** 1.28 pounds (approx. 0.58 kg)
- **Recommended Age:** 14 years and up



Image 8.1: Top view of the Hornby R3730 locomotive showing approximate dimensions.

9. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Hornby website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Hornby Official Website: www.hornby.com

