

## HORNBY R30132

# Hornby R30132 BR Class 9F 2-10-0 Steam Locomotive

## INSTRUCTION MANUAL

### 1. Product Overview

The Hornby R30132 model represents the British Railways Standard 9F Class 2-10-0 steam locomotive, a significant design in British railway history. This model is crafted to a 1:76 scale (00 Gauge) and features a fully diecast boiler and chassis, providing substantial weight for realistic pulling power. It is presented in authentic service colors with detailed and painted cabs, including painted and posed crew figures. A flickering firebox feature illuminates the model, enhancing its realism.

The prototype 9F Class was designed by Robert Riddles as a heavy express freight locomotive, known for its versatility and ability to perform well even in passenger services. The model incorporates a 5-pole skew wound motor, sprung metal buffers, and a 2-10-0 wheel configuration, requiring a minimum curve radius of 2.



Image 1: The Hornby R30132 BR Class 9F locomotive, number 92002, displayed on a scenic model railway layout.

## 2. Safety Information

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This product is a detailed scale model and is **not suitable for children under 14 years** of age. Please refer to the safety notes provided in the enclosed instruction leaflet. Colors and contents of the actual product may differ from those illustrated in promotional materials. It is important to retain these details and the manufacturer's address for future reference.

## 3. What's in the Box

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- 1x Steam Locomotive (Hornby R30132 BR Class 9F)

## 4. Setup

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1. **Unpacking:** Carefully remove the locomotive from its packaging. Retain all packaging for future storage or transport. Inspect the model for any visible damage.
2. **Track Placement:** Gently place the locomotive onto a clean, compatible 00 gauge track. Ensure all ten driving wheels and the leading/trailing wheels are correctly seated on the rails.
3. **Power Connection:** This model is compatible with Hornby HM7000-21Txs Bluetooth and DCC Sound Decoders (21-Pin). Ensure your control system (DCC controller or HM7000 Bluetooth app) is properly set up and connected to the track power.
4. **Initial Inspection:** Before applying power, manually push the locomotive gently along the track to ensure all wheels turn freely and there are no obstructions.



Image 2: Front view of the Hornby R30132 BR Class 9F locomotive, highlighting the detailed front end and number 92002.

## 5. Operating Instructions

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The Hornby R30132 locomotive is designed for use with DCC (Digital Command Control) systems, particularly with the Hornby HM7000-21Txs Bluetooth and DCC Sound Decoder. If a decoder is installed, follow these general operating guidelines:

1. **Power On:** Turn on your DCC controller or activate the HM7000 Bluetooth app. Ensure the track is receiving power.
2. **Address Selection:** Select the correct DCC address for your locomotive on your controller. The default address is typically 3, but this can be changed via programming.
3. **Movement:** Gradually increase the throttle on your controller to initiate movement. The locomotive should move smoothly in the selected direction. Use the direction control to change between forward and reverse.
4. **Sound Functions:** If a sound decoder is installed, use the function buttons on your DCC controller to activate various sound effects such as whistle, bell, steam chuffs, and brake sounds. Refer to your decoder's specific manual for a full list of functions.
5. **Flickering Firebox:** The flickering firebox feature will activate when power is supplied to the locomotive, simulating the glow of a real firebox.



Image 3: Side view of the Hornby R30132 BR Class 9F locomotive, showcasing the 2-10-0 wheel configuration and detailed valve gear.

## 6. Maintenance

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Regular maintenance ensures optimal performance and longevity of your Hornby R30132 locomotive.

- **Cleaning Wheels and Track:** Keep the locomotive's wheels and your track clean. Dirt and grime can impede electrical contact and affect performance. Use a soft cloth or specialized track cleaning fluid.
- **Lubrication:** Periodically, apply a small amount of specialized model railway lubricant to moving parts such as axle bearings and valve gear. Refer to the manufacturer's specific lubrication guidelines if provided. Avoid over-lubrication.
- **Storage:** When not in use, store the locomotive in its original packaging or a protective case, away from dust, direct sunlight, and extreme temperature fluctuations.
- **Handling:** Always handle the model carefully, avoiding touching delicate parts like handrails, pipes, and couplings.



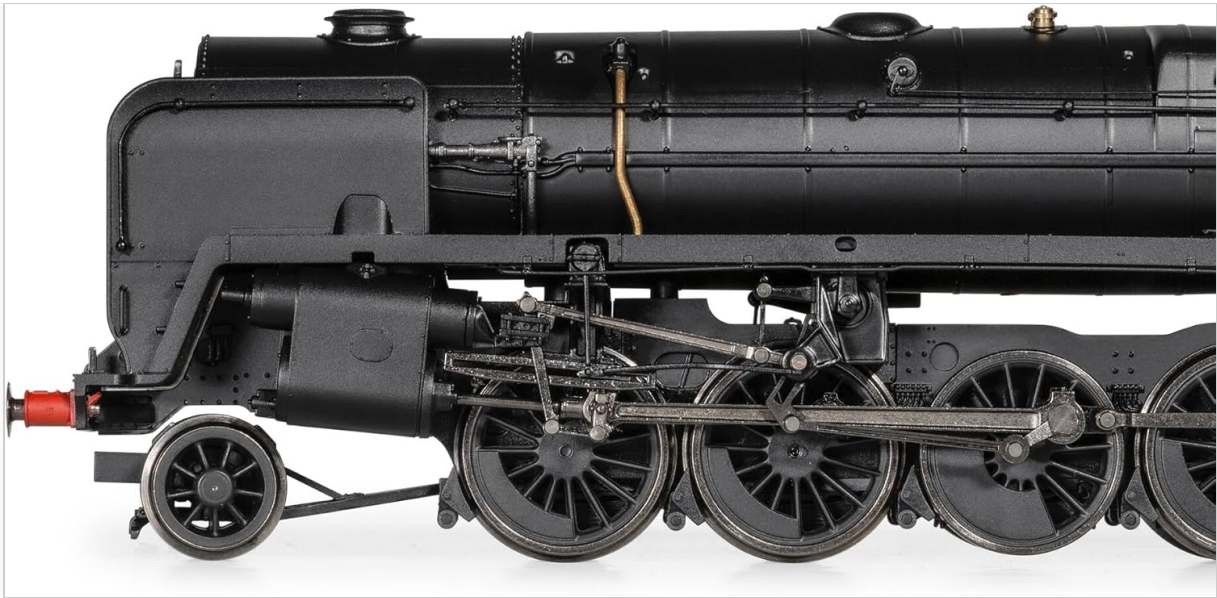


Image 4: Rear view of the Hornby R30132 BR Class 9F locomotive, showing the tender connection and rear details.

## 7. Troubleshooting

If you encounter issues with your locomotive, consider the following common troubleshooting steps:

- **Locomotive Not Moving:**
  - Ensure track power is on and connections are secure.
  - Check that the locomotive's wheels and the track are clean and free of debris.
  - Verify the correct DCC address is selected on your controller.
  - Inspect for any physical obstructions preventing wheel rotation.
- **Erratic Movement or Stalling:**
  - Clean wheels and track thoroughly.
  - Check for loose wiring or poor electrical contact between the locomotive and track.
  - Ensure the track is laid smoothly and without kinks.
- **Derailment:**
  - Check track gauge and ensure all wheels are correctly seated.
  - Verify that the minimum curve radius requirement (Radius 2) is met for your layout.
  - Inspect for any bent axles or damaged wheelsets.
- **No Sound (if decoder installed):**
  - Ensure the sound function is enabled on your DCC controller.
  - Check the decoder's manual for specific sound function numbers.
  - Verify the decoder is correctly seated in its socket.

## 8. Specifications

| Feature      | Detail |
|--------------|--------|
| Model Number | R30132 |

| Feature                         | Detail  |
|---------------------------------|---|
| Scale                           | 1:76 (00 Gauge)   |
| Locomotive Type                 | Steam, 2-10-0 Wheel Configuration                             |
| Motor                           | 5 Pole Skew Wound   |
| Buffers                         | Sprung Metal  |
| Minimum Curve Radius            | Radius 2  |
| Decoder Compatibility           | Hornby HM7000-21TxS (Bluetooth and DCC Sound Decoder, 21-Pin) |
| Item Length (without packaging) | 27 cm   |
| Item Height (without packaging) | 5 cm  |
| Item Width (without packaging)  | 3.5 cm  |
| Item Weight (without packaging) | 0.45 kg (15.8 ounces)   |
| Product Dimensions (packaged)   | 16.14 x 4.41 x 6.22 inches                                    |
| Manufacturer Recommended Age    | 14 years and up   |
| Manufacturer                    | Hornby Hobbies LTD  |



Image 5: Close-up view of the locomotive's driving wheels and intricate valve gear mechanism.

## 9. Warranty and Support

For information regarding warranty coverage, technical support, or spare parts for your Hornby R30132 locomotive, please refer to the documentation included with your product or visit the official Hornby Hobbies LTD website. Contact details for customer service are typically provided in the product packaging or on the manufacturer's website.

