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TomyTEC 92378

TomyTEC TOMIX N Gauge E233-3000 Series 5-Car Train Set

Model: 92378

Brand: TomyTEC

Introduction

Thank you for purchasing the TomyTEC TOMIX N Gauge E233-3000 Series 5-Car Train Set, Model 92378. This highly detailed model train set is designed for enthusiasts and collectors, replicating the E233-3000 series commuter train. This manual provides essential information for the safe assembly, operation, and maintenance of your model train set to ensure long-lasting enjoyment.
Please read this manual thoroughly before operating the train set and keep it for future reference.

Safety Information

To prevent injury or damage to the product, please observe the following safety precautions:

- **Small Parts:** This product contains small parts and is not suitable for children under 3 years of age due to choking hazards. Adult supervision is recommended for younger users.
- **Electrical Components:** The train set operates with electrical power. Ensure all connections are secure and dry. Do not operate near water. Disconnect power before performing any maintenance or adjustments.
- **Ventilation:** Ensure adequate ventilation when operating the train set, especially if using a power pack that generates heat.
- **Handling:** Handle train cars and track sections with care to avoid damage to delicate components.
- **Intended Use:** This product is designed for hobby use as a model train. Do not use it for any other purpose.

Package Contents

Please verify that all components are present and undamaged upon opening the package. The TomyTEC TOMIX N Gauge E233-3000 Series 5-Car Train Set (Model 92378) typically includes:

- E233-3000 Series Train Cars (5 units)
- Instruction Manual (this document)
- Accessory parts (e.g., destination stickers, antenna parts, signal flares, etc. - specific to model)

Note: Track sections, power unit, and other accessories are sold separately unless specified as part of a starter set.

Setup

1. Track Placement

Lay your N gauge track on a flat, stable surface. Ensure all track sections are securely connected and form a continuous circuit. Avoid placing tracks near edges where the train could fall.

2. Train Car Assembly and Connection

Carefully remove the train cars from their packaging. Connect the 5 train cars together using the provided couplers. Ensure each car is facing the correct direction to form the complete train set. Some models may require attaching small detail parts like antennas or destination indicators. Refer to the specific diagrams included with your model for precise attachment instructions.



Figure 1: The TomyTEC TOMIX N Gauge E233-3000 Series 5-Car Train Set. This image displays the complete 5-car formation of the E233-3000 series train, ready for placement on the track.

3. Power Connection

Connect your TOMIX power unit (sold separately) to the track feeder wire. Then, connect the track feeder wire to a designated feeder track section. Ensure the power unit is switched off before making any connections. Plug the power unit into a suitable electrical outlet.
Place the assembled train set onto the track, ensuring all wheels are properly seated on the rails.

Operating Instructions

Once the track and train are set up and power is connected:

1. **Power On:** Turn on your TOMIX power unit.
2. **Direction Control:** Use the direction switch on your power unit to select forward or reverse motion.
3. **Speed Control:** Slowly turn the throttle knob on your power unit to increase the train's speed. Start slowly to prevent derailment.
4. **Stopping:** To stop the train, slowly turn the throttle knob counter-clockwise until the train comes to a complete halt.
5. **Lights:** The E233-3000 series model features working head and tail lights. These typically illuminate automatically based on the direction of travel.

Always operate your train set on a clean track and ensure no obstructions are present.

Maintenance

Regular maintenance will prolong the life and performance of your model train set.

- **Track Cleaning:** Regularly clean track surfaces with a specialized track cleaning fluid and cloth to ensure good electrical contact. Dust and dirt can impede performance.
- **Wheel Cleaning:** Periodically clean the wheels of your train cars, especially the locomotive's drive wheels, using a cotton swab dampened with isopropyl alcohol. This removes accumulated grime that can affect electrical pickup and traction.
- **Lubrication:** The locomotive's moving parts may require occasional lubrication. Refer to the specific locomotive manual (if applicable) for recommended lubrication points and types of lubricant. Use only model-specific lubricants.

- **Storage:** When not in use, store the train cars in their original packaging or a protective case to prevent dust accumulation and damage. Keep them away from direct sunlight, extreme temperatures, and high humidity.

Troubleshooting

Problem	Possible Cause	Solution
Train does not move.	• Power unit off or unplugged. • Loose track connections. • Dirty track or wheels. • Train not properly on track.	• Ensure power unit is on and plugged in. • Check all track connections for tightness. • Clean track and train wheels. • Carefully re-seat the train on the track.
Train derails frequently.	• Uneven track surface. • Improperly connected cars. • Excessive speed in curves. • Damaged wheels or couplers.	• Ensure track is on a flat, stable surface. • Verify all cars are correctly coupled. • Reduce speed, especially on curves. • Inspect wheels and couplers for damage; replace if necessary.
Lights flicker or do not work.	• Dirty wheels or track. • Loose electrical contacts.	• Clean wheels and track thoroughly. • Check for secure connections within the train cars (if accessible and user-serviceable).

Specifications

Brand:	TomyTEC
Model Number:	92378
Scale:	N Gauge
Train Series:	E233-3000 Series
Number of Cars:	5-Car Set
Parcel Dimensions:	30.8 x 21.5 x 3.4 cm
Item Weight:	657.71 g
Recommended Age:	36 months - 50 years (Manufacturer's recommendation)
Assembly Required:	No (Minor detail attachment may be required)
Special Feature:	Portable

Warranty and Support

TomyTEC products are manufactured to high quality standards. For specific warranty information, please refer to the

documentation included with your purchase or visit the official TomyTEC website. If you encounter any issues or require technical assistance, please contact TomyTEC customer support or the retailer from whom you purchased the product.

Manufacturer: Tommy Tech

Website: www.tomytec.co.jp (Please note this is a general link and may not lead directly to support for this specific model.)

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