

## LEGO 10428

# LEGO DUPLO Town Big Interactive Community Train Set

## INSTRUCTION MANUAL

Brand: LEGO | Model: 10428

### 1. Product Overview

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The LEGO DUPLO Town Big Interactive Community Train Set (Model 10428) is designed for toddlers aged 3 and up, offering an engaging and educational play experience. This comprehensive set includes a Push&Go train, various interactive elements, and figures to stimulate imaginative play and problem-solving skills.

Key features include:

- **Detailed Features:** Connectable carriages, train wash, charging station, station building, and 16 track building blocks.
- **Interactive Play:** Four diverse toy figures, a cat figure, and numerous accessories for storytelling.
- **Educational & Learning:** Encourages problem-solving as toddlers determine the train's route and destination.
- **Realistic Experience:** Five action bricks with lights and sounds, requiring 4x 1.5V AAA alkaline batteries (not included).
- **Expandable Play:** Compatible with the free LEGO DUPLO Interactive Trains app for additional sound effects and locomotive control.



Figure 1.1: Complete LEGO DUPLO Town Big Interactive Community Train Set.

## 2. Setup and Assembly

Follow these steps to assemble your LEGO DUPLO Town Big Interactive Community Train Set and prepare it for play.

1. **Unpack Components:** Carefully remove all pieces from the packaging. Ensure all 103 pieces, including the train, track segments, figures, and accessories, are present.
2. **Install Batteries:** The interactive train engine requires 4x 1.5V AAA alkaline batteries. Locate the battery

compartment on the underside of the train engine, open it with a small screwdriver, insert the batteries, and secure the cover. *(Batteries not included)*

3. **Assemble Track:** Connect the 16 track building blocks to form a complete loop. Experiment with different track layouts to create unique railway adventures.
4. **Construct Buildings and Features:** Assemble the station building, train wash, charging station, and other interactive elements according to the visual guides.
5. **Place Figures and Accessories:** Position the four diverse toy figures, the cat figure, and other accessories around the track and within the buildings to set the scene for play.



Figure 2.1: Unpacked components ready for assembly.

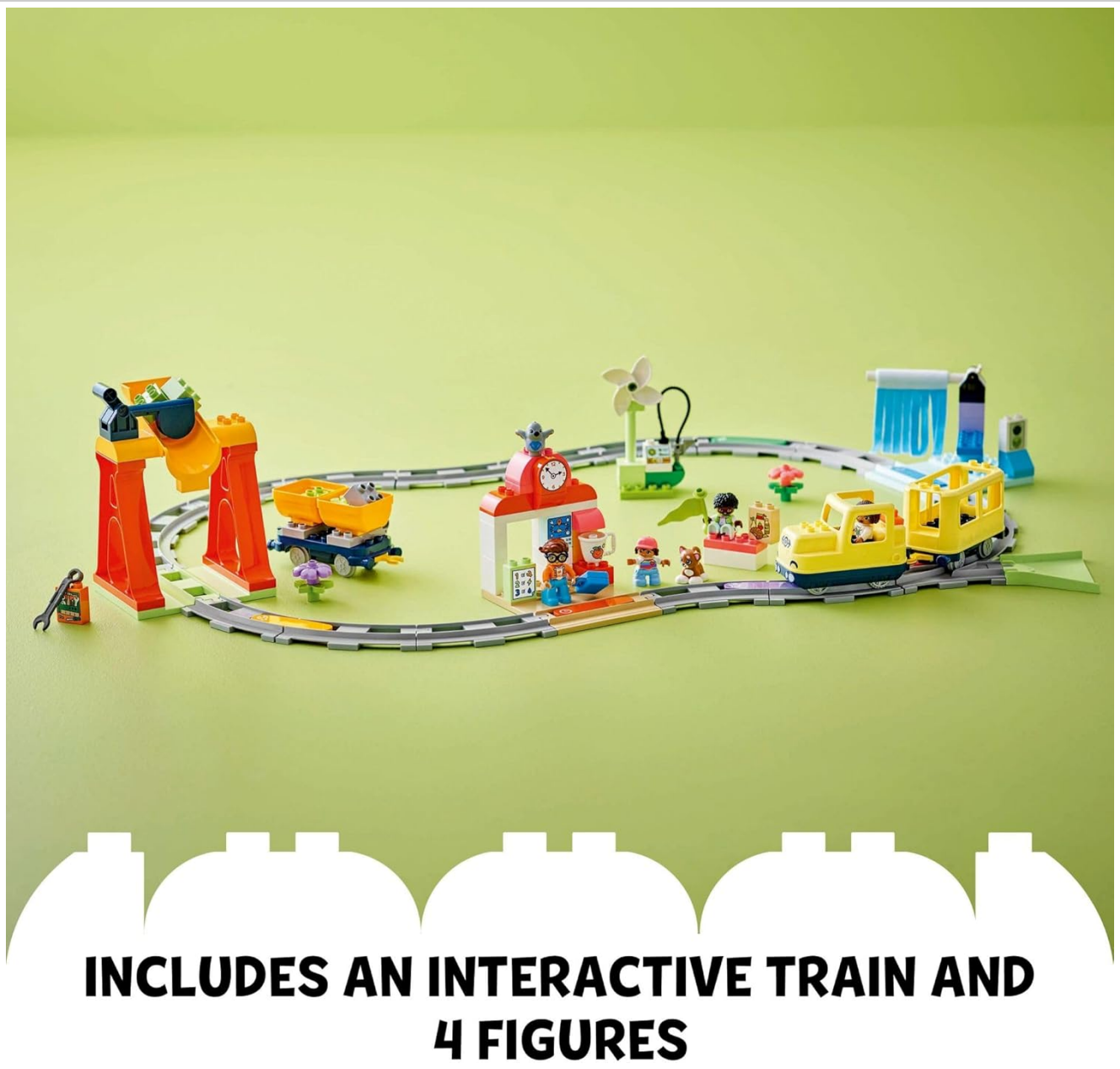


Figure 2.2: An example of the assembled train set layout.

### 3. Operating Instructions

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The LEGO DUPLO Interactive Community Train is designed for intuitive play. Here's how to operate its various features:

- **Push&Go Operation:** Gently push the train forward or backward to activate its motor. The train will continue to move in that direction until stopped or it encounters an action brick.
- **Action Bricks:** Place the five colored action bricks on the track. As the train passes over them, it will trigger specific lights and sounds:
  - **Red Brick:** Stops the train.
  - **Yellow Brick:** Changes direction.
  - **Green Brick:** Activates horn sound.
  - **Blue Brick:** Turns on headlights.
  - **White Brick:** Refueling sound.

- **Interactive Elements:**

- **Loading Bay:** Use the crane to load and unload cargo blocks from the train's carriage.
- **Train Wash:** Guide the train through the wash station for a simulated cleaning.
- **Charging Station:** Position the train at the charging station to simulate recharging.
- **Station Building:** Engage figures in role-play scenarios at the train station.

- **LEGO DUPLO Interactive Trains App:** Download the free app on a compatible electronic device to enhance play. The app allows for recording custom sound effects and controlling the locomotive digitally.



Figure 3.1: Interactive play elements including cargo loading and train wash.



3+



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## TODDLERS LEARN DEVELOPMENT SKILLS THROUGH PLAY

Figure 3.2: Child engaging with the train set, demonstrating interactive play.

### 4. Care and Maintenance

Proper care will ensure the longevity and continued enjoyment of your LEGO DUPLO train set.

- **Cleaning:** Wipe down LEGO DUPLO bricks and train components with a damp cloth. For stubborn dirt, use a mild soap solution and rinse thoroughly. Do not submerge the electronic train engine in water.
- **Storage:** Store the set in a clean, dry place away from direct sunlight and extreme temperatures to prevent warping or fading of plastic components.
- **Battery Care:** Remove batteries from the train engine if the toy will not be used for an extended period to prevent leakage. Dispose of used batteries responsibly.
- **Inspection:** Periodically inspect all components for any damage or wear. Replace any broken or worn parts to maintain safe operation.

## 5. Troubleshooting

If you encounter issues with your LEGO DUPLO train set, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Train does not move or lights/sounds do not work.	Batteries are dead or incorrectly installed. Train motor is jammed.	Replace with fresh 1.5V AAA alkaline batteries, ensuring correct polarity. Check for any obstructions around the wheels or motor.
Action bricks do not trigger effects.	Action brick is not correctly placed on the track. Train sensor is dirty or obstructed.	Ensure the action brick is flat and securely clicked into the track. Clean the sensor on the underside of the train engine with a soft, dry cloth.
LEGO DUPLO Interactive Trains app connectivity issues.	Bluetooth not enabled on device. App or train firmware needs update. Interference from other devices.	Ensure Bluetooth is enabled on your device and the train is powered on. Check the app store for updates to the LEGO DUPLO Interactive Trains app. Refer to LEGO's official support for train firmware update instructions. Move away from other Bluetooth or wireless devices that may cause interference.

If problems persist, please contact LEGO Customer Service for further assistance. Visit [www.lego.com/service](http://www.lego.com/service) for support information.

## 6. Product Specifications

Feature	Detail
Product Dimensions	20.59 x 18.9 x 4.88 inches
Item Weight	5.22 pounds
Model Number	6470496 (LEGO 10428)
Manufacturer Recommended Age	3 years and up
Number of Pieces	103
Battery Requirement	4x 1.5V AAA alkaline batteries (not included)
Release Date	January 1, 2025
Manufacturer	LEGO

## 7. Warranty and Support

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LEGO products are manufactured to high-quality standards. For specific warranty information regarding your LEGO DUPLO Town Big Interactive Community Train Set, please refer to the official LEGO website or contact their customer service directly.

### Customer Support:

- **Online Support:** Visit the official LEGO Customer Service page for FAQs, building instructions, and contact options: [www.lego.com/service](http://www.lego.com/service)
- **Replacement Parts:** If you need to replace a missing or broken part, you can often order them directly from the LEGO website.

Additionally, protection plans may be available for purchase through retailers. These plans offer extended coverage beyond the manufacturer's warranty. Please check with your point of purchase for details on available protection plans.