GT4550

1:87 SCALE
ELECTRIC MODEL TRAIN SET
WITH METAL TRACKS



Instruction Manual

WARNINGS

- Not suitable for children under 3 years, small parts may present a choking hazard.
- Recommended for children aged 14 years and over.
- Adult supervision is required during operation.
- Remove all packaging materials before giving the toy to a child and dispose of the materials safely.
- Do not modify or attempt to repair the train.
- Do not use the train if any component is damaged or loose.
- Keep the train away from water, heat or excessive moisture.

Operation & Care:

- Only operate the train indoors or in a suitable open area away from obstacles.
- Switch off the train when not in use.
- Store the product in a cool, dry location away from direct sunlight.
- Clean the product using a soft, dry cloth.
- Do not use water, solvents or abrasive cleaners.
- Do not immerse any part of the product in water.

Maintenance & Care:

- If the locomotive is used frequently, apply one drop of non-resinous, acid-free sewing machine oil to the wheel assemblies.
- To ensure smooth operation and good traction, run the locomotive without a load for approximately 25 minutes in the forward direction and 25 minutes in reverse before regular use.
- Keep the tracks clean to maintain optimum performance.

Model Train Track and Controller Operation Manual

CAUTION – ELECTRIC TOY

Not recommended for children under 14 years of age. As with all electrical products, precautions should be observed during handling and use to prevent electric shock.

CAUTION – ELECTRIC TOY

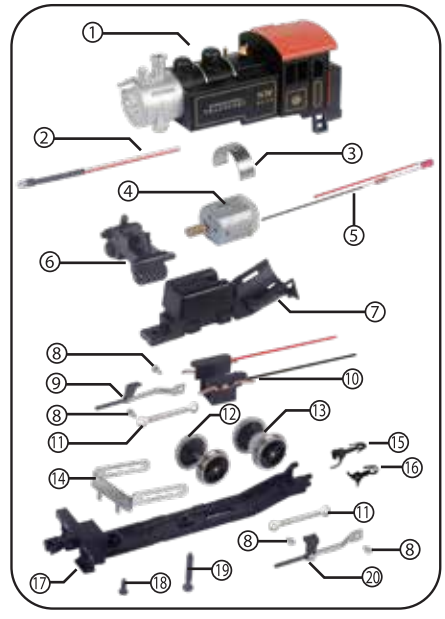
The transformer should be inspected periodically for conditions that may present a risk of fire, electric shock or injury, including damage to the output cord, plug, housing or other parts. If any damage is found, the transformer must not be used until it has been properly repaired.

SETTING UP THE TRAIN

Set up the train only on a flat, sturdy surface. Do not operate it on carpet, as lint and dirt may enter the motor and wheels and cause operating problems. Mount the track on a permanent surface, such as a table or plywood sheet. To reduce noise and improve realism, the track may be secured to the surface. Elevated track sections and trestle sets should always be firmly attached to a strong surface to support the train as it travels up and down slopes.

Product Diagram:

No.	Part Name
1	Boiler Cover
2	Connecting Rod
3	Connecting Rod
4	Motor
5	Drive Shaft
6	Gearbox
7	Chassis
8	Electrical Contact
9	Pickup Spring
10	Gear Assembly
11	Screw
12	Drive Wheel
13	Tyre
14	Base Frame
15	Screw
16	Washer
17	Front Bogie
18	Coupler Spring
19	Coupler
20	Rear Coupler



THE TRACK

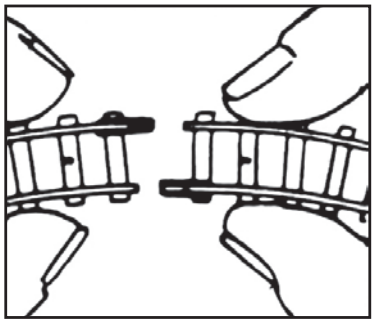
The rails are made of metal and carry electrical current. The sleepers are made of plastic to keep the rails insulated from each other. Do not allow coins or other metal objects to bridge the gap between the rails, as this may cause a short circuit and damage the controller. Rail joiners are fitted to the ends of each track section. They are designed to hold the track sections securely together and are essential for reliable operation. When assembling the track, do not bend or move the rail joiners excessively from side to side or up and down, as this may loosen them and prevent the track sections from fitting securely.

Connecting the Track Sections

Connect the track sections by carefully sliding the rail joiners together. Ensure that the rails are properly aligned and securely connected.

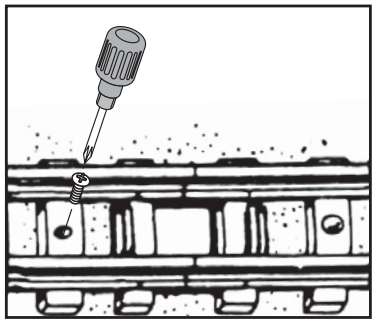
Securing the Track

The track may be secured to a suitable surface using small track nails. Do not drive the nails in too tightly, as this may distort the track and affect train operation.



Connecting the rails together

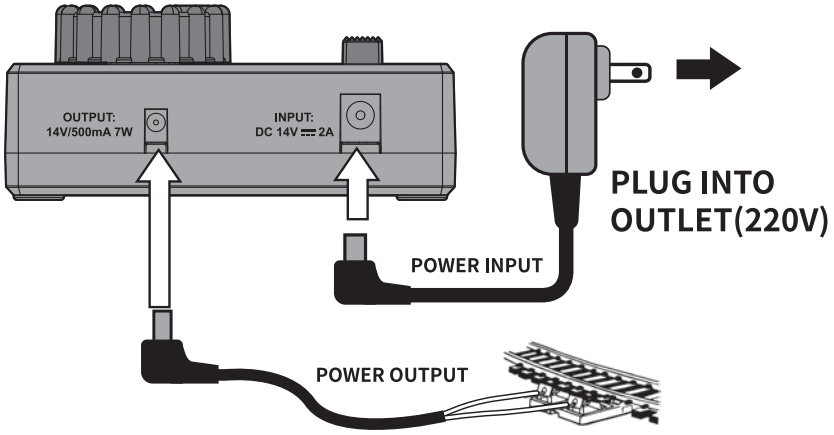
For nailing down the track



THE POWER PACK

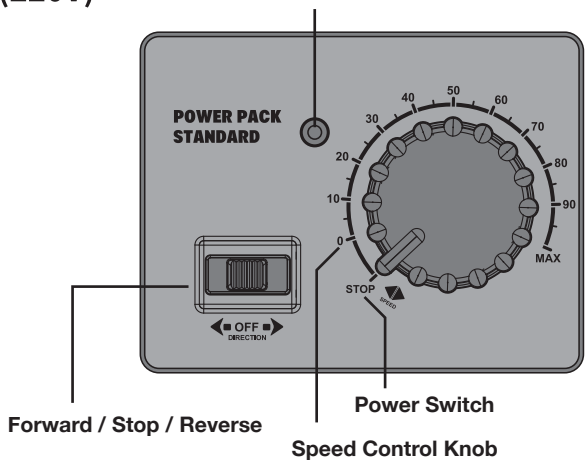
IMPORTANT: OPERATE THE TRAIN ON D.C. TRACK ONLY

The train is powered by a power pack connected to a household power outlet. This train operates on D.C. track only. Connect the track wires only to the terminals marked D.C. on the power pack. Do not connect them to terminals marked A.C., as this may damage the motor. The A.C. terminals are intended for accessories only and must not be used to operate the train. Use the direction control lever to change the train's direction. Always bring the train to a complete stop before changing direction. When the train is not in use, switch off the power pack and unplug it from the power outlet. Only plug in the power pack when the train is ready to operate.



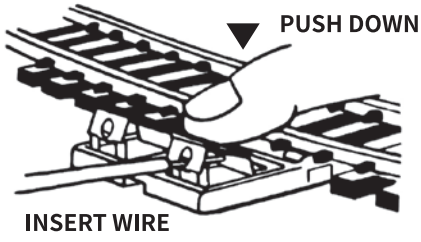
SHORT-CIRCUIT PROTECTION

- When the system is operating normally, the red indicator light remains on.
- If a short circuit or other fault occurs, the red indicator light flashes.
- Switch off and unplug the power pack before checking the track or wiring



CONNECTING THE TRACK WIRE

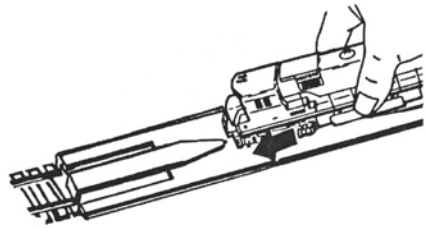
Press down on the top of the spring terminal. Insert the exposed end of the wire into the opening. Release the spring terminal to secure the wire.



MAKE SURE EXPOSED WIRES DO NOT TOUCH EACH OTHER.

CLEANING THE RAILS

Reliable operation depends on keeping the rails clean. Over time, dirt may build up on the rails and cause the train to run more slowly or inconsistently. This occurs because dirty rails may prevent sufficient electrical current from reaching the locomotive. Clean the rails regularly using a clean, dry cloth or a soft eraser. Do not use steel wool, wire brushes or solvents that are not specifically designed for model railway tracks, as these may damage the rails.

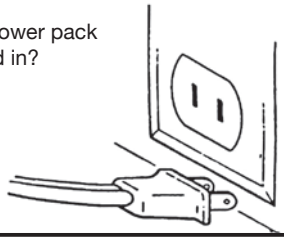


RERAILER

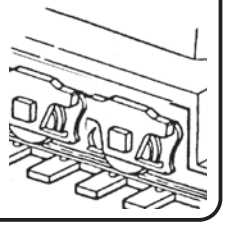
Some sets include a separate rerailer instead of a rerailer terminal track.Place the rerailer over the track, then gently slide the locomotive or carriage down the ramp and onto the rails.

TROUBLESHOOTING – IF YOUR TRAIN DOES NOT RUN

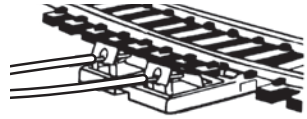
Is the power pack plugged in?



Are all locomotive wheels correctly positioned on the rails?



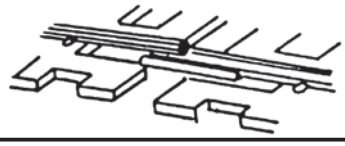
If the terminal track uses screws, are the exposed wires making proper contact?



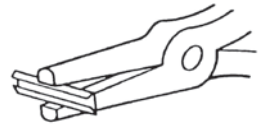
Is there a metal object lying across the rails?



Are all rail joiners properly connected and secure? Are the rails clean?



If a rail joiner is loose, carefully remove it, gently squeeze the centre with pliers and reinstall it.



Warranty Information

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.
If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.
This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.
Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.
To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.
Any expenses relating to the return of your product to the store will normally have to be paid by you.
The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:
Electus Distribution
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