

Märklin 60657

Märklin 60657 Mobile Station User Manual

Brand: Märklin | Model: 60657

1. INTRODUCTION

The Märklin 60657 Mobile Station is a digital hand control unit designed to enhance your model railway experience. It allows for precise control of locomotives and magnetic items within your Märklin digital system. This manual provides essential information for setting up, operating, and maintaining your Mobile Station.

Key features include:

- Control of up to 11 locomotives with direct access.
- Locomotive selection from an integrated Märklin digital locomotive database or via digital addresses.
- Switching of 16 locomotive functions and 320 magnetic items.
- Automatic display of function states on a backlit b/w full graphic display.
- Built-in locomotive card reader.
- Red illuminated stop button for immediate halt.
- Compatibility with Motorola, mfx, and DCC formats for driving and controlling vehicles.
- Compatibility with Motorola and DCC formats for switching magnetic articles.



Figure 1: Front view of the Märklin 60657 Mobile Station, showing the display, control knob, and various buttons.

2. SAFETY INFORMATION

Warning: Not suitable for children under 3 years. This product may contain functional sharp edges and tips. Choking hazard due to small parts that can be broken off and swallowed. Store packaging out of reach of children.

3. SETUP

To connect your Märklin 60657 Mobile Station, you will need a compatible connection box. The following connection boxes are required:

- For Track 1: Connection box 60114 or 60112.
- For H0: Connection box 60116 or 60113.

The Mobile Station requires a 1.9 A power part, which is integrated into the optionally available track box (e.g., 60114 or 60112/60116 or 60113).

1. Ensure your model railway system is powered off before making any connections.
2. Connect the Mobile Station (60657) to the appropriate connection box (e.g., 60114 or 60116).
3. Connect the connection box to your model railway track system.
4. Power on your model railway system. The Mobile Station display should illuminate.

Up to two Mobile Stations (60657) can be connected independently to the track box for multi-user operation.

4. OPERATING INSTRUCTIONS

The Mobile Station provides intuitive control over your digital model railway.

4.1. Locomotive Control

You can control up to 11 locomotives with direct access. Locomotives can be selected from the integrated Märklin digital locomotive database or by entering their digital addresses.

- **Selecting Locomotives:** Use the navigation buttons or the rotary knob to browse and select locomotives from the database.
- **Driving Locomotives:** Use the large red rotary knob to control the speed and direction of the selected locomotive.
- **Locomotive Functions:** The Mobile Station supports 16 locomotive functions. These functions are displayed on the screen with self-explanatory pictograms for mfx locomotives or when selected from the digital locomotive database. Use the function buttons to activate/deactivate these functions (e.g., lights, sound).



Figure 2: The Mobile Station display showing active locomotive functions (F24-F31) and a locomotive icon.

4.2. Magnetic Item Control

The Mobile Station allows you to switch up to 320 magnetic items (e.g., turnouts, signals) in Motorola and DCC formats.

- Navigate to the magnetic item control menu.
- Select the desired magnetic item.
- Use the appropriate buttons to switch its state (e.g., turnout left/right, signal red/green).

4.3. Stop Function

Press the red illuminated **STOP** button to immediately halt all controlled locomotives on the track.

4.4. Central Station Integration

When operating the Mobile Station with a Central Station (60216, 60226, and 60213-60215), the Mobile Station can utilize the Central Station's settings, including its full log list and all magnetic items from the Central Station keyboard with their designations.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Märklin 60657 Mobile Station, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents, as they may damage the surface.
- **Storage:** When not in use, store the Mobile Station in a dry, dust-free environment, away from direct sunlight and extreme temperatures.
- **Handling:** Handle the unit with care to avoid dropping or subjecting it to strong impacts, which could damage internal components.
- **Power:** Always disconnect the power supply before cleaning or performing any maintenance.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Mobile Station.

Problem	Possible Cause	Solution
Mobile Station does not power on.	Not properly connected to the track box, or track box not powered.	Ensure the Mobile Station is securely connected to the correct track box (e.g., 60114, 60116). Verify the track box is receiving power.
Locomotive not responding to commands.	Incorrect locomotive selected, or locomotive not on powered track.	Check that the correct locomotive is selected on the Mobile Station. Ensure the locomotive is properly placed on a powered section of the track. Verify the locomotive's digital address matches the one in the Mobile Station.
Functions not activating.	Locomotive does not support the function, or function is already active.	Confirm the selected locomotive supports the desired function. Check the display to see if the function is already active.
Magnetic items not switching.	Incorrect address for magnetic item, or wiring issue.	Verify the digital address of the magnetic item. Check the wiring connections to the magnetic item.

If you continue to experience issues, please refer to the official Märklin support resources or contact their customer service.

7. SPECIFICATIONS

Feature	Detail
Model Number	60657
Brand	Märklin
Dimensions (L x W x H)	160 x 100 x 39 mm
Item Weight	0.54 Kilograms (1.19 pounds)

Feature	Detail
Power Requirement	1.9 A (via track box)
Wattage	5.4 watts
Locomotive Control	Up to 11 locomotives with direct access
Locomotive Functions	16 switchable functions
Magnetic Items	320 switchable items
Supported Formats (Locomotives)	Motorola, mfx, DCC
Supported Formats (Magnetic Items)	Motorola, DCC
Display	Backlit b/w full graphic display
Hardware Interface	USB (likely for internal use/updates, not user-facing)
Compatible Devices	Model railway systems, Märklin Central Station (60216, 60226, 60213-60215)
Manufacturer Recommended Age	15 years and up
Release Date	May 1, 2016

8. WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support for your Märklin 60657 Mobile Station, please refer to the official Märklin website or contact your authorized Märklin dealer. Keep your proof of purchase for warranty claims.

Manufacturer: Gebr.Märklin & Cie.GmbH

EU Spare Part Availability Duration: 1 Year

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