7.2 Operation with the R/C speed controller

The operation is simple. By pressing the buttons on the remote control, you can select the direction of motion, speed level and, depending on the range of functions, switch the accessory output and trigger an emergency stop.

1 x ▲ = Forward driving direction, speed level 1

2 x ▲ = Forward driving direction, speed level 2

If you are already driving forwards with the locomotive, you can use the button ▲ to increase the speed (speed levels). By pressing ▼, you can decrease the speed.

1x ▼ = Recerse driving direction, speed level 1

2x ▼ = Recerse driving direction, speed level 2

If you are already reversing with the locomotive, you can use the button ▼ to increase the speed (speed steps). Press the button ▲ to reduce the speed.

You can press the buttons briefly, which only changes one speed step at a time, or you can keep the buttons pressed, which causes the speed to change continuously.

I = Accessories on/off
(Permanent output at R/C speed controller)

II = Emergency stop

REGULATORY INFORMATION

FCC ID: 2ATRN-35041
FCC Information (USA):
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

35041
R/C Pocket Remote

PIKO MODELLBAHNEN & GEBÄUDEMODELLE

1. General information

Thank you for purchasing the PIKO R/C system for radio operation of garden railway models. Please read this manual carefully in order to use all functions of this device. It is essential that you observe the following safety and warning instructions to ensure trouble-free and safe operation of your model.

2. Safety & warning instructions

The remote control system is designed and approved to be used exclusively for the control of RC models. PIKO accepts no responsibility in the event of any other use. Remote-controlled models are no toys and suitable for model railroaders aged 14 and older. The construction and operation of such models requires special knowledge, technical care, technical understanding and careful, safety-conscious behaviour.

Errors during installation or operation can cause considerable damage to property and personal injury. We as manufacturer and seller have no means of monitoring the proper operation of our products. Therefore we do not assume any liability.

Technical defects of an electrical or mechanical nature can lead to the unexpected starting of a motor, which can seriously injure not only you! An operation of the receiving system without activated transmitter can also lead to this effect.

Protect your remote control from dust, dirt and moisture. Do not expose the devices to excessive heat, cold or vibration. The remote control operation may only be carried out in the specified temperature range from -15°C to +55°C. The remote control may only be operated in the specified temperature range from -15°C to +55°C. Avoid shock and high pressure loads. Always check your remote control for damage to casings, cables and connections.

3. Technical data

Transmitter (Pocket Remote)

Number of channels:	8
Frequency range:	2.4 GHz
Range: approx.	30 m
Power supply:	1x 3V CR2025
Dimensions: approx:	2.68" x 1.42" x 0.63" (68 x 36 x 16 mm)
Weight: approx.	30 g

PIKO Spielwaren GmbH
Lutherstr. 30
96515 Sonneberg
GERMANY

4. Control elements

Key assignment

5. First set-up

The transmitter requires a CR2025 battery for operation. There is a LED at the top of the remote that confirms each operation. If the brightness or range of the remote control decreases, the battery must be replaced.

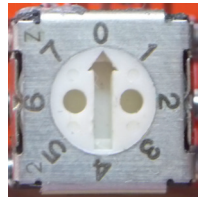
Proceed as follows:

- To insert the cell, lever open the lid with a coin on the recess.
- Carefully insert the button cell into the holder with the plus pole facing up.
- Place the metal bracket back into the bottom of the housing and join the two halves of the housing together.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

6. Channel selection / Synchronization

In order for the receiver to pick up the signals from the transmitter, it must be connected to the corresponding transmitter. This is done by simply selecting a channel using a DIP rotary switch.



The transmitter and receiver are factory-set to channel 0.
Transmitter:

1. Remove the small cover on the back of the transmitter.
2. You now have access to the DIP rotary switch.
3. The arrow direction indicates the set channel.
4. You can adjust the channel by turning it with a small flat screwdriver. Transmitter and receiver must be synchronized accordingly.

7.1 Operation with RC module

Operation with RC module
The operation is simple. By pressing the buttons on the remote control, you can select the direction of travel/speed level and, depending on the range of functions/further accessories, even trigger 2 sound functions*.

1 x ▲ = Forward driving direction, speed level 1

2 x ▲ = Forward driving direction, speed level 2

If you are already driving forwards with the locomotive, you can use the button ▲ to increase the speed (speed levels). By pressing ▼, you can decrease the speed.

1x ▼ = Recerse driving direction, speed level 1

2x ▼ = Recerse driving direction, speed level 2

If you are already reversing with the locomotive, you can use the button ▼ to increase the speed (speed steps). Press the button ▲ to reduce the speed.

You can press the buttons briefly, which only changes one speed step at a time, or you can keep the buttons pressed, which causes the speed to change continuously.

▲ ▼ = Emergency stop

I = Sound triggering 1, e.g. a bell*

II = Sound triggering 2, e.g. a horn*

*Only in combination with appropriate accessories with Reed contact tripping.