



SMARTCONTROL

PIKO
SMARTCONTROL

PIKO SmartControl® –
the digital future of
model train control!

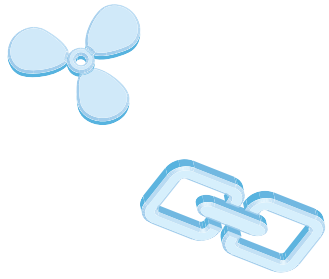


Automatic detection and registration of locomotives
(if equipped with RailComPlus®-decoder)

Programming
on the main and on a dedicated programming track

Automatic updates
through Google Playstore





brilliantly simple – simply brilliant

Station announcements, lights, engine sounds, conductor whistle – modern model trains bring your layout to life with realistic effects. Controlling these functions has to be easy so that repeatedly checking the display does not detract from the model railroading fun. The PIKO SmartControl system is the perfect choice for the model railroader looking for a convenient state of the art digital control system. It is suitable for all scales from Z through HO as well as all two-rail track systems and it combines the advantages of a smartphone-based system with the specific requirements of a model train control system.

PIKO SmartController®

Using the wireless PIKO SmartController handset you can select and control your trains, switches, and signals by the simple touch of a finger on the high-resolution touch screen. Thanks to the Android operating system, using the handset is just as easy and intuitive as using your smartphone. Icons show the available features at all times. A large metal dial allows for precise speed control and “eyes-off” operation. The speed dial will automatically adjust to the current speed step every time you switch locomotives.

Just like the locomotives, all your switches and signals can be named. Additionally they can be assigned icons to better distinguish between them.

Decoder and system settings can be conveniently configured using the touch screen.

When not in use, the high-capacity battery is charged via the USB connector.

Please note:

The PIKO SmartController can only be used in conjunction with the PIKO SmartBox. The PIKO SmartBox sends the commands to the locomotives and accessories. You can use up to 32 PIKO SmartControllers with a PIKO SmartBox.

PIKO SMARTCONTROLLER

The powerful PIKO SmartController has the following main features:

- + Android 4.1.x operating system
- + ARM CPU with > 1 GHz clock speed, 512 MB RAM, 2 GB Flash ROM
- + 3.2" TFT display, 800x400 resolution
- + Capacitive multi-touch panel with softkeys
- + Powered dial with end stop and micro switch for changing direction.
- + 2 user-customizable function buttons on each side.
- + USB port for software updates and battery charging.
- + Internal battery, 5 to 8 hours of battery life.
- + Internal battery can be removed by removing two screws and unplugging it.
- + 3.5 mm stereo headset port (microphone & headphone)



55041 PIKO SmartController

- PIKO SmartController
- USB Charger for SmartController w/Cable
- PIKO Lanyard
- User manual



Locomotives

The internal database can hold more than 16,000 locomotives with individual names and symbols and up to 28 functions per locomotive.

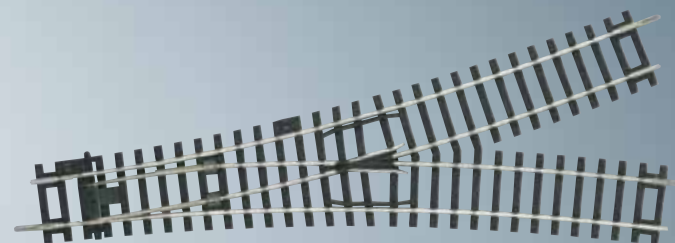


Consisting

Up to 4 locomotives per consist.
The system creates a virtual consist.



WLAN



Switches and accessories

More than 1,000 accessories or switches can be configured in the system and switched graphically.



PIKO SmartBox



55046
Desktop-style power supply 230 V



55048
Desktop-style power supply 120 V



PIKO SmartController

PIKO Smartbox®

The handheld PIKO SmartController communicates via wireless LAN with the PIKO SmartBox, which connects to the track to supply both power and digital signals to trains and accessories. The integrated 5A booster in the SmartBox allows it to power even large layouts with no problem.

Locomotives with RailComPlus® decoders will register automatically and will automatically provide their function key icons to the system. A separate programming track comes in handy when configuring other DCC-compliant decoders. Thanks to RailComPlus®, decoder settings can be modified on the main track.

The PIKO SmartBox communicates with the PIKO SmartController via wireless LAN. Both components connect automatically. No additional configuration, download or equipment purchase is required. All necessary components as well as a power supply are included with the system.

For expanding layouts, additional boosters and occupancy detectors can be connected to the PIKO SmartBox without difficulty. A PC running model railroad control software can also be connected to the system via wired or wireless LAN. Multiple PIKO SmartController handsets can be used simultaneously with a single PIKO SmartBox.

If desired, the PIKO SmartBox can be integrated into your home network. This will make installing updates especially easy.

PIKO SMARTBOX

The powerful PIKO SmartBox® has the following main features:

DCC Central Station with RailComPlus

- + All DCC modes (14, 28, 128 speed steps, LGB serial) long and short addresses are supported.
- + Up to 16,384 locomotives.
- + Up to 28 individually assignable functions per locomotive.

Integrated booster for main track, up to 5 A output (adjustable)

- + Suitable for N, TT and H0 scale

Integrated programming track output for decoder programming

- + Full support of all DCC service mode commands
- + Import all decoders used by PIKO to date (Excludes old AnDi decoders!)
- + Import locomotives

DCC-compliant booster interface

- + CDE Interface

Wireless LAN receiver for the PIKO SmartController

- + Standalone mode: The PIKO SmartBox will create a wireless network for the controllers, no internet access
- + Accesspoint: The PIKO SmartBox connects to your home network
- + Up to 32 wireless controllers
- + WLAN module for connecting to all common WLAN access points
- + Compliant with all relevant IEEE WLAN standards. Suitable for use in America and Europe

Ethernet-Port

- + Connection to home network for software updates and computer interface

Loconet-T Extension Port

- + Wired controllers
- + Occupancy detectors

Power Supply

- + DC 5.5 mm / 2.1 mm socket for external regulated DC power supply.
- + Low voltage monitoring and auto shut-off

Products, specifications and availability subject to change.

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RailComPlus® is a registered trademark of Lenz Elektronik GmbH, Gießen.

Enter the digital future of
model train control!

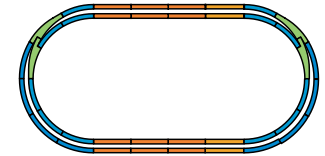
Premium Train Sets



With these sets, PIKO offers the ideal entry to digital model railroading. They contain all components of the PIKO SmartControl digital system as well as digital sound locomotives and large layouts, allowing maximum model railroading fun right out of the box .

The Premium Train Sets contain:
PIKO SmartController, PIKO SmartBox, Safety-
Approved Power Supply - Output: 16VDC@ 2.25A,
USB power supply incl. cable as well as
PIKO lanyard and user manual. These digital
components are also available separately as:
55040 PIKO SmartControl Basic Set





59114 PIKO Premium SmartControl Starter Set, ICE3 & Freight Train with Sound

Two modern train sets that can be individually controlled by the wireless PIKO SmartControl® system provide endless model train fun. Two large track ovals that are connected by multiple curved switches showcase the advantages of

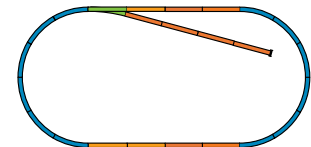
the PIKO SmartControl® system and allow for realistic train operation. The locomotives are equipped with LokSound decoders. A variety of locomotive-specific sounds can be triggered individually.



59112 PIKO Premium SmartControl Starter Set, RegioExpress with Sound

The DB AG's most modern diesel locomotive pulls the DB Regio train made up of double deck cars. The wireless PIKO SmartControl® system allows for independent digital control of the train on the large track oval with passing siding. This makes for maximum model railroading fun.

The locomotive is equipped with a LokSound Decoder. The decoder provides a total of 23 functions that can be triggered individually, such as engine sounds, horns, brake squeal, switching, as well as other sounds like station announcements.



59113 PIKO Premium SmartControl Starter Set, Tank Train with Sound

The modern electric locomotive in MRCE livery pulls a tank car train. The wireless PIKO SmartControl® system allows for independent digital control of the train on the large track oval with storage track. Cars can be switch

to and from the storage track. The locomotive is equipped with a LokSound Decoder. The decoder provides a total of 23 functions that can be triggered individually, such as engine sounds, horns, brake squeal, switching, as well as other sounds like station announcements.

Major milestones



simple



brilliant



simply brilliant

**Try PIKO SmartControl®
at your retailer!**

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