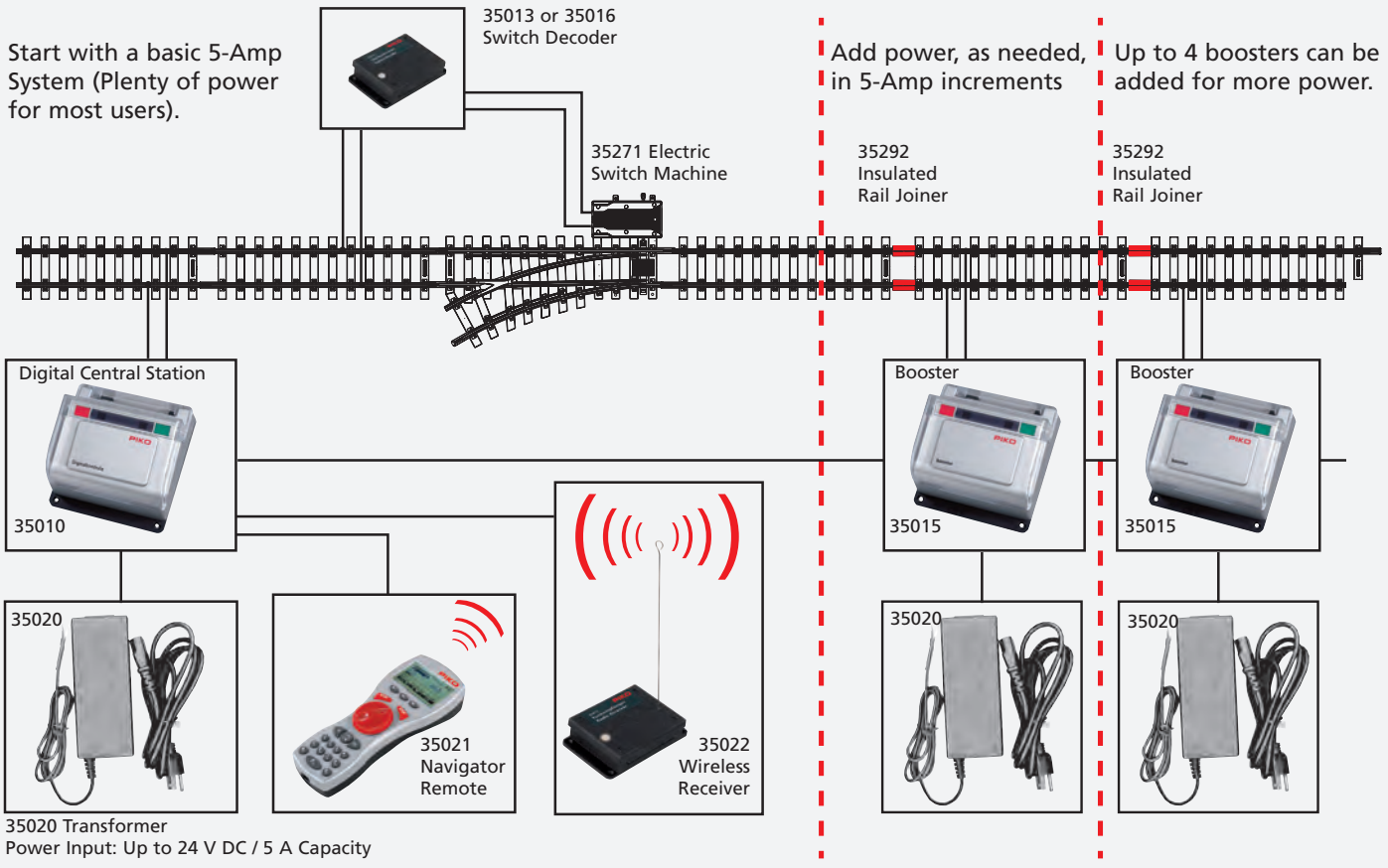
The PIKO G Digital System

OVERVIEW

The user-friendly and powerful PIKO G Digital System allows advanced tethered or wireless walk-around remote control operation of multiple trains and accessories.



35020 Transformer
Power Input: Up to 24 V DC / 5 A Capacity

35010 Digital Central Station 20 V / 5A

The Digital Central Station is the main unit for G-Scale digital operation. It provides up to 24 volts and 5 amps to the track (depending on the power supply - PIKO 35020 is recommended) allowing for operation of several locomotives and long trains at the same time. The Central Station conforms to NMRA DCC standards and is compatible with DCC decoders from other manufacturers. STOP and RESET buttons are conveniently located for easy access. LEDs indicate operating status. Quick and secure electrical hook-up to the power supply and the layout is made through 4 reliable clamp connectors. Controller connection between the 35010 Central Station and the 35021 Navigator remote can be either wired or, with the addition of the 35022 Wireless Receiver, wireless for added convenience.

35015 Digital Booster

If you need more power than the 5 amp capacity of the Central Station, your layout can be divided into electrically separated "blocks", with each additional block powered by a transformer (PIKO 35020) and a 35015 Digital Booster. Each Booster transmits the digital signal from the Central Station and provides power to its block. Trains pass seamlessly from one block to another. Up to 4 Boosters can be added, giving you a total layout capacity of up to 25 amps.
Input: 16-24 V DC/AC, max. 5 A
Output: Up to 24 V DCC regulated, max. 5 A

35021 Navigator (Digital Handheld Remote)

The Navigator is the handheld remote controller for either the 35010 Digital Central Station or the 35002 Analog Throttle. The large backlit display enables simple and clear operation. Two functions (for example, running a locomotive and throwing a track switch) can be controlled at the same time.

The controls are designed so that nearly all functions can be operated with a single hand. The Navigator can be connected to the Central Station via the included cable or, using the built-in wireless transmitter in conjunction with the add-on 35022 Wireless Receiver, connected wirelessly to allow free movement around the layout. Locomotive symbols and user-programmed locomotive names allow for easy recognition and operation of many trains. Additional capabilities include activating locomotive functions, controlling switch routes, operating multi-locomotive consists and decoder programming.

Navigator Features:

- Large backlit display with easy menu-based control
- Locomotive configuration with alpha-numeric names and pictograms
- 10,239 available loco addresses
- 14, 28 and 128 speed step capability
- 2048 switch addresses
- Activation of NMRA functions F1 through F16
- Parallel and Serial data transmission capability
- Bi-directional communication
- Split-screen display allows simultaneous operation of two devices (for example, running a loco and throwing a track switch)
- Multi-protocol capable: PIKO, Lenz Xpressnet, DiMAX, MTS III
- Multi-operator capable: Up to 8 Navigators can be used at the same time with the 35022 Wireless Receiver

35022 Wireless Receiver

The Wireless Receiver connects via the included cable to either the 35010 Digital Central Station or the 35002 Analog Throttle and communicates with the 35021 Navigator to allow wireless walk-around control of either digital or analog layouts. Thanks to advanced two-way radio technology, wireless operation is reliable over distances up to about 100 m / 300 feet. The Receiver is splash-protected, so it can be mounted under a cover on outdoor layouts.

35013 Switch Decoder

The Switch Decoder allows digital control of switch machines (such as PIKO 35271), signals and other two-wire momentary-contact accessories.

Each Switch Decoder can operate up to 4 devices.

By adding more Switch Decoders, up to 2048 different switch addresses can be controlled.

The Switch Decoder is splash-protected, so it can be mounted under a cover on outdoor layouts.

Switch Decoder Technical Data:

- Operating voltage: 12-24 volts NMRA-DCC (Short-term 27 volts maximum)
- Total current capacity: 3 amps maximum at one time
- Switch machine outputs: 4 outputs at maximum 1.5 amps each Maximum of 2 switch machines (#35271) per output. The decoder can also operate either motor-drive or twin-solenoid switch machines.
- Switch addresses 1 through 2047 (NMRA-DCC)
- Dimensions: 95 x 64 x 23 mm (3.74" x 2.52" x 0.91")

Products, specifications and availability subject to change without notice.
Preproduction images of some products shown.

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