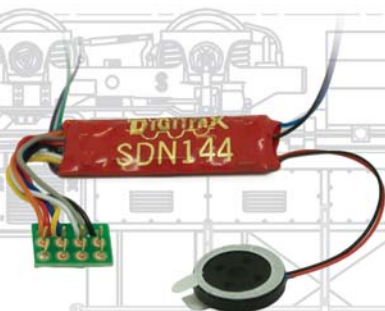
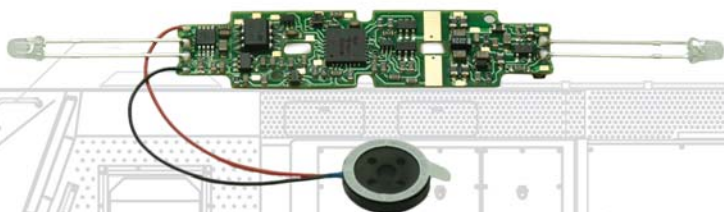


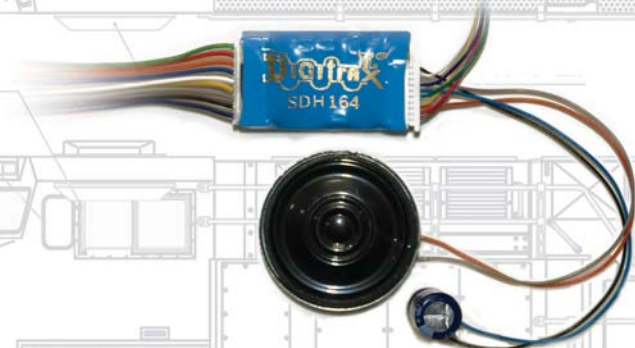
Sounds good to me!



SDN144PS N Scale Mobile Sound Decoder
\$49.95



SDN144K0A N Scale Mobile Sound Decoder
\$69.95



SDH164D HO Scale Mobile Sound Decoder
\$49.95

SUMMER 2010

Digitrax Makes Model Railroading More FUN!

Four Reasons to Choose Digitrax Complete Train Control

1. Award Winning Digitrax Complete Train Control Costs Less & Does More!

- Choose which features you want now
- Expandable for the features you want later
- 3 value priced starter sets
- Prices you can afford
- Easy to Use
- Quality Decoders and Products

2. Outstanding Digitrax Customer Service and Support

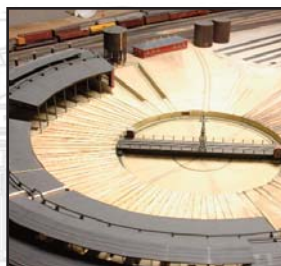
- Complete Train Control is what we do
- Digitrax is a full time professional company
- In-house design and manufacturing
- Digitrax Tech Support Depot 24/7/365 on line help
- Top notch live tech support
- “No Worries Warranty” policy
- Extensive network of factory trained local dealers
- Our number one goal is to make YOU happy!



Go To digitrax.com for more information!

3. Digitrax Complete Train Control Makes Model Railroading More FUN!

- User friendly
- Easy to understand and operate
- Run Your Trains, NOT Your Track
- Plug 'N Play installation
- Getting started is simple
- Makes your models look and run like the prototype
- Expansion is quick and easy with LocoNet



4. LocoNet® - The Digitrax Difference

- Superior system performance at all levels
- Digitrax Complete Train Control system grows with you and your railroad
- Component based system lets you choose the features you want
- More than just DCC, LocoNet lets you build the 'dream layout' you've always wanted
- Something new is always on the horizon at Digitrax and LocoNet lets you add new features as they are developed
- Add the "latest and greatest" technology to your system without the need to replace the Digitrax equipment you already own



Don't wait another day to start having more fun with your railroad with Digitrax Complete Train Control! Digitrax offers three value priced sets for getting started or expanding your Complete Train Control system:



Starter Sets - Zephyr

Zephyr Starter Set
\$199.99 msrp



ZEPHYR™

Zephyr gives you simple to use Digitrax Complete Train Control for a great price. It offers simplified advanced train operation for any size layout. Zephyr has many more exciting features than other comparably priced control systems. Zephyr keeps it simple and still has the features real model railroaders want. Best of all, Zephyr is expandable! You won't have to start over when you want to do more with your railroad.

"Zephyr is so easy to use!"

Your Zephyr Set includes the following:

- DCS50 All-In-One Command Station, Booster & Throttle
- PS315 Power Supply
- LT1 LocoNet Cable/Decoder Test Kit
- Zephyr Quick Start Guide
- Zephyr Manual
- Digitrax Decoder Manual

Don't Get Stuck in a Low-End, Dead-End System!

Zephyr Starter Set **\$199.99 msrp**

Go To digitrax.com/zep for more information!

Simplified Advanced Digitrax Complete Train Control!

Full numeric keypad and large LED display makes it easy to use Zephyr, even for beginners! The large knob controls locomotive speed and the three position lever switch controls forward, brake and reverse. Use the keypad to select the loco you want to run. The other keys on the throttle let you control functions and program decoders.

- Cost effective entry level LocoNet compatible system
- Simple, intuitive operation
- Full numeric keypad for intuitive loco selection and direct function control
- Large easy to read LED display
- Large knob for locomotive speed control
- Toggle switch controls direction and brakes
- Run up to 10 throttles and 10 locomotive addresses
- Over 9000 locomotive addresses and 999 stationary addresses for turnout control
- Direct function control for 10 functions (F0Fwd, F0Rev and F1-F8)
- Constant brightness directional lighting
- Smooth speed control with 128 speed steps
- 2.5 Amps of power to run more trains
- Great for use with N and HO layouts
- Read/Write decoder programming supports all programming modes
- Control acceleration, deceleration, loadable speed tables and all other CVs
- Supports all consisting methods for MU operations
- 2 Jump® Ports let you use DC power packs as throttles on to control digital locomotives and their functions. Jump technology is so unique, it's covered by US Patent 6,536,716.
- Expandability with Digitrax LocoNet



Starter Sets - Super Empire Builder Xtra



\$355.00 msrp

The Super Empire Builder Xtra is designed for most home layouts. It offers excellent speed control, prototypical consist, decoder programming and much more.

Build your railroad empire with Super Empire Builder Xtra!

Your Super Empire Builder Xtra Set Includes:

- DB150 Command Station/Booster
- DT402 Throttle
- UP5 Universal Panel
- LT1 LocoNet Cable & Decoder Test Kit
- Super Empire Builder Xtra Manual
- Digitrax Decoder Manual

Super Empire Builder Xtra Set \$355.00 msrp

**DUPLEX
EQUIPPED**

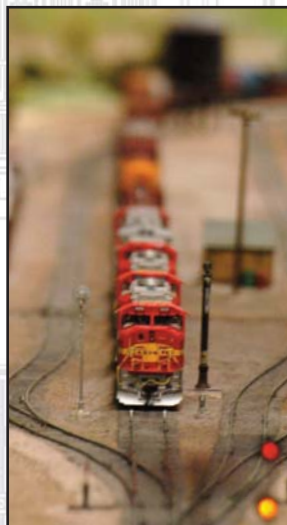
SuperEMPIRE BUILDER xtra
TM

Radio Equipped Super Empire Builder Xtra Set includes a DB150 Command Station/Booster, a DT402D Duplex Super Throttle, a UR92 Duplex Transceiver, an LT1 Cable & Decoder Tester, Manuals. **\$575.00 msrp**

Note: Super Empire Builder Xtra Sets require a power supply that is sold separately or may be supplied by customer. See **Power Supplies** on page 14 for recommended supplies.

Super Empire Builder Xtra Set Offers:

- Easy to use interface makes Complete Train Control simple
- Dual throttle control knobs give you control of two locos at the same time and makes consistng simple
- Full numeric key pad for loco selection, function control and decoder programming
- Simplified 4 digit addressing
- Easy address browsing and selection
- Click encoders for smooth speed control
- Multi-line LCD display puts the information you need at your fingertips
- Convenient step-by-step throttle option set up
- Infra-ready out of the box (with UR90 sold separately)
- Duplex radio equipped version also available
- Supports transponding and cab signaling
- Supports turnout position reporting



Plenty of capacity for most layouts

- Run as many as 22 locomotive addresses
- Run as many as 22 throttles

Supports over 9000 locomotive addresses and 999 stationary decoder addresses

5 Amps of power lets you run more trains

Selectable scale voltage for safe operation in N-G scales

Function control for lighting and sound

- Control 30 functions (F0Fwd, F0Rev and F1-F28)
- F2 key supports playable whistle and variable length whistle blasts
- Constant brightness lighting

Built in decoder programmer accesses all CVs.

- Write only programmer
- Supports paged, operations, direct and register mode programming

Supports all consistng methods

Expandability with Digitrax LocoNet

Starter Sets - Super Chief Xtra

Super Chief Xtra™



\$455.00 msrp



**Maximum capacity, maximum features!
Take it to the Max with Super Chief Xtra!**

The Super Chief Xtra Set Includes:

- DCS100 Command Station/Booster
- DT402 Throttle
- UP5 Universal Panel
- LT1 LocoNet Cable & Decoder Test Kit
- Super Chief Xtra Manual
- Digitrax Decoder Manual

Super Chief Xtra Set 5 Amp **\$455.00 msrp**

Super Chief Xtra Set 8 Amp with DCS200 **\$475.00 msrp**

**DUPLEX
EQUIPPED**

Super Chief Xtra™

Super Chief Xtra Duplex Equipped 5 Amp Set includes a DCS100 Command Station/Booster, a DT402D Duplex Equipped Throttle, a UR92 Duplex Transceiver, an LT1 Cable/ & Decoder Tester, Complete Manuals. **\$665.00 msrp**. Also available with more power! Super Chief Xtra 8 Amp Duplex Equipped Set with DCS200 **\$685.00 msrp**.

Note: Super Chief Xtra Sets require a power supply that is sold separately or may be supplied by customer. See **Power Supplies** on page 14 for recommended supplies.

Super Chief Xtra Maximum Digitrax Complete Train Control Set Offers:

- User interface makes Complete Train Control simple
- Dual throttle control knobs give you control of two locos at the same time and makes consisting simple
- Full numeric key pad for loco selection, function control and decoder programming
- Simplified 4 digit addressing
- Easy address browsing and selection
- Click encoders for smooth speed control
- Multi-line LCD display puts the information you need at your fingertips
- Convenient step-by-step throttle option set up
- Infra-ready out of the box (with UR90 sold separately)
- Supports transponding and cab signaling
- Supports turnout position reporting
- Supports routes/turnout lists

Big layout capacity to operate large home layouts or clubs

Run as many as 120 addresses & 120 throttles at the same time on your system

Supports over 9000 locomotive addresses and 999 stationary decoder addresses

5 Amps of power to run more trains (DCS200 8 Amp version also available.)

Selectable scale voltage for safe operation in N-G scales

Function control for lighting and sound

- Control 30 functions (F0Fwd, F0Rev and F1-F28)
- F2 key supports playable whistle and variable length whistle blasts
- Constant brightness lighting

Built in read/write decoder programmer that can access all CVs

- Supports paged, operations, direct and register mode programming
- Separate programming output lets you continue running trains while programming decoders

Supports all consisting methods

Digitrax LocoNet Expandability

Digitrax LocoNet® Throttles

Easy to use Digitrax LocoNet throttles let you and your friends have more fun with your model railroad. Digitrax throttles are simple to use. In no time at all you'll feel like the engineer in the cab running your trains!



The **Zephyr's** throttle controls are so easy to use you'll barely need to read the manual.

With the **UT4**, just dial up the loco you want to run, set the direction and away you go. Great for novice and advanced users alike.

The **DT402 Super Throttle** gives you direct control of two locos at a time with all the powerful features and flexibility serious model railroaders demand.

Digitrax throttles put complete train control at your fingertips. Digitrax offers throttle options for every budget and experience level.

Digitrax Super Throttles

DT402, DT402R and DT402D LocoNet Super Throttles



- Works with any LocoNet compatible system
- Dual throttle controls let you control two locos simultaneously
- Click encoders for loco selection and control
- Multi-line display
- Convenient step-by-step throttle option set up
- Control of 30 functions
- F2 Key supports playable whistle
- Function active/inactive indicators
- Full numeric keypad makes everything easier
- Single key access to most common throttle tasks
- Easy address browsing and selection
- Simplified 4 digit addressing
- Fast clock display
- Recall feature for fast loco access
- Supports cab signaling
- Supports decoder programming
- Supports turnout and stationary decoder control
- FIND key supports transponding
- Built in flashlight for convenience


**DUPLEX
EQUIPPED**



DT402 can be used as a walkaround throttle or as an infrared throttle with UR90 Infrared Receiver.

DT402R is Simplex Radio Equipped for use with UR91 Simplex Radio Receiver (Plug in to select and dispatch locos then unplug for operation.)

DT402D is Duplex Equipped for use with UR92 Duplex Radio Transceiver. Select, dispatch and run locos without plugging in!

* All DT402 throttles can be operated as walkaround & IR throttles if radio is not installed on the layout.

DT402 Walkaround/InfraReady Throttle \$185.00
DT402R Simplex Radio Equipped Throttle \$235.00
DT402D Duplex Equipped Radio Throttle \$250.00

Digitrax Utility Throttles

UT4, UT4R and UT4D LocoNet Utility Throttles

UT4s are perfect if you're looking for a "traditional" style throttle. They are the ideal throttle for use in operating sessions. They're great for novice users, too, because they are so intuitive to operate.

The UT4 throttle integrates intuitive operation with rock solid design and low cost into a single hand held throttle featuring:



- Works with any LocoNet compatible system
- 4-Digit addressing
- Functions F0-F12 for lighting and sound decoder operation
- Direction switch with center brake position
- Large knob for precise throttle control
- Automatic locomotive selection and speed matching features
- UT4 does not allow programming or turnout control

UT4 can be used as a walkaround throttle or as an infrared throttle with UR90 Infrared Receiver.

UT4R is Simplex Radio Equipped for use with UR91 Simplex Radio Receiver (Plug in to select and dispatch locos then unplug for operation.)

UT4D is Duplex Equipped for use with UR92 Duplex Radio Transceiver. Select, dispatch and run locos without plugging in!

* All UT4 throttles can be operated as walkaround or with the UR90 if the radio is not installed on the layout.

UT4 Walkaround/InfraReady Utility Throttle \$79.95 msrp

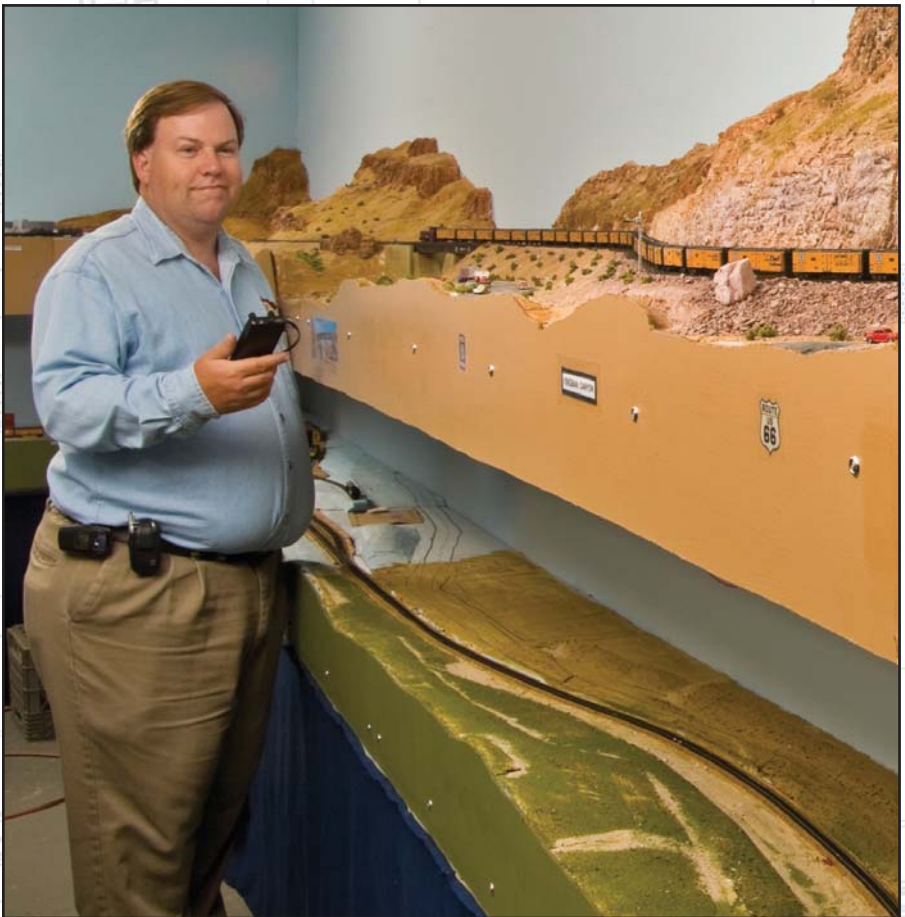
UT4R Simplex Radio Utility Throttle \$129.95 msrp

UT4D Duplex Equipped Radio Utility Throttle \$135.00 msrp

Boosters and Command Stations

Digitrax Booster and Command Station Features:

- Auto resetting over temperature & short circuit protection
- Most are scale selectable for safe operation in N through G scales
- Track status indicator
- Stabilized track drive output
- Over voltage protected
- LocoNet for simple hook up & future expansion
- Built in AutoReversing when used with another booster
- Auto shutdown if command control drive signal is lost to prevent “runaway” trains



Boosters and Command Stations

Adding Digitrax Boosters to your layout will:

1. Add more total system current to run more trains
2. Add automatic reversing districts
3. Prevent a short-circuit in one power district from stopping operation in other parts of layout.

DCS50 2.5 Amp Command Station/Booster/Throttle **\$179.99 msrp**

- Zephyr Starter Set command station/booster & throttle
- Dual DCC outputs to run the layout and program at the same time
- Full Read/Write Programming
- 10 throttle & 10 locomotive address capacity
- 2 Jump[®] Ports allow use of 2 smooth DC power packs as throttles
- Output set for operation in N and HO (not scale selectable)



DCS100 5 Amp Command Station/Booster **\$285.00 msrp**

DCS200 8 Amp Command Station/Booster **\$305.00 msrp**

- Super Chief Xtra command station/booster
- Dual outputs to run the layout and program at the same time
- Full Read/Write Programming
- 120 throttle & 120 locomotive address capacity
- Scale selectable output voltage



DB150 5 Amp Command Station/Booster **\$179.99 msrp**

- Super Empire Builder Xtra command station/booster
- Single output for either running the layout or programming
- Write Only Programming
- 22 throttle & 22 locomotive address capacity

DB200+ 8 Amp Booster with AutoReversing **\$199.99 msrp**

- DCC booster only (no command station capability)
- Scale selectable output voltage
- Great add on for any layout
- Scale selectable output voltage

Digitrax Power Supplies

Digitrax power supplies are perfect for powering all your Digitrax equipment and other model railroad accessories, too! They are fully assembled and ready to run with a wide range of features for every use.

The **PS2012** is built to supply plenty of power at three scale settings to operate multiple boosters from a single power supply.

- Great for use with 8 amp starter sets and boosters
- Built-in unit over-current/over-temp protection
- Operate multiple boosters on each PS2012
- Scale selectable for use with N, HO or large scale
- On/Off Switch and integral cooling fan
- Input selectable for 115 or 230 volt operation

PS2012 \$179.99 msrp



PS515 Power Supply

- 5 Amp, 15 Volt power supply, recommended for Super Empire Builder Xtra Set and Super Chief Xtra Set (5 Amp) and all 5 Amp Digitrax Boosters
- Class 2 SELV, Input: 120VAC 60Hz, Output: 15VAC, 5 Amps, 75VA
- Overload protected



PS515 \$49.99 msrp

PS315 Power Supply

- 3 Amp, 15 Volt power supply recommended for powering DCS50 (this power supply is included with Zephyr Sets)
- Class 2 SELV, Input: 120VAC 60Hz, Output: 15VAC, 3 Amps, 45VA
- Overload protected



PS315 \$29.99 msrp

PS14 Power Supply

- 300ma, 14 Volt power supply for powering Digitrax accessories such as UP5, BDL168, DS64, SE8C, UR90, UR91 & UR92
- Input: 90-240VAC, Output: 14VDC, 300ma, 2.1 mm plug, center pin +



PS14 \$12.95 msrp

LocoNet Accessories

UP5 LocoNet Universal Panel

Simplifies hook-up, maintenance & troubleshooting of LocoNet.

- Plug 'N Play installation
- Add jacks for throttles anywhere on your layout
- Give your layout a professionally finished look
- Track status indicator for local track section

UP5 \$16.95 msrp



Power management and AutoReversing make your layout run seamlessly

Power management gives you the freedom to run your railroad with fewer interruptions caused by short circuits. AutoReversing lets trains move around the layout without having to worry about whether they are entering or exiting a "reversing section." These devices handle complex tasks in a simple straight-forward manner to maximize your fun.

AR1 AutoReversing Controller

The most cost effective way to add automatic reversing to a section of your layout.

- 8 amp AutoReversing control for a single reversing district
- Simple to wire
- Use on any layout from N to G
- Use on non-Digitrax DCC systems, too

AR1 \$29.99 msrp



PM42 Power Manager

Less than \$20 per section. Wow! Cost Effective short circuit management & AutoReversing without adding a booster!

- Short circuit management and/or AutoReversing control for 4 independent power sub-districts
- Each PM42 can run 4 sub-districts off one or more boosters
- Use on non-Digitrax DCC compatible systems, too



PM42 \$79.95 msrp

Wireless Operation

Wireless Operation-Throttles and Receivers/Transceivers

Digitrax radio equipped and infrared throttles and receivers/transceivers free you from being tied to your layout during operations! With Simplex Radio and InfraRed, you just select your locomotive and then unplug to operate. With Duplex Radio, you don't have to plug in at all!

Both the Super Empire Builder Xtra and Super Chief Xtra Starter Sets are available with the Duplex Radio Equipped option.

Digitrax' LocoNet system architecture makes it simple to add wireless operation to your layout any time down the road. All three wireless technologies and walkaround operation can work together on the same layout. UR90 Receivers, UR91 Receivers & UR92 Transceivers can be used together on your layout to provide walkaround, infrared, simplex and duplex radio communication at the same time. For example, if you already have a simplex radio system running with a UR91, you can add a UR92 and be able to run both duplex and simplex at the same time.



LocoNet,
The Digitrax Difference

InfraRed Operation Gives You Cost Effective Wireless Control

- Plug 'N Play with any LocoNet system
- Just add one or more UR90s to enable infrared operation
- All Digitrax throttles are "InfraReady"
- They are equipped with two powerful infrared LED emitters for enhanced transmission reliability
- Infrared throttles can also operate using infrared receivers on UR91 and/or UR92

**INFRARED
EQUIPPED**



UR90 InfraRed Receiver Panel

- Supports approximately 10 Digitrax IR throttles
- Most layouts need more than one UR90 because IR is line of sight
- UR90 receivers must be able to "see" the IR signal for reliable operation
- Recommended for indoor use only
- Requires 12-14 volt PS14 type power supply

UR90 \$45.95 msrp

The Digitrax Wire

UT4



INFRARED
EQUIPPED

UP5
Tethered Only

UR90
Tethered or IR
Only

UR91
Tethered or IR
Only

UR92
Tethered or IR
Only



UT4R



RADIO
EQUIPPED

UP5
Tethered Only

UR90
Tethered or IR
Only

UR91
Tethered or IR
or Simplex

UR92
Tethered or IR
Only

The **UT4 Walkaround throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The UT4 has no radio capability, so it does not use the 'radio' part of the UR91 or the UR92.

The **UT4R Simplex radio throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The UT4R will operate in simplex mode with the UR91 simplex receiver, but not in radio mode with the UR92.

DT402



UP5
Tethered Only

UR90
Tethered or IR
Only

UR91
Tethered or IR
Only

UR92
Tethered or IR
Only



DT402R



UP5
Tethered Only

UR90
Tethered or IR
Only

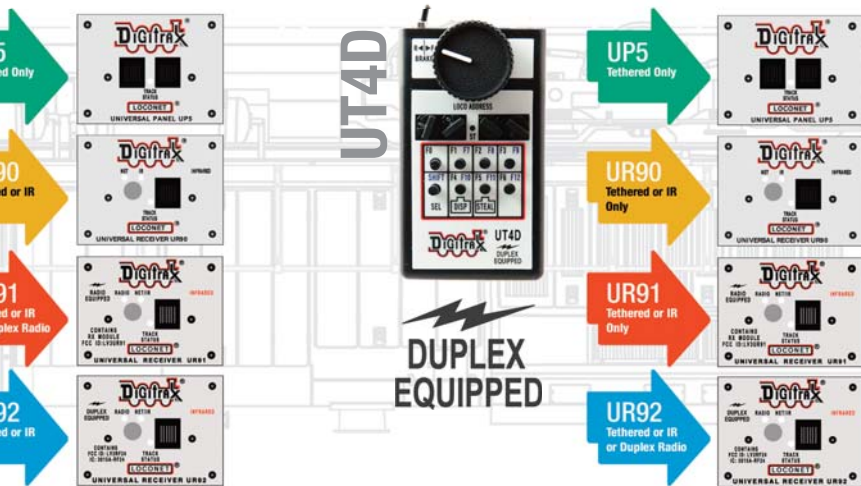
UR91
Tethered or IR
or Simplex

UR92
Tethered or IR
Only

The **DT402 Walkaround throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The DT402 has no radio capability, so it does not use the 'radio' part of the UR91 or the UR92.

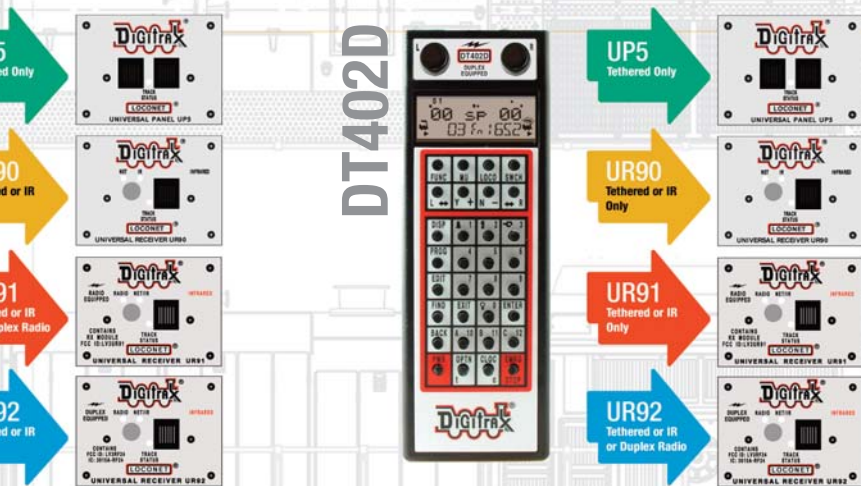
The **DT402R Simplex radio throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The DT402R will operate in simplex mode with the UR91 simplex receiver, but not in radio mode with the UR92.

Wireless Roadmap!



The **UT4D Duplex radio throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The **UT4D** will operate in duplex radio mode with the UR92 Duplex transceiver. The **UT4D** does not communicate in radio mode with the UR91.

The **UT4D Duplex radio throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The **UT4D** will operate in duplex radio mode with the UR92 Duplex transceiver. The **UT4D** does not communicate in radio mode with the UR91.



The **DT402D Duplex radio throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The **DT402D** will operate in duplex radio mode with the UR92 Duplex transceiver. The **DT402D** does not communicate in radio mode with the UR91.

The **DT402D Duplex radio throttle** will work in tethered or IR mode with the UR90, UR91 and UR92. The **DT402D** will operate in duplex radio mode with the UR92 Duplex transceiver. The **DT402D** does not communicate in radio mode with the UR91.

Radio Equipped & Infrared Options

Two Options For Radio Operation!

- Plug 'N Play with any LocoNet system
- Just add a UR91 for Simplex radio or a UR92 for Duplex radio
- All radio equipped throttles have short cords to allow plug in for fault recovery
- Both radio systems allow for multiple clubs to operate at shows in close proximity

Simplex Radio Equipped Operation

- Uses UR91 receiver and “R” throttles such as DT402R & UT4R
- Simplex radio throttles must plug in to select, dispatch or program locomotives
- Simplex Radio operates in the 900Mhz band
- Simplex Radio Equipped throttles can operate as radio or IR with a UR91 receivers and as IR with UR90s

UR91 Simplex Radio/IR Receiver Panel

- Supports approximately 10 radio throttles
- Most layouts need just one UR91
- Supports infrared and radio operation simultaneously
- Includes PS14 Power supply



UR91 \$149.99 msrp

Duplex Radio Equipped Operation

- Uses UR92 transceiver and “D” throttles such as DT402D & UT4D
- UR92 Duplex Radio range is approximately 300-ft diameter circle
- Duplex Equipped Throttles can operate as radio or IR with UR92 transceivers and as IR with UR90s
- Duplex Radio operates in the 2.4 GHz band
- UR92 Duplex Radio range is approximately 300-ft diameter circle

UR92 Duplex Radio/IR Transceiver Panel

- Supports dozens of Duplex throttles
- Most layouts need just one UR92
- Supports infrared and Duplex radio operation simultaneously
- Includes PS14 Power supply



UR92 \$160.00 msrp

Digitrax Mobile Decoders

All Digitrax decoders offer:

- Exciting features that go above and beyond DCC
- Affordability with both economy and premium feature sets available
- Robust operation & long-term reliability
- No Worries Warranty
- Digitrax LocoMotion® System for realistic motion
- Digitrax Function System with FX³
- Installation options for almost every locomotive available

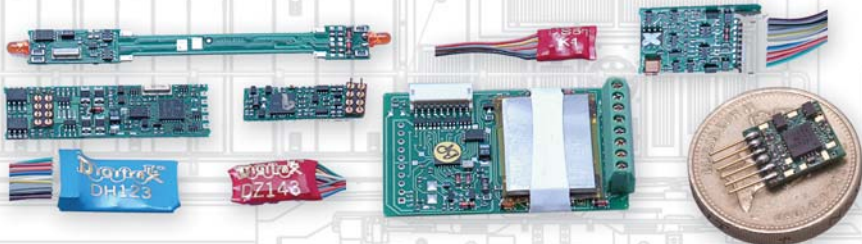
Choosing "The Right" Digitrax Decoder Depends On These Considerations:

- Shape, size, plug/interface
- Current rating for your installation
- Operational Features
- Functions for controlling lights, sound and other goodies
- Your budget

Check out the Digitrax Decoder Selector at www.digitrax.com for help selecting a decoder for your locomotive.

Decoder installation is easier than ever before with all of the decoder interface options available today!

- Digitrax 9 pin decoder interface system
- Board replacement decoders for many Z, N, HO, & G scale locomotives
- 8 pin medium plugs/sockets integrated on select decoders
- Digitrax easy install decoder interface for standard Athearn locos
- Wired decoders for installation in non-DCC ready locos
- Complete instructions included with each decoder
- Many Digitrax dealers offer decoder installation services



Digitrax Mobile Decoders

Digitrax builds decoders to power almost any locomotive made.

- All Digitrax decoders are rated for at least 1 Amp for Z, N, HO & some S scale
- Higher current models are available for S, O & G

Digitrax Locomotion® - Make your locomotives run like the prototype!

- Ready to run with the most popular settings pre-programmed
- Just set the address and GO
- Smooth as silk 128 speed step control
- Torque compensation for even smoother operation
- Momentum with acceleration and deceleration settings
- Set normal direction of travel for your locomotive
- Switching speed feature for quick access to slower switching speeds
- Simple 3 step speed tables are easy to set up or advanced speed tables with 256 level resolution
- Series 5 & most series 3 decoders have scaleable speed stabilization speed stabilization (adjustable Back EMF)
- Check each decoder for specific LocoMotion® Features available

Digitrax Real FX³ & FX Functions Are More Than Just Flashing Lights!

- User configurable blink rates and periods give you the look you want
- Mars Lights, ditch lights, Gyra lights, rotating beacons, single & double pulse strobes, random flicker and more
- No extra lighting board to install, it's on the decoder board
- Use incandescent lamps or LEDs
- No expensive multiple filament bulbs needed
- Sophisticated algorithms built in to FX³ & FX decoders simulate realistic lighting in your locomotives

FX³ Functions

- FX generators on all function leads
- Qualifiers available for all function leads
- All Digitrax Series 3 decoders have FX³ type functions
- Full function re-mapping

Digitrax Mobile Decoders

Part Number	Rating	Functions	Notes	msrp
Z SCALE LOCOMOTIVE DECODERS (CAN ALSO BE USED IN N & HO)				
DZ123	1.0A	2	ECONOMY WIRED INSTALLATION	\$19.99
DZ123M0	1.0A	2	FOR MICROTRAINS Z GP-35, GP-9	\$34.99
DZ123PS	1.0A	2	MEDIUM PLUG 1.2" WIRES (SHORT)	\$22.99
DZ125	1.0A	2	SMALLEST & BEMF	\$24.99
DZ125IN	1.0A	2	INTEGRAL 6 PIN N PLUG & BEMF	\$26.99
DZ125PS	1.0A	2	MEDIUM PLUG 1.2" WIRES & BEMF	\$26.99
DZ143	1.0A	4	PREMIUM WIRED INSTALLATION & BEMF	\$34.95
DZ143PS	1.0A	4	PREMIUM MEDIUM PLUG 1.2" & BEMF	\$37.95
N SCALE LOCOMOTIVE DECODERS (CAN ALSO BE USED IN HO)				
DN123K3	1.0A	2	FOR KATO N NW2	\$29.99
DN143K2	1.0A	4	FOR KATO N RDC	\$44.99
DN143IP	1.0A	4	INTEGRATED 8 PIN DCC MED PLUG	\$29.99
DN163	1.0A	6	PREMIUM WIRED INSTALL	\$34.99
DN163PS	1.0A	6	PREMIUM W/MED PLUG (1.2" wires)	\$37.99
DN163A0	1.0A	6	FOR ATLAS N GP40-2, U25B, TM etc	\$34.99
DN163A1	1.0A	6	FOR ATLAS N SD50, SD60 etc	\$34.99
DN163A2	1.0A	6	FOR ATLAS N GP30, GP35 etc	\$34.99
DN163A3	1.0A	6	FOR ATLAS N MP15 DC	\$29.99
DN163I0	1.0A	6	FOR INTERMOUNTAIN N SD40T	\$34.99
DN163I1A	1.0A	6	FOR INTERMOUNTAIN N FT-A UNIT	\$34.99
DN163I1B	1.0A	6	FOR INTERMOUNTAIN N FT-B UNIT	\$34.99
DN163I1C	1.0A	6	FOR INTERMOUNTAIN N F3, F7 A&B	\$34.99
DN163I2	1.0A	6	FOR INTERMOUNTAIN N FP7, FP9 A	\$34.99
DN163K0A	1.0A	6	FOR KATO N P42,E8,PA1	\$34.99
DN163K0B	1.0A	6	FOR KATO N F3A/B	\$34.99
DN163K0D	1.0A	6	FOR KATO N F40PH	\$35.99
DN163K1B	1.0A	6	FOR KATO N SD70MAC/SD40-2/C44-9	\$34.99
DN163K1C	1.0A	6	FOR KATO N SD40-2 made 2006 & Later	\$35.99
DN163K1D	1.0A	6	FOR KATO N GG1, EMD Class 66, DD51	\$35.99
DN163K2	1.0A	6	FOR KATO N SD80/90MAC, RS2, RSC2	\$34.99
DN163M0	1.0A	6	FOR MICROTRAINS N FT	\$34.99

This list of current production Digitrax decoders includes basic recommendations of decoders for use in particular locomotives. For a more complete list of recommended decoders for particular locomotives not listed here, visit the **Digitrax Decoder Selector** at www.digitrax.com.

Digitrax Mobile Decoders

Part Number	Rating	Functions	Notes	msrp
HO LOCOMOTIVE DECODERS				
DH123AT	1.5A	2	HARNESS FOR ATHEARN HO LOCOS	\$24.99
DH123D	1.5A	2	DIGITRAX HARNESS FOR WIRED INSTALL	\$19.99
DH123P	1.5A	2	MEDIUM PLUG 3.2" WIRES (LONG)	\$22.99
DH123PS	1.5A	2	MEDIUM PLUG 1.2" WIRES (SHORT)	\$22.99
DH163AT	1.5A	6	HARNESS FOR ATHEARN LOCOS	\$34.99
DH163D	1.5A	6	DIGITRAX HARNESS FOR WIRED INSTALL	\$29.99
DH165IP	1.5A	6	INTEGRATED DCC MED PLUG	\$26.99
DH163P	1.5A	6	MEDIUM PLUG 3.2" WIRES (LONG)	\$32.99
DH163PS	1.5A	6	MEDIUM PLUG 1.2" WIRES (SHORT)	\$32.99
DH165A0	1.25A	6	BOARD REPLACEMENT FOR ATLAS HO	\$26.99
DH165K0	1.25A	6	BOARD REPLACEMENT FOR KATO HO	\$26.99
DH165K1A	1.25A	6	BOARD REPLACEMENT KATO HO SD40-2	\$27.99
DH165L0	1.25A	6	BOARD REPLACEMENT PROTO 2000 HO	\$26.99
DH165Q1	1.25A	6	BOARD REPLACEMENT FOR QSI HO	\$26.99
DH465	4A	6	SOUNDBUG COMPATIBLE MOTOR/FN	\$58.95
LARGE SCALE LOCOMOTIVE DECODERS				
DG383AR	3.0A	8	3 AMP FOR ARISTO G SCALE	\$59.99
DG583AR	5.0A	8	5 AMP FOR ARISTO G SCALE	\$64.99
DG583S	5.0A	8	5 AMP SCREW TERMINALS FOR G SCALE	\$66.99
SOUND FX DECODERS FOR N & HO				
SDH164K1A	1.0A	6	FOR KATO HO AC4400 MOTOR/SOUND/FN	\$59.95
SDH164K1B	1.0A	6	FOR KATO HO SD38-2 MOTOR/SOUND/FN	\$59.95
SDH164K1C	1.0A	6	FOR KATO HO F40PH MOTOR/SOUND/FN	\$59.95
SFX004	1.0A	0	SOUNDBUG PLUGIN SOUND FOR 165 SERIES	\$49.99
SFX0416	1.0A	4	WIRED SOUND/FUNCTION	\$59.99
SFX064D	1.0A	6	WIRED SOUND/FUNCTION	\$69.95
SDH164D	1.0A	6	WIRED MOTOR/SOUND/FN - HO	\$49.95
SDN144PS	1.0A	4	WIRED MOTOR/SOUND/FN - N	\$49.95
SDN144K0A	1.0A	4	WIRED MOTOR/DUAL SOUND/FN - N	\$69.95

This list of current production Digitrax decoders includes basic recommendations of decoders for use in particular locomotives. For a more complete list of recommended decoders for particular locomotives not listed here, visit the **Digitrax Decoder Selector** at www.digitrax.com.

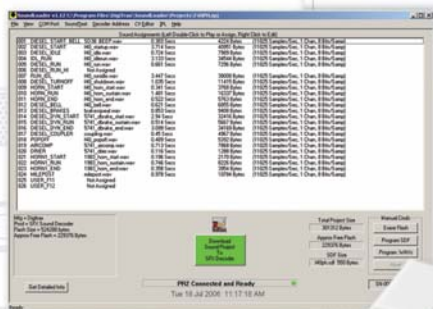
SoundFX[®] Decoders



**NEW SOUND PROJECTS
AVAILABLE NOW!**

**Super Detail Your
Locomotive's Sound!**

**Digitrax SoundFX customizable
8-bit sound gives your locomotives
realistic sound! Digitrax
SoundFX Decoders come ready
to run, pre-loaded with one or
more sound projects**



**At the SoundDepot you can
download custom project files that
other users have recorded!**

**Use the PR3 and Digitrax' SoundLoader[™]
software with your PC to create, manage,
test and download sound to SoundFX
Decoders! Got a Mac? Use free JMRI
software and PR3.**



**PR3 Programmer with
SoundLoader Software
Included \$84.95 msrp**

Sounds great right out of the box! Want a different sound? Another Horn or Bell? Use your recording, or download a clip from the Digitrax SoundDepot. SoundFX decoders are capable of up to 30 different sounds controlled by up to 29 functions. Sound volume can be set for each sound. Playable whistle, cam chuff sync and speed stabilization are available, too! Smart Power Management assures smooth uninterrupted sound operation and makes booster shutdowns and programmer overloads a thing of the past.

Go To digitrax.com/soundfx for more information!

SoundFX[®] Decoders

Digitrax Sounds Good To Me!

- Cost effective
- Flexible
- Customizable

Whether you are adding sound to your existing DCC decoders or equipping your locomotives with all-in-one Motor, SoundFX & FX³ Function decoders, Digitrax makes it simple and affordable!



Multiple form factors and configurations give you maximum flexibility when installing Digitrax sound in your fleet.

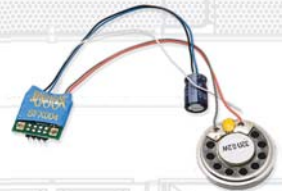
All Digitrax SoundFX products feature:

- Ready to run pre loaded sound schemes appropriate to the decoder type
- Sounds are fully customizable by the user
- Sound projects are free from the Digitrax Sound Depot
- PR3 or PR2 interface are required for sound downloads
- Speakers and hold up capacitors are included
- Low current draw and smart power management
- No special programming “booster” needed
- Can be used as stand alone sound modules for layout sounds, too!

SFX004 SOUNDBUG

\$49.95 msrp

- Makes adding sound Plug ‘N Play in many locomotives
- SoundFX only decoder
- 4 megabits of memory in an ‘HO’ sized package is a great add on for Digitrax Sound Bug Compatible decoders: DH465, DH165L0, DH165A0, DH165K0, DH165K1A, DH165Q1.
- Sound Bug can also be used as a wired add on sound decoder with other existing DCC decoders.



SFX0416 N Scale Sound and Function Decoder

\$49.95 msrp

- Wired add on sound and 4 FX³ function decoder
- 16 megabits of memory in an ‘N’ sized package

SoundFX[®] Decoders

SFX064D HO Scale Sound and Function Decoder

\$59.99 msrp

- 4 megabits of memory in an 'HO' sized package
- Wired add on sound and 6 FX³ function decoder

SDH164D HO Scale Mobile Sound Decoder

\$49.95 msrp

- Wired Motor/SoundFX/FX³ Function Decoder
- Install in almost any HO locomotive
- Generic diesel and steam schemes let you decide
- 28 mm 32 Ohm speaker/330uF capacitor included



SDN144PS N Scale Mobile Sound Decoder

\$49.95 msrp

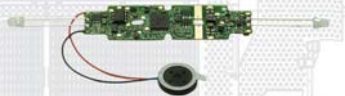
- Plug 'N Play with 8 pin plug (can be used as wired decoder also)
- Wired Motor/SoundFX/FX³ Function Decoder
- Install in many N Scale and HO locomotives
- Generic diesel and steam schemes let you decide
- 18mm x 13mm 8 Ohm speaker/330uF capacitor included



SDN144K0A N Scale Mobile Sound Decoder

\$69.95 msrp

- Board replacement decoder for N Scale Kato P42, E8, PA1, F40 and similar locos
- Wired Motor/SoundFX/FX³ Function Decoder
- Dual E8/F40 diesel and steam scheme pre-loaded
- 18mm x 13mm 8 Ohm speaker/330uF capacitor included



SDN165K1A for Kato HO AC4400

\$59.95 msrp

SDN165K1B for Kato HO SD38-2

\$59.95 msrp

SDN165K1C for Kato HO F40PH

\$59.95 msrp

- Motor/SoundFX/FX³ Function Decoders For HO Kato diesels
- 1 Amp, 4 FX³ Functions
- Board replacement decoders for drop in installation
- Diesel sound scheme pre-loaded so you're ready to go!



SDN165K1A Shown

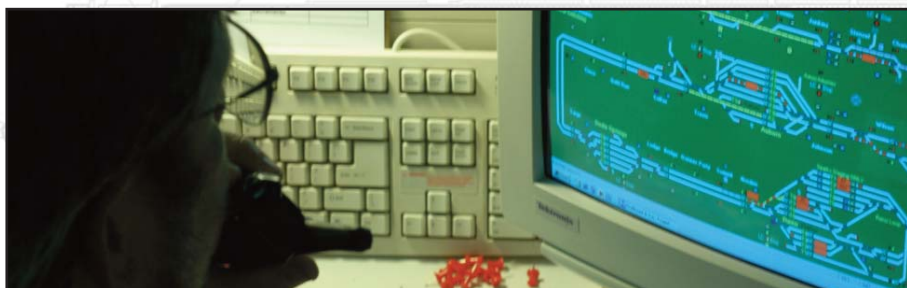
Computer Interface & SoundLoader

PR3 Decoder Programmer/ Computer Interface

- Multifunction USB 2.0 PC connectivity for your railroad
- Digitrax "SoundLoader" software included. Programs Digitrax sound projects into SFX decoders
- Programs CV's for most DCC decoders
- LocoNet Computer Interface mode with Fully Buffered Input and Output data
- Runs on Windows XP, Windows 7, Vista and 2000
- Runs on Mac OS 10.4/10.5 with JMRI



PR3 Decoder Programmer **\$84.95 msrp**



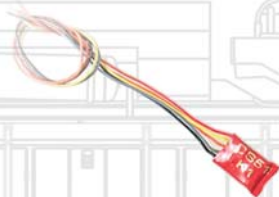
PR2 Decoder Programmer/ Computer Interface

- 25 pin serial port can be used with 25-9 pin converter or USB adapter
- Digitrax "SoundLoader" software included. Programs Digitrax sound projects into SFX decoders
- Programs CV's for most DCC decoders
- Runs on Windows XP, Vista and 2000



PR2 Decoder Programmer **\$99.95 msrp**

Stationary Decoders



DS51K1 Stationary Decoder for Single Kato Unitrack Turnout

- Control one Kato Unitrack turnout
- Cost effective
- Easy to Install

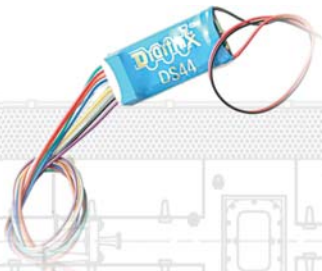
DS51K1 \$14.99 msrp



DS52 Stationary Decoder for 2 turnouts

- Control 2 slow motion turnout machines OR control 2 solenoid type turnout machines OR control 2 Kato Unitrack or LGB turnouts
- Quick set up
- Addresses are independent

DS52 \$24.95 msrp



DS44 Stationary Decoder for 4 slow motion turnouts

- Control 4 slow motion turnout machines
- Quick Set up for sequential addresses or set up 4 independent addresses

DS44 \$39.99 msrp

DS64 Stationary Decoder for 4 turnouts allows you to install and operate your turnouts directly through DCC system that has turnout control. The DS64 works with a wide selection of hardware. From solenoid turnout machines to slow motion motors, this affordable, easy to install decoder will add another dimension to your operations.

- Easy to install and operate
- Operates four turnouts
- Slow motion machines
- Solenoid machines
- Switch inputs for turnout control
- LocoNet feedback
- Integral capacitor discharge
- Operates from track power or a separate power supply
- Buffered switch inputs



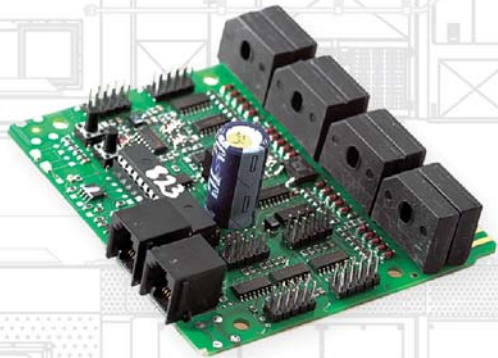
DS64 \$59.99 msrp

Detection

BDL168 Occupancy Detector for 16 Detection Sections

- Complete LocoNet occupancy detection
- Local occupancy & zone power status reporting via fascia mounted LEDs &/or computer
- Use as host for one or two Digitrax RX4 Transponder Receivers
- Supports supersonic decoder operation

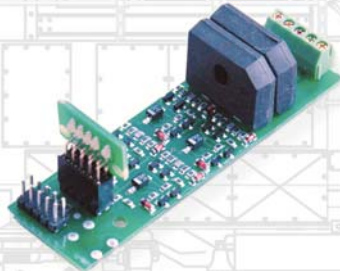
BDL168 Occupancy Detector \$149.99 msrp



BD4 Occupancy Detector for 4 detector selectors

- Use with LocoNet and Digitrax DS64 Quad Stationary Decoder or SE8 series signal/occupancy decoder (and legacy stationary decoders, such as the DS54)
- High sensitivity track occupancy detector designed for DCC operations
- Internal “anti-chatter filtering” to ensure reliability
- Use up to two BD4 detectors with each DS64

BD4 Occupancy Detector \$29.95



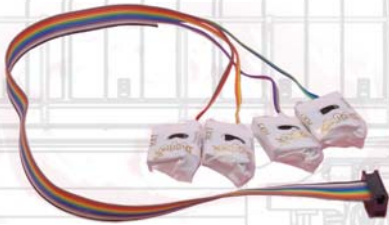
Transponding

Digitrax Transponding is proven technology for bi-directional layout control without modifications to your existing DCC system investment. Know the occupancy status of detection sections and/or the zone location of any locomotive or other rolling stock equipped with a transponding device. Now your dispatcher will be able to know “who you are and where you are”!

- Location and identification information are updated continuously on LocoNet and can be displayed on a track diagram.
- Adds operations mode readback of CVs to your layout
- Automate your staging yard and other operations with transponding.
- Use transponding devices in rolling stock with transponding detectors on industry tracks to display the location of your freight cars.
- Transponding can bring you an under layout sound system that will “follow” the locomotives around the layout based on transponding information received by the system. This means you can use larger speakers under the layout rather than small speakers in the locos to get more realistic sound on your railroad. You’ll even be able to put transponders in other rolling stock and generate sounds like couplers, flat wheels, etc.
- No modifications to existing equipment required, just add transponding components and you are ready to go!
- More features than any other method of “bi-directional” layout communication system.

RX4 Transponder Receiver (used with BDL168 Occupancy Detector to implement transponding)

- BDL168 LocoNet universal occupancy detector for 16 detection sections
- Host for one or two RX4 transponder receivers
- Each RX4 handles 4 transponding zones.
- Digitrax transponding decoders are detected by RX4s
- Information is fed back to LocoNet

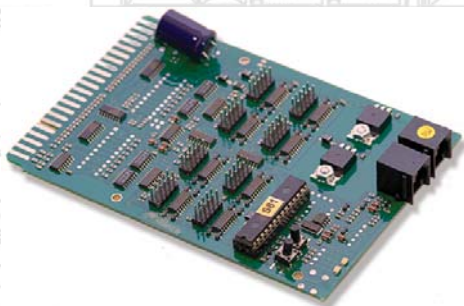


RX4 Quad Transponder Receiver \$49.95 msrp

Plug 'N Play Signaling

SE8C Signal Decoder

- Control signals on your layout
- Drives up to 32 signal heads
- Any popular LED signal type
- Designed to model most US signaling systems
- Built in current limiting resistors for setting brightness of LEDs
- Modular Plug 'N Play system
- Drives either:
 - 8 slow motion turnout machines OR
 - 8 semaphore signals using slow motion turnout machines.



Provides 16 inputs:

8 control lines for local turnout control

8 occupancy sensor inputs

- Use with DC or DCC controlled layouts
- Can also be used as a stationary decoder for slow motion turnout control
- A **computer** and **third party software** are necessary to realize the full feature potential of the SE8C
- Transponding is not necessary to implement signaling

SE8C Signal Decoder \$125.00 msrp

SE8C Accessory Products make SE8C installation easy

- **Signal Mast Base Kit** **\$14.99 msrp**
- **Signal Driver Cable Kit** **\$19.99 msrp**
- **Signal Mounting Hardware Kit** **\$9.99 msrp**
- **Terminal Strip Mounting Kit** **\$14.99 msrp**

“My Digitrax Zephyr is the Ideal Starter System for a Wonderful Hobby That I can Share with my Two Boys.”

HO scale modelers, Simon Griffin and his two boys Andrew and Christopher spend a lot of time together “playing Daddy’s trains”. They enjoy sharing the hobby with cousins and school friends whenever they can.

“For all its simplicity, what I like the most about the Zephyr is its powerful ability to be built upon. By adding Digitrax modules I have been able to create a much more sophisticated and flexible system. As the layout has grown, we’ve added a booster, PC interface with JMRI Decoder Pro, and several wireless throttles, including the new DT402D Duplex radio throttle. Through all this expansion, my initial investment, the Zephyr, has remained the central command station of my layout.”



“On the days when we have open operating sessions there are dozens of boys and girls with throttles in hand, experiencing firsthand the fun of model railroading with their fathers at their side. For me, this is what it’s all about!”

“Digitrax Complete Train Control Gives you everything you need to have a Blast with your Kids!”

Digitrax[®]
Complete Train Control

The Digitrax Warranty



**NO WORRIES
WARRANTY**

Digitrax gives a one-year “no worries” warranty against manufacturing defects and accidental customer damage on all Digitrax products. That’s it! Simple, straightforward warranty, no tricky language!

All warranties on Digitrax products are limited to repair or replacement of Digitrax products at the discretion of Digitrax. Except to the extent expressly stated, there are no warranties, express or implied, including but not limited to any warranties of merchantability or fitness for a particular purpose.

For items that are no longer covered under warranty, whenever possible we will make repairs to units at fair and reasonable rates.

Please visit our warranty and repair page at www.digitrax.com/warranty for warranty and repair information and procedures.

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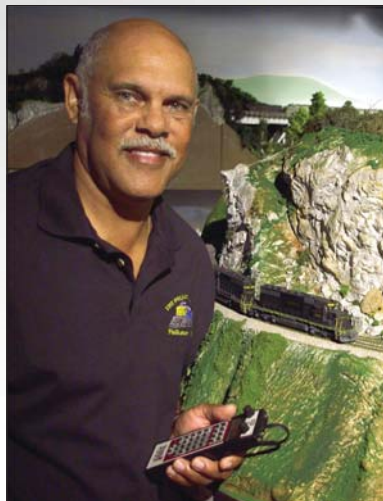
Our latest product updates are posted to our web site. Our manuals are also available for download from our web site.



Panama City, Florida 32404-3157
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“Digitrax is the Clinchfield Northern’s control system... ...and it’s the absolute best for operations!”

“I shopped carefully for a DCC system that would provide the flexibility that I needed for my railroad. Digitrax won hands down because it offered the most comprehensive system for realistic train operation, with detection and signaling capability for future expansion.”



Does anything else come to mind when you think about Digitrax Complete Train Control? “The ease of adding and deleting locos from consists is a big plus. Multi-unit power is standard here, and it’s great to be able to build loco power sets quickly and easily.”

“Most of the long coal drags use pushers or mid-train helpers. The dual controls on Digitrax throttles are very convenient for bringing the pusher sets into play, and even dropping them back down the grades while the coal trains continue their journeys.”

HO Scale Modeler Nate Stone, Savannah, GA

“Digitrax Complete Train Control Gives you the power to run your railroad and operate it your way!”

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Digitrax[®]
Complete Train Control

The logo features the word "Digitrax" in a large, stylized, black font with a red outline, set against a background of white model train tracks. Below it, the words "Complete Train Control" are written in a smaller, black, sans-serif font.