

July 1, 2006



NCE Power CAB

Power Cab - 524-25

An entire DCC system in the palm of your hand! This two Amp system can operate three or four HO sized trains, or four N scale trains. The Power Cab provides all of the capability and ease of use that you've heard about in our Power Pro system at an entry level price. Installation is a snap. Hook two wires to your track and plug in the cab. You're off and running trains! Even includes its own 110V/240V power supply.



SB3 Smart Booster - 524-26

Add this three Amp booster to the Power Cab system to operate more trains with more walk-around cabs. Operate up to ten trains and four walk-around cabs. NCE radio compatible. Allows walk-around operation with original Power Cab. For even more track power add one or more DB3 boosters. Requires a power supply such as our P515.



DB3 Booster - 524-28

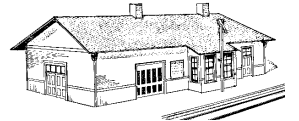
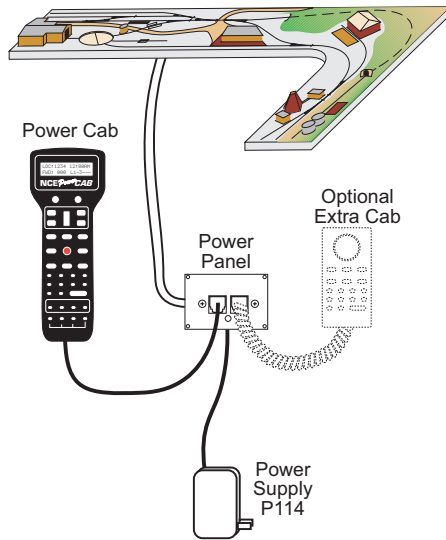
For even more track power add one or more DB3 boosters to your Smart booster. Can also be used with most other brands of DCC systems. Requires a power supply such as our P515.



NCE

The Power of DCC

NCE Corporation
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585-671-0370
www.ncedcc.com



Systems



Power Pro - 524-1

This 5 Amp starter set has everything you need to get DCC equipped trains up and running (except power transformer, see P515). It includes the user friendly Pro Cab™. You can be up and running in less than 20 minutes.

Power Pro-R - 524-2

The Power Pro-R starter set is a radio equipped Power Pro system. It is designed to eliminate the need for a tethered throttle. All features of the Pro Cab are usable while in radio mode. Up to 60 additional radio and tethered cabs can be used simultaneously.

Power Pro 10 - 524-6

The PH-10 has all the same features as our Power Pro 5 Amp system described previously, but with a whopping 10 Amps of power for O-Scale and Large Scale (G) layouts. Requires 18V, 10 Amp power supply(see P1018).

Power Pro 10-R - 524-7

The Power Pro 10-R is a radio equipped system. It is designed to eliminate the need for a tethered throttle. All features of the Pro Cab are usable while in radio mode. Up to 60 additional radio and tethered cabs can be used simultaneously.

PB-105 Five Amp Power Booster - 524-3

If you need more power than the Power Pro alone can supply, the PB-105 supplies 5 Amps of continuous voltage to your track. Enough to handle very large lashups of locomotives and still have reserve capacity. Recommended for Z through S scales.

PB-110 Ten Amp Power Booster - 524-5

10 Amp Power Booster with Automatic-Reverse-Loop capability. Recommended for O, G and other large scales. The PB-110 provides true 10 Amps of continuous voltage to your track. Enough to handle MUs of the largest locomotives.

System Wiring Aids

UTP Cab Bus Panel - 524-207

This is our lowest cost, easiest to use cab bus panel. All four RJ-12 jacks are wired in parallel for easy plug and play use. Includes a black anodized fascia plate.

UTP-DIN Bus Panel - 524-208

Recommended for large club installations. This panel combines low cost with rugged DIN jacks for long life. Easy plug and play installation. Includes a black anodized fascia plate.

Cabs



Pro Cab - 524-10

Our deluxe Pro Cab provides the most user-friendly access to all system features. Uncomplicated menus on the easy to read, backlit LCD display guide you through the most advanced operations with a minimum of fuss. Our Pro Cab-R - 524-11 is also available radio equipped.

Engineer/Operator Cabs

The Cab04 and Cab05 are our most popular engineer cabs. Both cabs feature easy selection of locos/consists, single button operation of decoder functions, momentary HORN button. Our unique OPTION button that can be programmed to act as any button you wish, even those found on a much larger cab.

The Cab04 uses a more conventional knob for speed control and is available with either a potentiometer (Cab04p - 524-12) or digital encoder (Cab04e - 524-14). Both varieties of the Cab04 can be set to YARD mode. Yard mode makes the speed knob act as a "center off" speed control.

The Cab05 - 524-16 uses pushbuttons for loco speed control.

Cab 04p, Cab 04e, and Cab 05 are also available radio equipped.

Basic Operator's Cabs

Our Cab 02r and Cab 03r are cost effective cabs with wireless radio BUILT IN. The Cab 02r uses a conventional knob for speed control. The Cab 03r uses pushbuttons for acceleration and deceleration. Both cabs feature forward and reverse, headlight, horn, bell, and the powerful OPTION key. Set up or program these cabs and their characteristics using the accessories included plus your Pro Cab and NCE DCC system.



Accessories

P515 - Power Supply - 524-215

Five Amp Power Transformer used with the Power Pro Command Station systems.



P1018 Power Supply - 524-224

A 10 Amp AC power supply for the PH10 system and PB110 booster. Input 120VAC, output 18VAC, 10Amp.

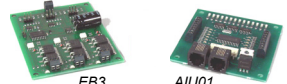


P114 Power Supply - 524-221

A replacement DC power supply for the Power Cab system and other model railroad uses. Input 120VAC, output 13.5VDC.

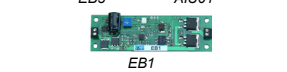
EB1 - 524-225

Provides short circuit protection for a single power district. Can be used with any DCC command system rated at 3 or more Amps.



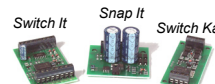
EB3 - 524-217

Provides short circuit protection for up to three power districts. Can be used with any DCC command system rated at 3 or more Amps.



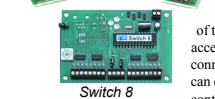
AIU01 Auxiliary Input Unit - 524-200

The Auxiliary Input Unit provides connection of block occupancy detectors, switch position relays, etc. for purposes of signaling and/or computer control of your layout. Simply plugs in to the Cab Bus.



Switch-It™ Accessory Decoder - 524-114

Control two Tortoise™ or similar stall motor switch machines. Switch-It remembers the position of your switches during power outages. Each output of the decoder can have a completely different accessory address. The Switch-It provides connections for "local control" pushbuttons. You can control switches from your cabs and your control panels.



Snap-It™ - 524-115

Control one twin coil switch machine. Has capacitive discharge for low current draw of track power. Provides connections for two "local control" pushbuttons. You can control switches from your cabs and your control panels.

Switch-Kat™ - 524-116

Your Kato Unitrack™ and LGB remote control turnouts can now be DCC controlled. The Switch-Kat provides connections for optional switch position indicator lights and "local control" pushbuttons. Simple installation, two wires to the track, two wires to the switch.

Switch-8™ - 524-136

Control eight Tortoise™ or similar stall motor switch machines. Switch-8™ remembers the position of your switches during power outages. Each output of the decoder can have a completely different accessory address. With the Macro Panel, you can control switches from your cabs and your control panels.

N Sized Decoders

Z14SR - 524-129

Our smallest decoder!!! 1 Amp (1.25 Amp peak) rating and four function outputs. Size: 0.34" x 0.56" x 0.125".

Z14SRP - 524-130

1 Amp (1.25 Amp peak) rating and four function outputs, and eight-pin plug. Size: 0.34" x 0.56" x 0.125".



N12SR - 524-119

1 Amp (1.25 Amp peak) rating and two function outputs. Size: 0.34" x 0.70" x 0.120".

N12SRP - 524-123

1 Amp (1.25 Amp peak) rating, two function

outputs, and eight-pin plug. Size: 0.34" x 0.70" x 0.120".

N12A0e - 524-127

Plug and Play decoder for the N scale Intermountain Tunnel Motor. Golden Glow LEDs are included and installed.

N12A0 - 524-120

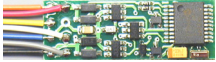
Plug and Play decoder for the N scale Atlas GP40-2, U25B, B23-7, 30-7, 36-7, GP38, SD25, Trainmaster, etc. Golden Glow LEDs are included and installed.

N12A1 - 524-122

Plug and Play decoder for the N scale Atlas SD50, SD60M, SD60. Golden Glow LEDs are included and installed.

N14SR - 524-131

Four function N sized decoder (1.15" x 0.34" x 0.12") with wire harness.

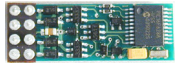


N14SRP - 524-132

Four function N sized decoder (1.15" x 0.34" x 0.12") with 8 pin NMRA connector at the end of a wire harness.

N14IP - 524-128

Direct plugin, (1.15" x 0.34" x 0.12") four function decoder for Con-Cor N Scale PA1, 4-8-4 and other locos with 8 pin sockets.

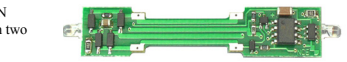


NIMFT-A - 524-117 and NIMFT-B - 524-118

Plug and Play decoder for the N scale Intermountain FT-A and FT-B units. Includes stem pads or "feet" to drop in to the FT units. NIMFT-A is for the A unit, NIMFT-B is for the B unit.

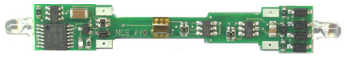
NMP - 524-138

Made to fit the Atlas N Scale MP15 loco with two functions.



NAV0 - 524-137

Made to fit the Atlas N scale VO1000 loco with two functions.



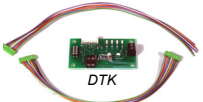
Decoder Installation Accessories

DTK - Decoder Tester - 524-219

Perfect companion to DCC installation and operation, the decoder tester works with ANY DCC decoder. Test for motor forward and reverse, functions 0F, 0R, F1, and F2.

LED Pack - 524-218

The LED pack provides ten "Golden Glow" white LEDs.



Plug Pack - 524-211

Ten pack of the NMRA eight-pin connectors used in many "DCC Ready" locomotives and accessories.



There is not a single item in this brochure that is shown at actual full size.



HO/S Sized Wire-in and Plug-in Decoders

D13SR - 524-100

1.3 Amp (2 Amp peak) rating and four function outputs. Size: 1.35" x 0.63" x 0.11" (very thin). With 4" wires. Also available in packs of 4 and 10.

D13SRP - 524-102

1.3 Amp (2 Amp peak) rating, four function outputs, and eight-pin plug. Size: 1.35" x 0.63" x 0.11". Includes 4" wire harness.

D13SRJ - 524-124

1.3 Amp (2 Amp peak) rating, four function outputs, and nine-pin plug. Size: 1.50" x 0.63" x 0.25". Includes 8" wire harness. Also available in 4 packs.

D15SR - 524-104

This HO sized decoder with nine-pin plug and 8" wiring harness for easy installation. With 1.3 Amp (2 Amp peak) motor drive and four function outputs. Size: 1.00" x 0.63" x 0.25".

D15SRP - 524-105

This HO sized decoder with nine-pin to eight-pin wiring harness provides easy installation. With 1.3 Amp (2 Amp peak) motor drive and four function outputs. Size: 1.00" x 0.63" x 0.25".

HO Sized Plug and Play Decoders

D14SR - 524-103

This HO sized decoder is designed for the Kato RS2/RSC2 and C44-9, Stewart VO-1000, Intermountain F7, Atlas U23B and U30B locomotives in HO Scale. The easiest installation possible, just plug it in! 1 Amp rating (1.3 Amp peak). Six function outputs. Size: 0.80" x 0.65" x 0.110".

DA-SR - 524-106

Easy installation in many locomotives with Kato drive mechanisms such as Atlas/Stewart/Kato and Proto 1000. This decoder has five function outputs. Size: 2.85" x 0.65" x 0.125" (thin).

P2K-SR - 524-108

This HO sized decoder is designed for the LifeLike Proto 2000 GP7/9/30 and SD60 locomotives in HO Scale. The easiest installation possible, just plug it in! Note: Follow LifeLike's directions about using the correct light bulbs for DCC. 1.3 Amp (2 Amp peak). Four function outputs, smooth and quiet. Size: 1.45" x 0.65" x 0.31".

KRS-SR - 524-109

This HO sized decoder is designed for the Kato RS2/RSC2 and C44-9, Stewart VO-1000, Intermountain F7, Atlas U23B and U30B locomotives in HO Scale. The easiest installation possible, just plug it in! 1.3 Amp rating, (2 Amp peak). Four function outputs. Size: 1.45" x 0.65" x 0.31".

SW9-SR - 524-110

This decoder is made to fit the LifeLike HO Scale SW9/SW1200 switcher. Easy installation exactly replaces the existing PC board in the locomotive. No need to remove the weight. The decoder provides a means to install a white LED or 12 Volt bulb as the headlight. Because the 1.5 Volt rear light in this locomotive is difficult to replace we provide a dropping resistor right on the decoder. Three function outputs. Size: 0.100" thick - fits P2K SW8/SW9/SW1200.

ATLS4 - 524-113

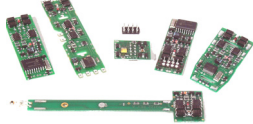
This decoder is specifically designed for Atlas/Roco Alco S1, S2, S3 and S4 switchers. The decoder has 2 function outputs with built-in Golden Glow LEDs for head and rear lights. We also include a motor isolating kit to prevent decoder damage.

D18SR - 524-134

1.3 Amp (2 Amp peak) rating, eight function outputs. Size: 1.5" x 0.63" x 0.120".

BachDsl - 524-139

Replace the noisy, poor running decoder in Bachmann's "DCC Equipped" diesels with our new four function decoder designed for smooth, quiet operation.



O and Large Scale Decoders

D408SR - 524-111

4 Amp (8 Amp peak) decoder for S, O and large scale with connectorized wire harnesses. Eight function outputs. Size: 2.35" x 1.2" x 0.35".

D408E - 524-140

4 Amp (12 Amp peak) BEMF decoder for S, O and large scale with connectorized wire harnesses. Eight function outputs. Size: 2.35" x 1.20".

ATL-O - 524-141

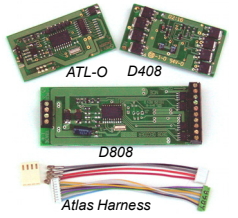
Plug and Play decoder for Atlas-O locomotives. Also fits some Weaver and others with the "Dog Bone" circuit board. Size: 2.75" x 1.00".

Atlas Harness - Plug and Play Wiring Harness - 524-133

Converts D408SR or D408E decoder to a plug and play decoder for most Atlas and Weaver locomotives.

D808 High Current Decoder - 524-112

This Silent Running™ decoder is specifically designed for high stall current large scale locomotives such as those produced by USA Trains and Charles Ro. The decoder has 8 function outputs each capable of 1/2 Amp and a stall rating of 30 Amps with 8 Amps average running current. It measures 3.7" x 1.4" x 0.6".



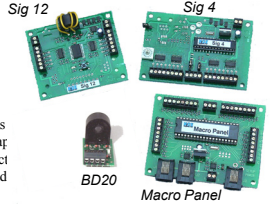
Signal System

Macro Panel - 524-201

Use this device to build your control panels with greatly simplified wiring. Just connect pushbuttons, track trips, or block detectors to the Macro panel. Issue turnout routing macros, individual turnout commands or CTC signal commands by pushing one button. Set up is easy, just plug in a Pro Cab and answer menu questions.

Sig 12 - 524-203

A stand alone Automatic Block Signal (ABS) for one block. Easy hook up and installation. Built in block detector and control of two signal heads. Most prototype signals supported through unique aspect map. Can operate up to 32 different aspect Automatic operation can be overridden computer or Macro Panel.



Sig 4 - 524-135

Designed for advanced signalling and interlocking. The Sig 4 is a Signal Decoder only. Can operate up to 32 different aspects. Will control up to four signal heads with computer or Macro Panel.

BD20 Block Detector Module - 524-205

Detects DCC current being drawn in a block. Connects to AIU01, NCE and most commercial signal systems.

RB02 - Radio Base Station - 524-23

Second generation two way wireless for DCC. Will handle up to 48 wireless cabs. All features of your cabs are available without plugging in! Radio equipped cabs automatically switch from radio mode to tethered mode when plugged in. A seven foot hook up cable is included.

RPT1 - Radio Repeater - 524-24

Increase the saturation of the radio signal in hard to reach areas. Up to 30 Repeaters can be used. A forty foot hook up cable is included. Requires the use of one RB02 Radio Base Station.

