



ADS-2FX SOLENOID DECODERS

Let DCCconcepts' solenoid controllers take the headache out of multiple point control

Very, very few accessory decoders can reliably power TWO Peco, SEEP or Hornby point motors, so it is no surprise that DCCconcepts ADS Accessory decoders were already a runaway success!

However, at DCCconcepts we are never satisfied until we reach our ideals, and the newly released AD-S8fx (eight-way) and AD-S2fx (two-way) Accessory decoders do just that!

Building on the success of our ADS design, that already allows any individual output to power both ends of a loop or a crossover, we have now added features that solve problems modellers have struggled with for more than 50 years!

AD-S8fx and AD-S2fx decoders really can do it all!

There is no need for an added power supply when used for DCC as they store all the power they need on-board, with a capacitor discharge unit built into every output. Therefore they do not drain the train power when operating. Because of this, they also work beautifully with the fast-firing commands of computer control and 'route setting'.

They include built-in LED control for control panels and signals, frog power switching to change the polarity of live frog pointwork - and they can even be used to provide feedback to a computer system.

AD-S8fx and AD-S2fx decoders are so

versatile. They are equally usable on DC or DCC controlled layouts, and how you choose to control them is up to you as they are incredibly versatile: For DC control, use a 15-22V DC laptop or similar power supply lead.

You can, of course, address each of the outputs individually and operate them with DCC. You can also have manual control just by adding two pushbutton switches or, if you prefer, use stud and probe, diode matrix or even trigger each output with a detector for basic automation... they take it all in their stride!

Wiring is simple too... most connections are made via simple screw terminals - only the LED outputs require the use of a soldering iron.

AD-S8fx and AD-S2fx decoders save you time, frustration, effort and a LOT of money!

Ever added micro-switches for frog and panel light control to a solenoid - along with all that extra wire - then had to tweak the motor to get it working reliably because of the extra load? You'll

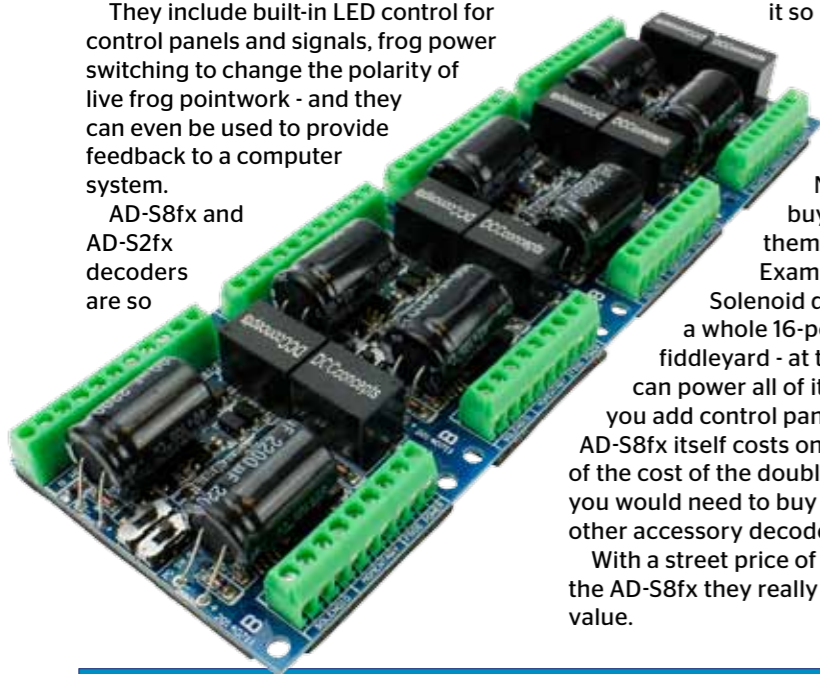
understand what we mean straight away.

None of us wants the added stress of complex installation, and DCCconcepts AD-Sfx series decoders make

it so much simpler and easier. Most importantly they'll also save you money - there is NOTHING else to buy when you use them.

Example: ONE AD-S8fx Solenoid decoder can power a whole 16-point double-ended fiddleyard - at the same time it can power all of its live frogs and let you add control panel lights. Yet AD-S8fx itself costs only about two thirds of the cost of the double micro-switches you would need to buy if you used ANY other accessory decoder!

With a street price of under GBP70 for the AD-S8fx they really are exceptional value.



DID YOU KNOW?

The ADS-2fx solenoid decoder can be used to control FOUR turnouts. However, the eight-output ADS-8fx can control SIXTEEN turnouts, saving you a great deal of time, money and wire!

By DAVE LOWERY

OK, it might not be the most exciting headline in the world but that seemingly meaningless collection of letters and numbers is the name of a device that will actually spice up the electrics on your layout.

Let's face it: the electrics aren't the most thrilling part of building a layout - in fact, it's possibly the most off-putting stage - but it is the most important element to get right. After all, one misplaced wire can make everything go belly up.

I started to get excited by electrics when I first started to use DCCconcepts' Cobalt point motors, and I'm finding

more and more that I actually look forward to using its new products. It might not have the most exciting name, but I was excited by the little bit of flair that ADS-2fx will bring to a layout's control panel and operation potential.

I've wired a lot of layouts over the years. While I've been swayed recently by Cobalt, I do, like the majority of modellers, often revert to the basic solenoid 'clunk clunk' point motor.

So you have a DC layout and want to fit solenoid motors? This unit will bring the operation to life. Firstly, each solenoid will require its own capacitor discharge unit. But ADS-2fx does away

with that. It has simple connections for operating live frog switching too, getting rid of another problematic wiring task, and it will also give you the opportunity to include an LED indicator display on your control panel without much fuss.

You don't even have to get rid of it, should you convert to DCC. Traditionally, your points would require their own decoder. But if you have an ADS-2fx installed, there is a simple set/run switch on the unit that is used when allotting an operating number to the point following the instructions of your new DCC controller. It couldn't be simpler.

HOW TO DO IT: INSTALLING ADS-2FX SOLENOID DECODER

00 GAUGE

MODEL
DCCconcepts H-DML-MBS buffer stops with working oil lamps
• Price: £22.50

AVAILABILITY
Gaugemaster
• Tel: 01903 884488
• Web: www.gaugemaster.com

DIFFICULTY

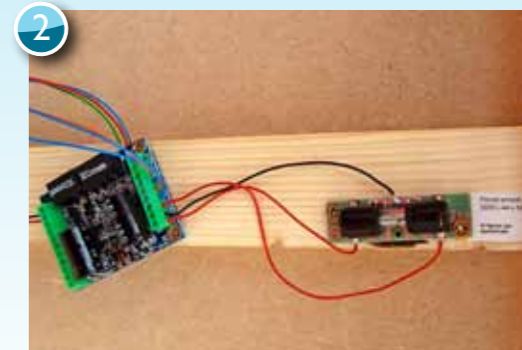


TOOLS NEEDED

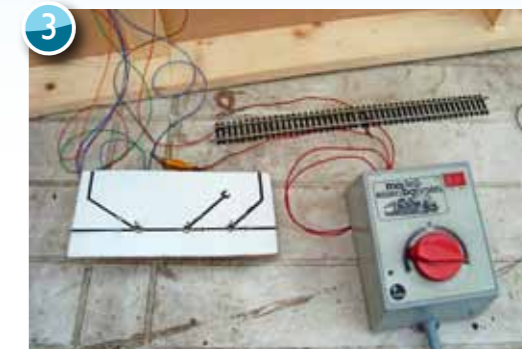
- Soldering iron and equipment
- Pin vice and bits
- Paintbrushes
- Cyanoacrylate



The basic ADS-2fx unit will operate four solenoid point motors.



For DC control, you'll need a separate 15V DC supply. For DCC, you'll just connect two wires to the track.



Using a simple control panel diagram to mimic your layout, with spray toggle switches to operate the points.



The ADS unit will allow you to build a fancy looking control with LED route indicators that will be the envy of your friends!