

A full guide to the

Version 1
September 2024

WHO GOODWOOD REVIVAL

21 SEPTEMBER 2024



RC564
RACE CONTROL SYSTEM

SCALEXTRIC®

Entry
£4 under-16s
£6 adults

10AM-4.30PM
SIX CLASSES RUNNING THIS YEAR
INDIVIDUAL, PAIRS & TEAM FORMATS

Racing organised by the
Worthing HO Racing Club



WHO/DIGITAL Goodwood Revival 2024

At our Goodwood Revival Saturday we race models of cars from the 1948-1966 era, when the Goodwood Motor Circuit in West Sussex held regular national and international race meetings.

The aim of the day is to recreate the atmosphere of the Goodwood Revival historic racing festival that has been held since 1998. Our racing uses the Scalextric Sport Digital system and RCS64. Cars will be run without traction magnets and may be modern ready-to-run (RTR) models, kits or scratch-builds. We race on a layout inspired by the Goodwood Motor Circuit, featuring a single-lane chicane.

The 2024 WHO Goodwood Revival event will run all six of the following classes...

St Mary's Trophy (Parts I & II): A two-part pairs race (one ten-minute heat per driver) for 4-seat, hard top saloon cars 1948-1966. The aggregate of the two drivers' scores count towards the final result. RTR models by Scalextric Carrera and Revell with standard S-Can motors or FF as fitted. Also George Turner kits (GTM chassis) or other bodies with PCS32 chassis. Wheel & tyre width: Minimum 5mm, maximum 10mm.

Richmond Trophy: An individual sprint race for front-engined 2.5-litre Grand Prix cars 1948-1960 to include George Turner kits, plus Cartrix and Scalextric RTR cars. Wheels & tyres: minimum diameter 19mm, minimum width 5mm, maximum width 7.5mm. Rear track must not exceed a maximum overall width of 55mm.

Whitsun Trophy: An individual race for Sports Prototype and Can-Am cars to 1966, including various RTR models and George Turner kits. Maximum tyre width 10mm, minimum rear diameter 20mm.

Kinrara Trophy: A 45-minute team race for 1959-64 closed-cockpit GT cars. Must have headlights fitted and use a Scalextric or PSR AC6 S-can motor. A 3D-printed chassis with Slot.it pod (inline or Sidewinder) may be used, or suitable George Turner cars with supplied chassis. Wheels & tyres: minimum diameter 19mm, minimum width 5mm, maximum width 7.5mm.

RAC TT Celebration: A pairs race (with driver change) for 1959-64 closed-cockpit GT cars featuring front-motored RTR models by Scalextric, Revell and Fly, using original wheels.

Sussex Trophy: A 45-minute team race for 1950-59 World Championship sports cars and production sports racing cars featuring RTR models and kits by George Turner, Racing Replicas, OCAR etc using a Scalextric or PSR S-can motor. Wheels & tyres: minimum diameter 19mm (front) 21mm (rear), minimum width 5mm, maximum width 7.5mm. Maximum overall width of car 57mm.

Motors. All built kits and scratch built cars must be powered by either a standard Scalextric C8146 S-Can motor or the Pendles PSR AC6 double-shaft can. Kits requiring a slim can motor should use the PSR AC1 can. A throttle profile is available to suit Scalextric slim can motors.

Slot.it and Policar models are eligible for the Whitsun Trophy, but must be run as with a built kit - using a Scalextric or PSR AC6 motor and Scalextric gear ratios.



2024 Timetable

Revival - 21 September

RAC TT Celebration (pairs)

St Mary's Trophy (pairs)

Kinrara Trophy (team)

Richmond Trophy (individual)

Sussex Trophy (individual)

Whitsun Trophy (individual)

Driver Seedings

Pairs and teams must only include one Gold Rated driver. In 2024, these are: Alex Stone, Miike Dadson, Ryan Walker, Andy Player, Oliver Walker & Jeremy Belcher.

Concours d'Elegance

During and after lunch, a Concours d'Elegance competition will be held for all the cars that have been built or re-liveried for the day. Everyone will get to vote on their favourite-looking car and a prize awarded.



Dressing up

Dressing up in the style of the 1950s or 60s is a fun part of the real Goodwood Revival. Fancy dress is not compulsory, but is encouraged - even a old-fashioned hat or a retro T-shirt would be great.

Classic Slot Car Racing Association

We have based our Goodwood Revival build guidelines on the superb CSCRA rules. These encourage competitive racing while ensuring some exquisite-looking classic cars - exactly what we're hoping for.

WHO/DIGITAL St Mary's Trophy



The St Mary's Trophy is a two-part pairs race (one 20-minute heat per driver) for saloon cars 1948-1966. Ready to Run (RTR) cars and kits can be run. All cars must be prepared within these guidelines:

1. Digital Chip

Unmodified Scalextric C8515 EasyFit Digital Plug (any version), C7005/6 Retro-Fit Digital chip or Slot.it SP15B for non-DPR cars.

2. Body

For RTR cars, bodies, windscreens, window glass, interiors and all detailing parts must be used complete and unmodified. Kits must have hard plastic or resin bodies, but may use vacuum-formed windows. All cars should be decorated in a suitable period style and must carry at least three racing numbers.

2a. Cockpit/interior

For RTR cars, original cockpit must be used and include full driver, roll bar and all detailing parts. The cockpit may only be modified by having excess material removed from the underside to aid fitment and body roll. Kits may use a vacuum-formed interior, suitably decorated and with a detailed driver head, plus shoulder, arms & steering wheel.

3. Chassis

RTR chassis must be original and intended for the body being used. No modifications to the motor, axle or guide mountings positions. Minor sanding of the chassis edges is permitted to allow the body to move freely on the chassis. George Turner kits must use the supplied chassis. Other kits must use the PCS32 chassis.

4. Motors & Motor Mounting

Kits must use standard Scalextric or PSR AC1 or AC6 motors. RTR cars must use motor supplied or the PSR AC1 or AC6. Motors must be mounted in the original motor mounts. Motors may be glued into place.

5. Gears, axles and bearings

RTR cars should run with the gears, axles and bearings they come with. Kits can use any make of components, but must use a standard Scalextric gear ratio:

- Sidewinder - 11T pinion & 36T spur gear.
- Inline - 9T pinion & 27T crown gear.

6. Wheels and tyres

Wheels may be plastic or alloy with suitable wheel inserts fitted. Tyre width: Minimum 5mm, maximum 10mm. The width is measured as the contact area with the track. Any rubber or urethane tyres are permitted. Front tyres can be coated in superglue or varnish to reduce grip. Tyres may be glued and trued. No tyre additives that leave residue on the tyres or track may be used.

7. Guides

RTR stock guide as per chassis. Kits may use any standard-depth (not wood track) guide.

8. Braids

Original pick-up braids or 'robust' copper braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag.

9. Ballast and Traction Magnets

Traction magnets must be removed. Ballast (eg lead sheet or tungsten putty) may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.



Suggested cars list:

Scalextric

1957 Jaguar Mk1
1959 Mini Cooper Mk1
1959 Ford Anglia 105E
1963 VW Beetle
1963 Ford Lotus Cortina Mk1
1965 Ford Mustang

Revell-Monogram

1963 Ford Galaxie 500
1963 Lotus Ford Cortina Mk1
1965 Ford Galaxie 500
1965 Ford Mustang GT350

Carrera

1956 Ford Thunderbird 'Blown Bird'
1957 Chevrolet Bel Air Coupé
1960 Plymouth Fury
1965 Ford Mustang GT350

George Turner Models

1953 Ford Popular road car*
1954 Jaguar Mk7
1956 Austin A35 road car (SAL301)*
1957 Jaguar Mk1
1958 Austin A40 Farina (SAL151)*
1958 Volvo PV544
1963 Ford Galaxie 500
1963 Lotus Ford Cortina Mk1
1964 Ford Falcon Sprint
1965 Frazer Imp*
1965 Mini Marcos

**flared wheel arch models not allowed*

Pendles Kits

1953 MG Magnette ZA
1956 Ford Zephyr Mk2
1956 Morris Minor
1956 Morris Oxford
1956 Renault Dauphine
1960 Ford Anglia road car
1962 Alfa Romeo Giulia

OCAR kits

1964 Fiat 500 Abarth

If you are planning to run a car not on this list, please contact us first.

WHO/DIGITAL Richmond Trophy



The Richmond Trophy is an individual sprint race for front-engined 2.5-litre Grand Prix cars 1948-1960. Ready to Run (RTR) cars and George Turner kits can be run. All cars must be prepared within these guidelines:

1. Digital Chip

Unmodified Scalextric C7005/6 Retro-Fit Digital chip or Slot.it SP15B.

2. Body

For RTR cars, bodies, windscreens, interiors and all detailing parts must be used complete and unmodified. George Turner kits have resin bodies and vacuum-formed interiors. All cars should be decorated in a suitable period style and must carry at least three racing numbers.

2a. Cockpit/interior

The original cockpit must be used - including a full driver and all detailing parts. The cockpit may be trimmed for the benefit of fit and clearances.

3. Chassis

RTR chassis must be original and intended for the body being used. No modifications to the motor, axle or guide mountings positions. Minor sanding of the chassis edges is permitted to allow the body to move freely on the chassis. George Turner kits must use the supplied chassis.

4. Motors & Motor Mounting

Kits must use standard Scalextric or PSR AC1 or AC6 motors. RTR cars must use motor supplied or the PSR AC1 or AC6. Motors must be mounted in the original motor mounts. Motors may be glued into place.

5. Gears, axles and bearings

RTR cars should run with the gears, axles and bearings they come with. Kits can use any make of components, but must use a standard Scalextric inline gear ratio: 9T pinion & 27T crown gear.

6. Wheels and tyres

Wheels may be plastic or alloy with suitable wheel inserts fitted. Tyre width: Minimum 5mm, maximum 7.5mm. The width is measured as the contact area with the track. Minimum diameter: 19mm (front) 21.5mm (rear). Any rubber or urethane tyres are permitted. Front tyres can be coated in superglue or varnish to reduce grip. Tyres may be glued and trued. No tyre additives that leave residue on the tyres may be used.

7. Guides

RTR stock guide as per chassis or SureChange guide (see page 20). Kits may use any standard-depth (not wood track) guide.

8. Braids

Original pick-up braids or 'robust' copper braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag.

9. Ballast and Traction Magnets

Traction magnets must be removed. Ballast (eg lead sheet or tungsten putty) may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.

10. Width

Rear track width must not exceed 55mm.



Eligible cars list:

Scalextric

Ferrari 375
Maserati 250F
Vanwall F1

Carrera

Ferrari D50

Cartrix

Alfa Romeo Alfetta
Alfa Romeo 158
Aston Martin DBR4
BRM P-25
Bugatti T351
Ferrari F555
Gordini T32
Lancia-Ferrari D50
Lotus 16
Maserati 250F
Mercedes W196
Scarab F1
Talbot-Lago
Vanwall F1

George Turner Models

Alfa Romeo 8C
Alfa Romeo 12C
Alfa Romeo 158
Austin Twin Cam
BRM T25
Connaught A-Series
Cooper Bristol
ERA
Ferrari 500 F2
Ferrari 801
Gordini T16
Lancia-Ferrari D50
Maserati 4CLT
Maserati 250F
Mercedes W125
Mercedes W196
Talbot Lago

If you are planning to run a car not on this list, please contact us first.

WHO/DIGITAL Whitsun Trophy



An individual race for Sports Prototype and early Can-Am cars to 1966. Ready to Run (RTR) and kits can be run. All cars must be prepared within these guidelines:

1. Digital Chip

Unmodified Scalextric C8515 EasyFit Digital Plug (any version), C7005/6 Retro-Fit Digital chip or Slot.it SP15B for non-DPR cars.

2. Body

For RTR cars, bodies, windscreens, window glass, interiors and all detailing parts must be used complete and unmodified. Kits must have injection-moulded plastic, fibreglass or resin bodies and may use vacuum-formed windows. All cars should be decorated in a suitable period style and must carry at least three racing numbers.

2a. Cockpit/interior

For RTR cars, original cockpit must be used and include full driver, roll bar and all detailing parts. The cockpit may be trimmed for the benefit of fit and clearances.. Kits may use a vacuum-formed interior, suitably decorated and with a detailed driver head, plus shoulder, arms & steering wheel.

3. Chassis

RTR chassis must be original and intended for the body being used. No modifications to the motor, axle or guide mountings positions. Minor sanding of the chassis edges is permitted to allow the body to move freely on the chassis. George Turner kits must use the supplied chassis. Other kits must use the PCS32 chassis.

4. Motors & Motor Mounting

Kits, Policar & Slot.it models must use standard Scalextric or PSR AC6 motors. RTR cars may use motor supplied or the PSR AC1 or AC6. Motors must be mounted in the original motor mounts. Motors may be glued into place.

5. Gears, axles and bearings

Cars can use any make of components, but must use a standard Scalextric gear ratio:

- Sidewinder - 11T pinion & 36T spur gear.
- Inline - 9T pinion & 27T crown gear.

6. Wheels and tyres

Wheels may be plastic or alloy with suitable wheel inserts fitted. Tyre width: Minimum 5mm, maximum 10mm. The width is measured as the contact area with the track. Minimum diameter: 18mm (front) 20mm (rear). Any rubber or urethane tyres are permitted. Front tyres can be coated in superglue or varnish to reduce grip. Tyres may be glued and trued. No tyre additives that leave residue on the tyres or track may be used.

7. Guides

RTR stock guide as per chassis. Kits may use any standard-depth (not wood track) guide.

8. Braids

Original pick-up braids or 'robust' copper braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag.

9. Ballast and Traction Magnets

Traction magnets must be removed. Ballast (eg lead sheet or tungsten putty) may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.



Suggested cars list:

Scalextric

1964 Ford GT40
1966 Ford GT40 Mk2
1966 Ferrari 412P

Carrera

1964 Porsche 904
1965 Ferrari 356 P2

Fly

1964 Ford GT40
1965 Ferrari 250LM
1966 Ford GT40 Mk2
1966 Porsche Carrera 6

MRRC

1964 Porsche 904
1966 Porsche 910

Policar**

1966 Ferrari 412P (18k motor)

Revell-Monogram

1963 Chaparral 2A
1963 Cooper T61 'Monaco'
1965 Lola T70 Mk2 Spyder

Slot.it**

1964 Ford GT40 (18k motor)
1966 Ford GT40 MkII (18k motor)
1966 Chaparral 2E (18k motor)

George Turner Models**

1963 Chaparral 2A
1964 Lotus 30
1964 McLaren M1A
1965 Lotus 40
1966 Chaparral 2D

Pendles Kits**

1965 Lola T70 Mk2 Spyder

Betta & Classic fibreglass bodies**

1963 Zerex Cooper Olds*
1966 Ferrari 330 P3*
1966 McLaren Elva Mk2*

** Detailing parts must be added.*

*** Must use 18k Scalextric or PSR AC6 and Scalextric gear ratio.*

WHO/DIGITAL Kinrara Trophy



The Kinrara is a 45-minute team race for 1959-64 closed top GT cars. Ready to Run (RTR) and kits can be run, RTR cars may use 3D-printed chassis and must use a 18k Scalextric or PSR motor. All cars must be prepared within these guidelines:

1. Digital Chip

Unmodified Scalextric C8515 EasyFit Digital Plug (any version), C7005/6 Retro-Fit Digital chip or Slot.it SP15B for non-DPR cars.

2. Body

For RTR cars, bodies, windscreens and window glass must be used complete and unmodified. Kits must have injection-moulded plastic or cast resin bodies and may use vacuum-formed windows. All cars should be decorated in a suitable period style and must carry at least three racing numbers.

2a. Cockpit/interior

All cars may use a vacuum-formed interior, suitably decorated and with a detailed driver head, plus shoulders, arms & top of steering wheel.

3. Chassis

RTR cars may use their original chassis. RTR cars may alternatively use a 3D-printed chassis, designed and marketed for the specific model and for a Slot.it motor pod. The chassis must be available for sale on Shapeways. George Turner kits must use the supplied chassis.

4. Motors & Motor Mounting

All cars must use unmodified Scalextric Mabuchi S18k motor or PSR AC6 double-shaft can. 3D-printed chassis must use a genuine Slot.it inline or sidewinder motor pod. Motors may be glued into place. Motor cans in Slot.it pods must be insulated from the circuit rails.

5. Gears, axles, bearings, screws and wires

Cars can use any make of components, but must use a standard Scalextric gear ratio:

- Sidewinder - 11T pinion & 36T spur gear.
- Inline - 9T pinion & 27T crown gear.

6. Wheels and tyres

Wheels may be plastic or alloy with suitable wheel inserts fitted. Tyre width: Minimum 5mm, maximum 7.5mm. The width is measured as the contact area with the track. Minimum diameter: 19mm (front) 21mm (rear). Any rubber or urethane tyres are permitted. Front tyres can be coated in superglue or varnish to reduce grip. Tyres may be glued and trued. No tyre additives that leave residue on the tyres or track may be used.

7. Guides

Cars may use any standard-depth (not wood track) guide.

8. Braids

Original pick-up braids or 'robust' copper braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag.

9. Ballast and Traction Magnets

Traction magnets must be removed. Ballast (eg lead sheet or tungsten putty) may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.

10. Lights

Cars must be fitted with working headlights - rear lights are recommended. The lights must work while the car is under power.



Eligible car list:

Scalextric

1962 Ferrari 250 GTO
1963 Jaguar E Type
1963 AC Cobra 289 Hardtop

Fly

1962 Ferrari 250 GTO (OFR)*
1963 Alfa Romeo TZ2 (OFR)*

MRRC

1962 Shelby Cobra Hardtop (NR3)*

Ninco

1959 Austin Healey 3000 (Amato)*
1962 Shelby Cobra Hardtop (i3D)*

Revell-Monogram

1962 Ferrari 250 GTO LM (NR3)*
1963 Jaguar E Type (OFR + NR3)*
1963 Corvette Grand Sport (OFR)*
1964 Shelby Cobra Daytona (OFR)*

George Turner Models

1959 Austin-Healey 3000
1960 Porsche 356 Coupé
1961 Corvette C1
1961 Jaguar E Type
1962 AC Cobra Hardtop
1963 Corvette Grand Sport
1963 Jaguar Lightweight E Type
1964 Iso Griffo A3C Bizzarrini

*3D-printed chassis available:

OFR - Olifer chassis

NR3 - National Racers 3D

i3D - i3D Slot

Amato - Amato Slot Car Design
(Slot.it pod versions only)

Kinrara Trophy entry procedure

The race will have a maximum of six entries. Once the six places are filled, any extra entries will be placed on a reserve list.

The RAC TT Celebration race for 1959-64 closed top GT cars.
Front-motor Ready to Run (RTR) models using mostly original components. Cars must be prepared within these guidelines:

1. Digital Chip

Unmodified Scalextric C7005/6 Retro-Fit Digital chip or Slot.it SP15B.

2. Body

Bodies, windscreens, window glass and all detailing parts must be used complete and unmodified. Body to chassis mountings must not be lowered in any way. Tabs may be removed to aid body float. The original windscreen and window glass must remain fitted. Bodies may be repainted. All cars should carry at least three racing numbers. The body must be mounted to the chassis using the original fixing locations and methods. Any screws and washers may be used.

2a. Cockpit/interior

Original cockpit must be used and include full driver, roll bar and all detailing parts. The cockpit may be trimmed for the benefit of fit and clearances.

3. Chassis

Only front-motored models are eligible with a chassis originally intended for the body being used. 3D printed chassis are not permitted. No modifications to the motor, axle or guide mountings positions. Minor sanding of the chassis edges is permitted to allow the body to move freely on the chassis.

4. Motors & Motor Mounting

Only cars with front-mounted S-Can motor are eligible for this class. All cars must be powered by unmodified original or manufacturer's replacement motor and drive-shaft. Motors must be mounted in the original motor mounts. Motors and drive-shaft bearings may be glued into place.

5. Gears, axles, bearings and wires

Cars must use original or manufacturer's replacement parts. Bearings may be glued into place.

6. Wheels and tyres

Original front and rear wheels must be retained. Tyre width: Minimum 5mm, maximum 7.5mm. The width is measured as the contact area with the track. Minimum diameter: 19mm (front) 21mm (rear). Any rubber or urethane tyres are permitted. Front tyres can be coated in superglue or varnish to reduce grip. Tyres may be glued and trued. No tyre additives that leave residue on the tyres or track may be used.

7. Guides

Cars must use either original guide or a SureChange guide to hold the lane-changing LED. A SureChange guide is the preferred way to convert a front-motored model to digital.

8. Braids

Original pick-up braids or 'robust' copper braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag.

9. Ballast and Traction Magnets

Traction magnets must be removed. Ballast (eg lead sheet or tungsten putty) may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.

10. Lights

Cars may be fitted with working front and rear lights.



Eligible car list:



Scalextric

1962 Ferrari 250 GTO
1963 Jaguar E Type
1963 AC Cobra 289 Hardtop
1963 Aston Martin DB5



Revell-Monogram

1962 Ferrari 250 GTO LM
1963 Jaguar E Type
1963 Corvette Grand Sport
1964 Shelby Cobra Daytona



Fly

1962 Ferrari 250 GTO
1963 Alfa Romeo TZ2

SURECHANGE GUIDES

SureChange guides are available from the WHO/digital club shop. We will sell them at cost price.

WHO/DIGITAL Sussex Trophy



The Sussex Trophy is an individual race for 1950-59 World Championship sports cars and production sports racing cars featuring kits and some RTR cars using a Scalextric or PSR S-can motor. All cars must be prepared within these guidelines:

1. Digital Chip

Unmodified Scalextric C7005/6 Retro-Fit Digital chip or Slot.it SP15B.

2. Body

For RTR cars, bodies, windscreens, window glass, interiors and all detailing parts must be used complete and unmodified. Kits must have hard plastic or resin bodies, but may use vacuum-formed windows. All cars should be decorated in a suitable period style and must carry at least three racing numbers.

2a. Cockpit/interior

For RTR cars, original cockpit must be used and include full driver, roll bar and all detailing parts. The cockpit may only be modified by having excess material removed from the underside to aid fitment and body roll. Kits may use a vacuum-formed interior, suitably decorated and with a detailed driver head, plus shoulder, arms & steering wheel.

3. Chassis

RTR chassis must be original and intended for the body being used. No modifications to the motor, axle or guide mountings positions. Minor sanding of the chassis edges is permitted to allow the body to move freely on the chassis. George Turner kits must use the supplied chassis. Other kits must use the PCS32 chassis.

4. Motors & Motor Mounting

All cars - kits and RTR - must use standard Scalextric or PSR AC6 motors. Motors must be mounted in the original motor mounts. Motors may be glued into place.

5. Gears, axles and bearings

RTR cars should run with the gears, axles and bearings they come with. Kits can use any make of components, but must use a standard Scalextric gear ratio - Sidewinder - 11T pinion & 36T spur gear. Inline - 9T pinion & 27T crown gear.

6. Wheels and tyres

Wheels may be plastic or alloy with suitable wheel inserts fitted. Wheels & tyres minimum diameter 19mm (front) 21mm (rear), minimum width 5mm, maximum width 7.5mm. Any rubber or urethane tyres are permitted. Front tyres can be coated in superglue or varnish to reduce grip. Tyres may be glued and trued. No tyre additives that leave residue on the tyres or track may be used.

7. Guides

RTR stock guide as per chassis. Kits may use any standard-depth (not wood track) guide.

8. Braids

Original pick-up braids or 'robust' copper braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag.

9. Ballast and Traction Magnets

Traction magnets must be removed. Ballast (eg lead sheet or tungsten putty) may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.

10. Width

Must not exceed 57mm at any point.



We would very much like to see a grid of fabulous kits and scratch-builds for this class. A limited number of RTR cars are included.

Suggested cars list:

George Turner Models

1948 Frazer Nash Le Mans
1950 Allard J2
1950 Aston Martin DB2
1952 Cunningham C4R/K
1953 Lancia D24
1953 Aston Martin DB3S
1954 Jaguar D-Type
1955 Maserati 300S
1955 Porsche 356A
1955 Morgan 4/4 Series 2
1956 Aston Martin DBR1
1958 Lister-Jaguar Knobbly
1958 Austin Healey Frogeye
1959 Sunbeam Alpine

Racing Replicas

1955 MG MGA
1956 Austin Healey 100

OCAR Scale Replicas

1950 Aston Martin DB2
1950 Cadillac Series 61 Le Mans
1952 Cunningham C4R
1953 Nash-Healey Le Mans
1957 Lotus Elite
1959 Maserati Tipo 60/1 Birdcage
1959 Lister-Jaguar Costin

Scalextric

1954 Jaguar D-Type
1955 Mercedes-Benz 300 SLR

Carrera

1954 Maserati A6GCS
1954 Jaguar D-Type
1955 Mercedes-Benz 300 SLR

Ninco

1957 Ferrari 250TR (S-Can chassis)

If you are planning to run a car not on this list, please contact us first.

WHO/DIGITAL 2024 Truspeed Controllers



The **Truspeed SSD IV** is a quality wireless digital controller that works with the Scalextric Sport Digital Advanced Powerbase (APB) via the Slot Car Solutions wireless receiver.

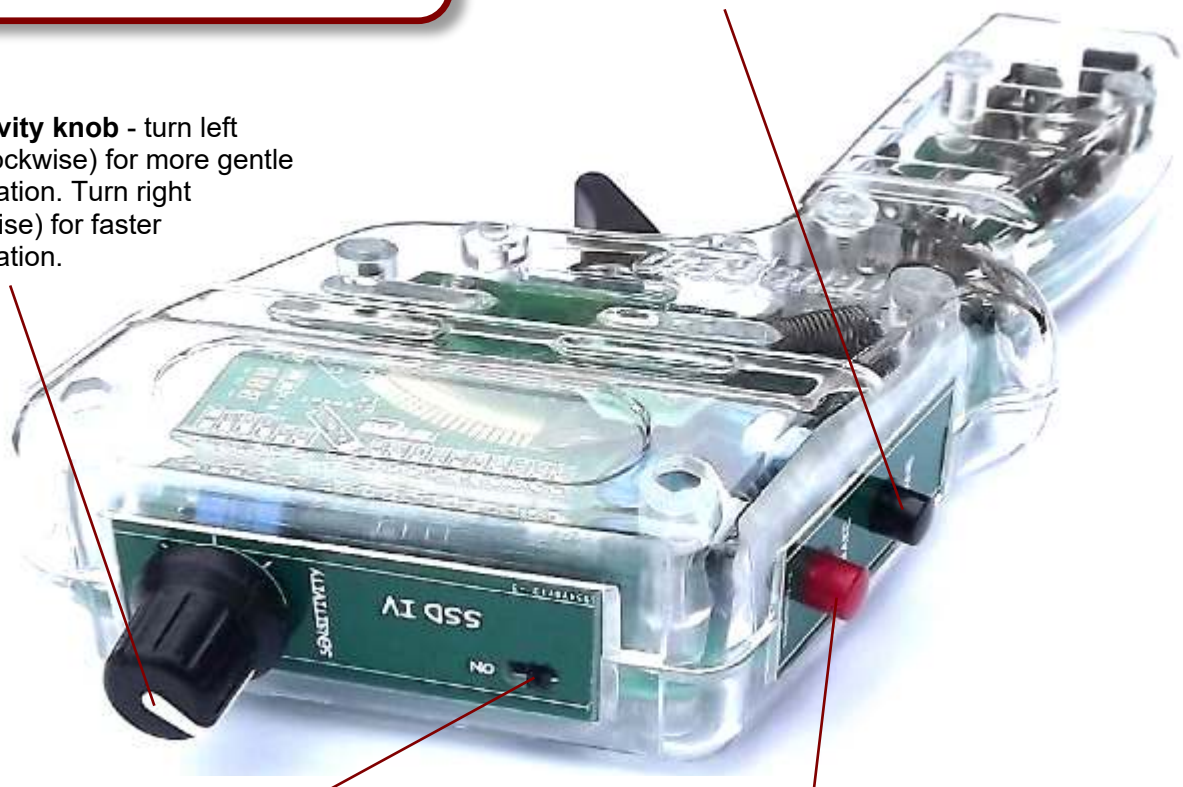
With wireless controllers, drivers can move around the track and get up close to the display monitors and to the pit lane.

The main features are explained here.

Black 'Lane Change' button - this is used to change lanes during a race. However, it also has menu functions in RCS64:

- Tyre choice before a race
- Scrolls through options in pit menu

Sensitivity knob - turn left (anti-clockwise) for more gentle acceleration. Turn right (clockwise) for faster acceleration.



On-Off switch - the controller will switch itself off when not in use. If your controller is not working correctly, use this switch to turn off and then on again.

Red 'Brake' button - this button is used to brake during a race. However, it also has menu functions in RCS64:

- Lights up the 'Ready' box before a race
- 'Select' button in pit menu

BUYING CARS FOR WHO/DIGITAL EVENTS

Depending on what events you can attend, your first car purchases should be aimed at the individual races at the Tin Top Saturdays in November and December. A BTCC car will get six races per year, Muscle Car Mondiale and Carrera Nascar will both get two. For the September and October races, the Richmond and Whitsun Trophy individual races are annual events. Cars for pairs races - Legends (4 races), St Mary's Trophy and TT Celebration (one each) are perfect if you are racing with a friend or family member.



WHO/DIGITAL 2024 Introduction to RCS64

RCS64 RACE CONTROL SYSTEM

We use the latest version (v.4) of RCS64 at WHO/digital, so not all the info on the RCS64 website is relevant.

There are detailed fact sheets and a video on the RCS of the WHO/digital website to help you understand how it all works.

Here is a summary of RCS64 and the key simulations we use.

Race Control System 64 is a slot car race management system designed for Scalextric Sport Digital and specifically for the C7042 six-car advanced powerbase.

What does it do? RCS64 not only times the laps of the slot cars, but it simulates weather conditions, tyre wear and fuel use. RCS64 also controls pit stops and penalises drivers who jump the start.

What effect do the simulations have on the car? If it rains you may want to change to your wet tyres – if you don't your car will be very difficult to handle in the slippery conditions. Braking will be delayed if your tyres are worn. If you run out of fuel or wear out your tyres, your car will no longer count laps. You must pit immediately!

At WHO/digital we use RCS64 in different ways to simulate real-life motor racing formats like our BTCC championship and GT Championship.

Fuel simulation

- The faster you drive, the more fuel you burn
- The more fuel in your car, the slower your car will drive
- As you burn off fuel, the car will get quicker
- If you run out of fuel, you must pit!
- Refuel in the pits
- You can change tyres when you refuel.

Tyre simulation

- Choose either hard or soft tires to race on a dry track. Intermediate and full wet tyres are available for damp or wet tracks
- The harder you drive, the faster your tyres will wear. Replace worn tyres or change to alternative compounds in the pits
- The more you brake, the faster your tyres wear. The more worn your tyres are, the harder it is to slow down.

Weather simulation

- Check the weather forecast before the race and plan your race strategy. The weather forecast is not always correct!
- Grip and braking will be effected in wet conditions
- Come into the pits to change to either intermediate or wet tyres when it rains
- Change back to hard or soft tyres when the track dries – intermediate or wet tyres wear quicker on a dry track
- The higher the track temperature, the quicker your tyres will wear.

Team-work wins races

- There is plenty of information to digest during a WHO/digital race - data on the RCS64 monitors and announcements from race control.
- The key to a good result is to plan your race strategy and work as a team.
- While the driver is concentrating on driving, team mates can digest all the information about tyre wear, fuel levels and gaps to your nearest rivals.

● We have an *RCS64* page on our website ●

WHO/DIGITAL 2024 Links, Resources & Shop



Uncle Mike's Speed Shop

Mike casts his tyres from soft urethane rubber and these make ideal racing tyres for our Scalextric Sport track surface.

Price per pair is £3.00

His range includes tyres for many Scalextric and Carrera models, the standard Slot.it and NSR wheel sizes. That covers most of the cars we run at Digital Saturdays, including many of the Goodwood Revival classes.

WHO/DIGITAL Shop

Our WHO/digital shop is fairly small. We'll always keep a stock of Uncle Mike's urethane tyres, wire, eyelets and copper braid. We also stock the electronic components to make 'ferrite men'.

- Copper braid (60cms) - £1.00
- Flexible silicone motor wire (1m) - £1.00
- Eyelets for guide wire (four) - £1.00
- Ferrite Man (capacitor + ferrite filter) - 50p
- SureChange guides - £3.00

If we spot digital chips going cheap, we'll snap some up for the shop. Do tell us if there's anything else you'd like to see.



Pendles sell a vast range of slot cars, accessories and spares. They offer good prices & service.

WHO/digital racers are also eligible for a 10% online discount on all full price items. Just ask at any WHO event or email us.

www.pendleslotracing.co.uk



We have a 10% discount code for www.jadlamracingmodels.com

Swapmeets

Look out for fliers at the club or on social media. Swapmeets are great places to buy nice stuff at excellent prices.



Goodwood is our local circuit and some of us spend time there as track marshals or event volunteers.

If you'd like more info about getting involved, just ask at any WHO event.

www.goodwood.com



George Turner is a master model maker. For not much more than a Scalextric car, you can buy one of his kits to build as a slot car.

Go on, you know you want to...

georgeturnermodels.com



The Digital Slot Car Association brings together digital racers across the world with shared standards and some amazing events, such as the annual oXigen Le Mans 24 hour race.

For more details:

www.officialdisca.com

The Engine Shed



The Engine Shed is a wonderful shop next to Ford railway station. As well as trains, slot cars and slot car spares are available (just ask if you can't see what you want). They also host the annual AutoFest in October.

www.gaugemasterretail.com

WHO/DIGITAL website: www.who-digital.org.uk