

WHO SLOT RALLY 2024



DATES, FORMAT & RULES

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Slot car enthusiasts have been building rally stages and hillclimbs since the beginning of the hobby. Organised Slot Rally events then came along and became massive during the 1990s, spreading to wherever in the world there were rally fans who raced slot cars.

Slot Rally sees competitors racing solo against the clock across several different stages - just like a real rally. Track builders have a field-day designing eye-catching and challenging layouts. Naturally, there are loads of fabulous rally cars produced by different manufacturers, including Scalextric who have just re-launched their rally car range.

Back in 2021, WHO racers had a brief taste of Slot Rally with our Winter Rally Sprint proxy event - and now we have the chance to enjoy slot rallying together at the Barn...

In 2024, we'll hold two Wednesday club nights with 4-5 stages to race on - one event on 29 May and the other on 23 October. We also have the honour of hosting a round of a national series on Saturday 27 July - where we'll welcome top Slot Rally racers to the Barn as part of the re-booted Slot Rally GB championship.

Our WHO Slot Rally regulations are the standard Slot Rally Rules and Classes, agreed by participating clubs and individuals. You can find these on page 5, with any updates posted in the Slot Rally GB Facebook group.

So what are we waiting for? Let's do Slot Rally!



HOW DOES SLOT RALLY WORK?

When you walk through the door on a Wednesday Slot Rally night, you'll see four or five separate tracks laid out in the Barn.

The Tracks Slot Rally tracks are called stages - just like on a real rally - and are usually made from routed wood or sectional plastic track. Expect twisty layouts, bumpy surfaces and elevations. Search 'slotrally' on YouTube and have a look at what you find.

The Format You'll be allocated to a group of between 3 and 5 racers at the start of the evening. Each group rotates around the stages like you would a golf course, marking your card with the stage time of each of your cars. You can have a couple of practice laps, but then it's straight to your timed run - a set number of 'laps' which will take about a minute. If your car breaks down, a maximum time of 120 seconds will be recorded. Once your group has run all their cars on the stage, it's time to move to the next challenge. Each stage will take about 20-30 minutes per group.

The Result To win a slot rally, your car will need to complete all the stages with the lowest overall time. There's also a winner for each of the three classes - and we'll take note of the best junior racer, plus the fastest times of ready-to-run cars from Scalextric and SCX.

Slot Rally Driving Although your fellow group members can marshal your car if it crashes, any offs are going to wreck your chances of a quick stage time. Slot Rally driving requires a perfect balance of speed and staying in the slot.



WHAT WILL I NEED?

You won't need anything for our 2024 club nights - we will have club cars and controllers available for all the stages. However, you'll probably want to at least think about starting your own Slot Rally team...

The Cars You'll need a car that is compatible with the Slot Rally Rules and Classes, reproduced in full on the next page. Cars must be rally models, with a driver and co-driver, plus the motor must have an in-line configuration (ie right-angles to the axles) - and any traction magnets must be removed. Otherwise, there is a huge amount of choice and scope for modifications. A ready-to-run Scalextric, SCX or Ninco model is a good place to start - the Ninco rally cars from the 2000's with suspension and sprung guide are particularly nice. Unlike our other 1:32 scale racing, Slot Rally is 100% analogue, so there's no added expense of digital chips.

The Classes There are three classes of cars run at UK Slot Rally events - Classic Rally, Eighties & Nineties Rally and Modern Rally - coinciding with the great eras of rallying. Each class has a maximum rear axle width. All the details are on the next page. You can race one car from each class at WHO Slot Rally events - so up to three in total. It is fine to share cars with friends or family, as long as you are racing together in the same group.

Controllers All the stages are fitted with a standard 3-pin UK slot car club socket, so your WHO HO controller is ideal. We have loaner controllers, should you need to borrow one.

Tools A roll of masking tape to clean your car's tyres is a must. A simple tool kit is not a bad idea, but you won't have much time to work on your cars during the event.



SLOT RALLY RULES & CLASSES

General

- G1) Cars must be 1/32 scale models of 1:1 rally cars.
- G2) All parts must be commercially available.
- G3) Cars may be driven by two or four wheel drive.
- G4) No traction magnets allowed.
- G5) Ballast may be added but must be inside the car.
- G6) It is expected that cars will be fully decorated inside and out with an appropriate rally livery... Because style matters!

Bodies, Windows and Interiors

- B1) Cars must start and finish each stage with matching body, windows and interior.
- B2) Bodies must be fully detailed and painted hard plastic mouldings. Lexan and 3D printed bodies are not allowed.
- B3) Minor bodywork trims and details such as mirrors, spotlights and aerals may be omitted.
- B4) Interior must have driver and co-driver figures.
- B5) Interior may be a lightweight alternative. Replacement interiors must be painted.
- B6) Any factory fitted interior is legal.

Chassis, Drop Arms and Motor Pods

- C1) Must be made of moulded or 3D printed plastic. Metal, Lexan and carbon fibre are not allowed.
- C2) May be lightly trimmed to allow body rock.

Motors

- M1) Motors must be of Small Can, Short Can, Long Can, Flat Can, Thin Can or RX construction.
- M2) Motors must not be modified from manufacturer's specification.
- M3) Motors must be mounted in inline configuration.
- M4) Motors must not protrude below the chassis.

M5) Motors must not exhibit excessive magnatraction. Such motors will be identified by the 'cogging' effect felt when the drive wheels are turned.
e.g. Avant 20103, MB Dodo and BRM Super EVO.

Wheels and Tyres

- W1) Wheels and tyres must not protrude beyond body.
- W2) All wheels must have appropriate inserts fitted at the start of each stage.
- W3) All wheels must have tyres.
- W4) Tyres must be made of black rubber.
- W5) Tyres may be trued, glued and coated, but must be dry to the touch at the start of each stage

Spares

- S1) All other components, (e.g., braids, eyelets, guides, wires, pinions, crowns, axles, stoppers, screws, nuts, springs, weights, lights, lubricants, paints and decals) are free choice.

FORMATS, TIMING AND TROPHIES

- F1) Rallies will be held over multiple stages as supplied by the organiser.
- F2) Each stage will be tackled for a given number of laps as determined by the organiser.
- F3) The cumulative time needed to complete all stages will be a car's Total Time.
- F4) The maximum time a car can spend on a stage is 120 seconds.
- F5) The driver whose car has the lowest Total Time will be the winner.
- F6) Each class will have its own winner.

SLOT RALLY CLASSES

Classic class

- R1) Any car that first rallied before 1980.
 - R2) Maximum axle width 58mm.
- Example Classic class cars include:
Alfa Romeo: GTA, GTV, Giulietta. Austin: Healey, Mini. BMW: 2002. De Tomaso: Pantera.
Ferrari: 250. Fiat: 124, 131, Abarth.
Ford: Capri, Escort Mk1, Escort Mk2.
Jaguar: XK120. Lancia: Fulvia, Stratos.
Opel: GT. Porsche: 356, 550, 911, 914, 934.
Renault: 4, 8, Alpine A110, Alpine A310.
Seat: 1430. Talbot: Sunbeam Lotus. Triumph: TR7.

Eighties and Nineties class

- R3) Any car that first rallied between 1980 and 1999.
 - R4) Maximum axle width 60mm.
- Example Eighties and Nineties class cars include:
Audi: Quattro A1, A2, E2, S1. BMW: E30, M1, M3. Ford: RS200, Escort Cosworth, Sierra.
Lancia: 037, Delta, S4. MG: Metro 6R4.
Opel: Manta. Peugeot: 205, 206, 306.
Porsche: 959. Renault: 5, Clio Mk1, Megane Mk1. Seat: Cordoba, Ibiza.
Skoda: Octavia. Subaru: Impreza Mk1.
Toyota: Celica, Corolla.

Modern class

- R5) Any car that first rallied after 1999.
 - R6) Maximum axle width 62mm.
- Example Modern class cars include:
Citroen: C2, C4, DS3, Xsara.
Fiat: Punto. Ford: Fiesta, Focus, Puma.
Hyundai: Accent, i20. Mitsubishi: Lancer Evo.
Nissan: 350z. Peugeot: 207, 208, 307.
Porsche: 997. Renault: Clio Mk2 onwards, Megane Mk2 onwards. Skoda: Fabia.
Subaru: Impreza Mk2 onwards. Toyota: Yaris. VW: Polo.



WHO SLOT RALLY

- Venue: Worthing HO Racing, The Barn, English Martyrs Church Hall, Goring-by-Sea BN12 4UE
- Wednesday entry fees: £3 adults / £2 under-16s
- Slot Rally GB Saturday event requires registration
- Event report & results will appear on the WHO Racing club forum at SlotRacer Online.



STAFFS SLOT CARS UK CHAMPIONSHIP 2024

