

WORTHING HO
Racing

WHO SLOT RALLY 2027



**2027 DATES,
FORMAT & RULES**

WHO SLOT RALLY 2027

Our fourth year of WHO Slot Rally features four Wednesday evening club events, a Dakar Rally-Raid fun night and a full Slot Rally GB Championship Saturday...

- WHO Winter Stages: Wednesday 27 January
- WHO Spring Stages: Wednesday 28 April
- Slot Rally GB Worthing: Saturday 24 July (TBC)
- WHO Summer Stages: Wednesday 28 July
- WHO Dakar Rally-Raid Fun Night: Wednesday 25 August
- WHO Autumn Stages: Wednesday 27 October

New for 2027 is the WHO Slot Rally Championship, running to WHO RTR rules. Slot Rally GB cars are welcome to battle for the rally win, but don't score points. We continue to run three classes - Classic, 80s & 90s and Modern.

We also have a new Rally HQ system, where drivers can register their cars in advance and groups send times direct from the stages. It makes the whole process quicker and easier. Look out for a QR code to register the details of your cars.

Entry for our WHO Slot Rally club nights is the usual £3 adults / £2 under-16s per person. You can share cars and there will always be club cars and controllers on each stage.



HOW DOES SLOT RALLY WORK?

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

The Cars Cars must be rally models, with a driver and co-driver. Any traction magnets must be removed. Our WHO Slot Rally Championship is based on standard cars (no special racing versions) from well known manufacturers such as Scalextric, Fly and SCX. You can run up to three cars at club nights, with a maximum of two from each class: Classic Rally, 80s/90s Rally and Modern Rally. Club cars are available on each stage.

The Format You'll be allocated to a group of six or more racers at the start of the evening. Each group rotates round the stages, as you would a golf course, marking your card with the stage time of each of your cars. There's no practice, just straight into your timed run - a set number of 'laps' which will take about 40-60 seconds. If your car breaks down, a maximum time of 120 seconds will be recorded.

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 class. All eligible cars score championship points.

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.



WHO SLOT RALLY CHAMPIONSHIP 2027

The ethos of WHO Racing is to keep things accessible, fun and good value. That's why we've created a new WHO Slot Rally Championship for standard ready-to-run (RTR) cars from major manufacturers. Slot Rally GB cars can still be entered and compete for the rally win, but they don't score championship points - just like WRC cars that enter as guests at real-life national rally events.

Cars The championship will use the new standardised WHO 1:32 scale RTR rule set (see next page). This allows very minor modifications from stock: i.e. only tyres, braids, screws and washers may be replaced.

Championships There will be an overall WHO Slot Rally championship, plus points tables for each of the three classes. Only a driver's highest-placed WHO RTR car overall - and in each class - will score points towards the championship.

Sponsorship Gaugemaster in Ford are importers and distributors of numerous slot car brands and kindly supported the start of our slot rally journey with two club cars. They will sponsor the new championship with end-of-season prizes and branding for our stages.

Your Choice What cars you bring to WHO Slot Rally club nights is up to you. For those competing in the Slot Rally GB series, you might want to use the club events as competitive test sessions. Remember – whether Slot Rally GB or WHO RTR – you can enter up to three cars, with a maximum of two in any of the three classes. Drivers who are just starting out can use the club cars if they enter a single car or none. Club cars will now score championship points.



WHO SLOT RALLY RTR RULES

These are standardised regulations for Ready-to-Run (RTR) models from manufacturers permitted in our WHO Slot Rally Championship.

Permitted manufacturers include: Scalextric, Carrera, SCX, Fly (FlySlot, SlotWings) & Policar Home Racing. Please contact us if you have a car that you think should be in this category, but the manufacturer is not listed.

Cars running to current Slot Rally GB rules are welcome at WHO Slot Rally events, but are not eligible for class honours or championship points.

1. General

Cars must be 1:32 scale models of 1:1 cars suitable for the class being run. All parts must be commercially available. Cars may be driven by two or four wheel drive. No traction magnets allowed. Ballast may be added but must be firmly attached inside the car. It is expected that cars will be fully decorated inside and out with an appropriate livery... Because style matters!

2. Body

Bodies must be fully detailed and painted hard plastic mouldings, fitted with transparent windows and an interior. Minor bodywork trims and details such as mirrors, spotlights and aerials may be omitted. Bodies and window glass must be complete and unmodified. 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. Body to chassis mounting posts must not be lowered in any way. Tabs and braces may be removed to aid body float.

2a. Cockpit/interior

Original cockpit must be used and include full driver, roll bar and all detailing parts. The cockpit may be lightly trimmed for the benefit of fit and clearances. Rally cars must have driver and co-driver figures, with pace notes.

3. Chassis

The chassis must be the item originally intended for the body being used. 3D printed chassis are not permitted. Special edition racing chassis (e.g. Scalextric PCR, Fly Racing and EVO, SCX PRO, standard Policar) 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. Body mounting posts on the chassis may be shaved or lightly sanded to remove lips and aid body float.

4. Motors & Motor Mounting

Motors must be original to the model entered, but rated at no higher than 18k rpm. Motors must not be modified from manufacturer's specification. Motors must be mounted in either an inline or sidewinder configuration, as per the original model. Motors may be glued in place. Permitted lower-revving replacement motor for slim-can (FF-050) models is the 16k rpm Pendle PSR AC1.

5. Wheels & Tyres

Wheels must be plastic and original to the model entered. All wheels must have tyres. Tyres must be made of black rubber or urethane. Tyres may be glued, trued and coated, but must be dry to the touch at the start of each race. Tyre width should match the original and should not protrude from wheel arches.

6. Gears, axles and bearings

Axles, gears, pinions and bearings must be original to the manufacturer and model entered.

7. Guides

Apart from Carrera models, all cars must use the original guide, as supplied with the car, using original method of attaching braids. The guide blade and stem may be trimmed or sanded to aid clearances. Any screws, washers or springs may be used. For Carrera models, Carrera (black or red) or BRM S-126 alternative may be used and must be trimmed to a maximum depth of 7mm, maximum width of 1.5mm, maximum length of 25mm and notched at the front.

8. Braids

Any braids may be used. Braids must be cut so they do not protrude beyond the rear of the guide flag. Braids must be replaced if they become worn or frayed.

9. Lights & wiring

Lights may be required for some race formats so original headlights and tail-lights should remain, if fitted. Additional lights may be added. Original wiring may be re-soldered or replaced.

10. Dimensions & weight restrictions

Some classes operate with a maximum rear track.
Slot Rally Classic = 58mm.
Slot Rally 80s/90s = 60mm.
Slot Rally Modern = 62mm.
No WHO classes currently run with any weight restrictions.

DAKAR RALLY-RAID CLASSES & RULES

The Dakar Rally-Raid Fun Night is just that. Bring any Raid vehicles you might have - or use the club cars. We plan to introduce these Dakar classes & rules in 2028, based on the fabulous FOLM Dakar Dantan event.

The list opposite is a guide to most of the Rally-Raid vehicles produced over the past 30 years. Thanks to FOLM for the classes, rules and inspiration.

1. Dakar Rally-Raid Classes

- **C1 Classic** - Box stock cars: Ninco, SCX, Powerslot
- **C2** - Box stock cars: MSC/Scaleauto, Avant Slot and any bodies mounted on these chassis
- **C3 Ultimate** - Scratch-built car: free
- **C3 Eco** - Box stock cars: Mitoo and any bodies mounted on these chassis
- **C4** - Quads box stock: Avant Slot, Powerslot etc
- **C5** - Quads scratch-built: free
- **C6** - Trucks box stock: Avant Slot
- **C7** - Trucks scratch-built: free
- **C7 Eco** - Trucks box stock: Mitoo and any bodies mounted on these chassis

2. General

- Eligible models are 1:32 scale replicas of Raid vehicles that participated in an event such as the Dakar or any Raid event approved by the FIA or any original bodywork agreed by the organisers.

3. All categories

- Traction magnets are prohibited and must be removed, if present.

- Ballast is permitted, but must be located above the bottom plane of the chassis.
- Tyre choice is open, but must cover the entire rim.
- Guides and braids are free.
- Replacing the guide arm is considered a scratch-build modification.
- Length & width: free
- Height: Maximum 110mm for passing under bridges.
- Addition (or omission) of external accessories (e.g. mirrors, light bar, spare tyre etc.) are not considered scratch-build modifications.

4. Scratch-build classes

- No constraints on parts. Everything - including chassis, motor, shock absorbers, guide arm, wheels, axles, gears - is free.

5. Entries and format

- You may enter up to 3 vehicles, with a maximum of two per class.
- Club cars are available on each stage for drivers with no vehicles or who enter just one vehicle. Club car entries compete in a separate competition.
- Times for each stage are calculated by the time (in seconds) taken to complete a set number of laps.
- The event result for each vehicle is the sum total of its stage times (in seconds).
- If a vehicle fails to complete a stage (or takes longer than the maximum stage time) a stage time of 120 seconds is awarded.
- When not driving, every driver is expected to marshal for the other members of the group.

Make	Name	Class
	VW Touareg	C1 Classic
	Bowler Nemesis	C1 Classic
	Pro Truck	C1 Classic
	Hummer H2	C1 Classic
	Schlesser Buggy	C1 Classic
	BMW X5	C1 Classic
	Mitsubishi Pajero	C1 Classic
	VW Touareg	C1 Classic
	Mitsubishi Pajero	C1 Classic
	Hummer H3	C1 Classic
	Nissan Patrol TT	C1 Classic
	Peugeot 405 TT	C1 Classic
	Buggy TT	C1 Classic
	Pajero TT	C1 Classic
	Hummer H1	C1 Classic
	Quad Bike	C4
	HRX Ford	C2
	Mitsubishi Lancer	C2
	Kamaz Truck	C6
	Man Truck	C6
	Quad 450	C4
	Peugeot 205 T16	C2
	Peugeot 405 T16	C2
	Range Rover	C2
	Mini All4	C2
	Porsche 959 (Dakar)	C2
	Mini All4	C3 Eco
	Mitsubishi Lancer	C3 Eco
	VW Touareg	C3 Eco
	Man Truck	C7 Eco

SCALEXTRIC

SCX 

FLY

Chi POLI CAR *vince!*

WHO SLOT RALLY 2027

- 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.

