

CHELMSFORD MOTOR CLUB

Saturday 20th January 2024

Celebrating 10 events working together

BRANDS HATCH WINTER STAGES



Supplementary Regulations









Recognised Club





Sportity

We will be making extensive use of the Sportity App to ensure Competitors, Marshals and Officials have access to all the documents and Information they need.

Please ensure you download the App and login, you will then receive the latest Documents, Amendments and Information as soon as it is published, you will receive a notification when they are available.

This includes Results throughout the day as well as live online.



MGJ ENGINEERING LTD PROUD SPONSOR OF THE 10TH MGJ ENGINEERING BRANDS HATCH WINTER STAGES

Having been interested and competing in stage rallies since the late 1980s, the opportunity came to put something back into the sport by sponsoring the MGJ Engineering Brands Hatch Winter Stages and now the Circuit Rally Championship! We are very excited and grateful for the opportunity.

MGJ Engineering is a multi-disciplined engineering company able to support a wide variety of manufacturing industries. Our workshop in Witham, Essex provides a nationwide service across the UK. We are proud to say we have over 30 years' experience in fabrication of metals, precision engineering, tool making and over 20 years in off-site maintenance engineering.

Our engineering services range from general maintenance & fabrication all the way to custom precision-made items, with the ability to provide a solution to most engineering needs or issues.

Examples of our fabrication include: Machine parts and guard to PUWER standards, spas, walkways, platforms, stairs, work benches, security fencing, grills and access gates, change part boards & trolleys.

We undertake welding services both on and off site using several different types of portable welding plant. We weld in tig, mig and arc using materials such as mild steel, aluminium and stainless steel.

In recent years we have expanded our services and also offer design, installation, fixed wire testing, lighting design as well as installation and maintenance of electrical systems.

Accreditations & Training:

- ✓ BS EN ISO 9001:2015
- ✓ Safe Contractor
- ✓ Avetta Approved
- ✓ NIC EIC Electrical contract
- ✓ All our staff are regularly trained & updated

With our sustainability, growth and skills development plan for the years ahead, MGJ Engineering continues to work towards engineering a better, safer future for all.

If we can help, please contact us on 01245 400 161 or by email to sales@mgj-engineering.co.uk









HOMOLOGATION GUIDE & EXPIRY DATES:



HOMOLOGATION(S)	VALID AFTER 2023?	VALID AFTER 2023? motorsport uk
Sont IN 25 a conglishop will: FIA Standard 8860-2018 Who standard 8860-2018 Sont IN 25 a conglishop will have a standard are Sont IN 25 a conglishop will have	NO EXPIRY DATE	NO EXPIRY DATE
In compliance with: FIA Standard 8860-2010 Mary Labered Helicet Company Berkin EpyMort A P P R O VILID A P P R O VILID Seet IN: Seet IN: Seet IN: Seet IN: Seet IN: In compliance with: FIA Standard 8860-2010 Mary Labered Helicet Company Berkin EpyMort FIA Standard 8860-2010 Mary Labered Helicet Seet Seet IN: FIA Standard 8860-2010 Mary Labered Helicet Seet IN: FIA Standard 8860-2010 FIA Standard 8860-2010 Mary Labered Helicet Seet IN: FIA Standard 8860-2010 FIA Stan	NOT VALID AFTER 2028	NOT VALID AFTER 2028
FIA Standard 855-2013 Sortiu N° 23 COL Workload Standard Stand	NO EXPIRY DATE	NO EXPIRY DATE
The compliance with: PFA Standard 859-2015 (Menufactures Number	NO EXPIRY DATE	NO EXPIRY DATE
+ In compliance will FIA Standard 8560-2019 May destruct problem registers A FFROYER AND	NOT VALID AFTER 2028	NOT VALID AFTER 2028
Health or compatible with Frontal Head Newtonia department or specified with Frontal Head Newtonia departmen	NOT VALID AFTER 2023	NOT VALID AFTER 2023
SAH2010 CALL	NOT VALID AFTER 2023	NOT VALID AFTER 2023
SA2015 CAGL	NOT VALID AFTER 2023	NOT VALID AFTER 2026

Welcome to the 2024 MGJ Engineering Brands Hatch Winter Stages.

We are pleased to welcome back competitors, marshals, officials and spectators to Brands Hatch for the MGJ Engineering Brands Hatch Winter Stages, on Saturday 20th January 2024. This is the tenth time Mick Johnson of MGJ Engineering has sponsored the event, and we value and appreciate his ongoing support.

The 2024 event will offer up to eight stages with approximately 45 sealed surface stage miles, with a short length of unsealed surface per stage. It will run in a similar format to previous years, making the most of the circuit and paddock areas available.

The event has proved popular in recent years, and so we recommend early entry and payment. Please ensure you thoroughly read and understand the event regulations, including the information on ensuring your entry is fully complete when it is submitted. Please allow plenty of time to renew both your Motorsport UK licence and motor club membership so you have these in good time for the event.

If you have friends and family who can't make it to Brands Hatch, they can watch our free livestream of all stages on the Special Stage YouTube channel. We'll publish the links on our website and social media channels, or you can find it on Motorsport UK TV.

As our event runs near the start of the year, please also ensure you check dates on all lifed/serviced items such as seats, harnesses, fire extinguishers etc. As a reminder, Competition Car Log Books (CCLBs) first issued between 1st January 2005 and prior to 31st December 2008 will expire on 31st December 2023. Some helmet standards also expire at the end of 2023. Motorsport UK have introduced some new rules and regulations for 2024, and being so close to the start of the year, we recognise this is likely to be the first time many people have competed under them. Please take a little time to familiarize yourself with them, further information is available on the Motorsport UK website (and in the 2024 Year Book).

We will issue additional competitor bulletins prior to the event, which will contain important details and event process information. The MGJ Engineering Brands Hatch Winter Stages is a round of several championships and will offer scrutineering on both Friday evening and Saturday morning. Signing on will be completed electronically in advance so please make sure you do this in good time, with document collection available both Friday evening and Saturday morning.

An event such as this has many people involved, especially plenty of people "behind the scenes" who are not always seen. Thank you in advance to all the organising team, marshals, officials and our sponsor Mick Johnson of MGJ Engineering.

Chelmsford Motor Club is accredited to Motorsport UK's FIA accredited Environmental Management System (EMS) framework and has implemented sustainability practices on this and future events. We ask all competitors to bear this policy mind as they plan for and participate in the rally.

We look forward to seeing you at Brands Hatch in January. If you have any questions, please contact myself or one of the organising team who will be happy to help.

Suze Endean, Clerk of the Course

1	Announcement	Page 7
2	Jurisdiction	Page 7
3	Sponsor	Page 7
4	Authorisation	Page 7
5	Route & Seeding	Page 7
6	Competitor Eligibility	Page 8
7	Classes and Vehicle Eligibility	Page 8
8	Championships	Page 9
9	Event Timetable	Page 9
10	Acceptance of Entries	Page 10
11	Officials of the Meeting	Page 11
12	Scrutineering, Sound Test and On Board Video Cameras	Page 13
13	Documentation/Signing On	Page 14
14	Identification	Page 15
15	Official Notice Board & Rally HQ	Page 15
16	Specific Regulations for Brands Hatch	Page 15
17	Roadbook, Timecards & Rally Pack	Page 16
18	Driving Standards, Observers and Judges of Fact	Page 16
19	30 Second Starts and Red Flags	Page 17
20	Controls & Timing	Page 18
21	Servicing and Parc Fermé	Page 20
22	Refuelling and Tyres	Page 21
23	Damage Declaration and Damage to Third Party Property	Page 22
24	General Regulations	Page 23
25	Penalties	Page 23
26	Penalty Markers	Page 24
27	Results, Protests, Appeals and Reviews	Page 25
28	Awards	Page 26
29	Services	Page 26
30	Acknowledgments	Page 27
31	Environmental Policy	Page 27
32	Safeguarding	Page 27

1 Announcement

1.1 Chelmsford Motor Club will organise an Interclub Permit Multi-Use Special Stage Rally on Saturday 20th January 2024 at Brands Hatch Circuit, Fawkham, Kent. The event will be known as the "MGJ Engineering Brands Hatch Winter Stages."

2 Jurisdiction

2.1 Held under the General Regulations of Motorsport UK (incorporating the provisions of the International Sporting Code of the FIA), these Supplementary Regulations and any written instructions that the organising club may issue for the event. These Regulations have been prepared using the Motorsport UK 2023 Yearbook and any amendments as listed on the Motorsport UK Website. Should anything change in the Motorsport UK 2024 Yearbook, these will be notified in a Competitor Bulletin and will have the same force as these Supplementary Regulations.

3 Sponsor

3.1 The event is sponsored by MGJ Engineering.

4 Authorisation

4.1 Motorsport UK Permit Number:

133381

5 Route & Seeding

5.1 The event will take place at Brands Hatch Circuit (entrance via Map Ref. 188/569645, what3words ///GARAGE.STROKE.ACROSS) and will contain up to eight Stages with approximately 45 sealed surface stage miles (with a short length of unsealed surface per stage). The Stages will be timed to an accuracy of less than a minute in accordance with Motorsport UK GR R31.1.3. Competitors will start the rally at MTC1 according to the Start List which will be published on the Virtual Notice Board on the Sportity App. The first car will start the first stage at 09:00 and the remainder will follow at 30 second intervals. All Stages will start at 30 second intervals. If during the day it becomes apparent that a competitor's performance is greater or less than that which they are seeded, the Clerk of the Course may re-seed them on safety grounds.

6 Competitor Eligibility

6.1 The Event is open to all fully elected members of the organising club, invited championships (SR 8) and member clubs of the following Regional Associations, each of which Chelmsford Motor Club is a member:

Association of Eastern Motor Clubs
Association of Central Southern Motor Clubs
Association of South Eastern Motor Clubs
East Midlands Association of Motor Clubs

Competitors who are not members of a Club that is part of an invited association or registered with an invited championship will need to join Chelmsford Motor Club (£15 per calendar year) or an eligible motor club.

6.2 Competitors from outside the UK & Ireland holding a National Competition Licence issued by one of those countries may enter, subject to confirmation from their ASN that their licence is valid for stage rallies in the role in which they are competing (driver / co-driver) and inscribed with the words: "Authorisation to take part in National and International Competitions abroad in accordance with Articles 2.3.7 and 3.9.4 of the FIA ISC." The holder will be subject to Motorsport UK General Regulations whilst competing (GR H25.2.1).

7 Classes & Vehicle Eligibility

7.1 Cars will be split into the following Classes, in-line with the 2023-24 Circuit Rally Championship:

Class A	FIA Rally2, R5 and S2000 specification cars and any derivatives therefrom, plus World Rally cars with a sequential gearbox.
Class B	4-wheel drive cars over 2000cc or forced induction engines over 1500cc that are not eligible for Class A, including FIA Rally3 cars.
Class C	2-wheel drive cars with normally aspirated engines over 2000cc or forced induction engines over 1500cc plus all FIA RGT cars.
Class D	Cars with normally aspirated engines over 1600cc up to 2000cc or forced induction engines up to 1500cc plus all FIA Rally4 or R2 cars with forced induction.
Class E	Cars with normally aspirated engines over 1400cc up to 1600cc or forced induction engines up to 1000cc not included in Class D, plus all FIA Rally5 cars.
Class F	Cars with normally aspirated engines up to 1400cc plus Rally First Specification Cars, including Road Rally Cars meeting Motorsport UK Stage Rally Specification, of any capacity.

Historic Category stage rally cars will fit into the appropriate class / description listed above. There is no provision for Junior drivers to compete at this event, however an adult driver may enter a Junior 1000 specification car into one of the appropriate classes as above.

This event will not cater for hybrid electric nor full electric vehicles.

7.2 The event is open to all cars complying with GR R46, R47 & R48, which must have a valid Competition Car Log Book/Vehicle Passport issued by Motorsport UK or Motor Sport Ireland. Arrangements can be made for foreign participants to obtain a Vehicle Passport prior to scrutineering.

8 Championships

8.1 The event is a round of the following Championships:

2024 Rix Engineering AEMC/ASEMC Stage Rally Championship	
Championship Registration Number tba	
Secretary	Paul Barrett
	paulbarrett@chelmsfordmc.co.uk
Website	www.aemc.org.uk/StageRally

2024 ACSMC Tarmacadam Rally Championship	
Championship Registration Number tba	
Co-ordinator	Mark Baulch
	stagerally@acsmc.com
Website	www.acsmc.com

The 2023/24 MGJ Engineering Circuit Rally Championship	
Championship Registration Number CH2024/RALLY034 (D)	
Co-ordinator	John Dove
Championship Eligibility Scrutineer	Paul Hewer
Website www.circuitrally.co.uk	

9 Event Timetable

No	Date	Time	Details
9.1	15 th November 2023		Regulations published
9.2	20 th November 2023	20:00	Entries open at http://brandshatchstages.co.uk
9.3	4 th December 2023		Signing on opens at http://brandshatchstages.co.uk
9.4	6 th January 2024	20:00	Media Form Completion Closes.
9.5	13 th January 2024	20:00	Entries Close, On-Line Signing On Closes. Competitor Bulletin No 1 available on Virtual Notice Board (on Sportity).

No	Date	Time	Details
9.6	19 th January 2024	15:30 to 19:15	Scrutineering & Sound Test (Brands Hatch Circuit Scrutineering Bay)
		16:00 to 19:30	Competitor Reception/Documentation collection (office next to Scrutineering Bay)
9.7	20 th January 2024	06:30 to 08:00	Scrutineering & Sound Test (Brands Hatch Circuit Scrutineering Bay)
		06:30 to 08:00	Competitor Reception/Documentation collection (office next to Scrutineering Bay)
		08:00	Mandatory Competitor Briefing by Scrutineering Bay, followed by timecard collection (exchange the "credit card" provided in the documentation pack for your timecard)
		08:50	First Car due at MTC 1
		17:45	Last car at MTC 9

10 Acceptance of Entries

10.1 Although we will acknowledge all entries, they will not be accepted until all mandatory fields on the entry form are complete (mandatory fields will clearly be shown on the entry form). We do not recognise TBA, TBC, 0 or other such variants; this will not be classed as a completed entry. The maximum entry for the meeting is 100 plus reserves, the minimum is 70. Should the minimum figure not be reached, the organisers reserve the right to cancel the meeting. The first 85 fully completed and paid entries will be accepted on a first come first served basis, with a further 15 fully completed and paid entries accepted at the organisers' discretion. Entries accepted at the organisers' discretion will be confirmed within two weeks of entries opening.

NB: The initial list of accepted entries will not be published until the first payments have been processed which will take up to 72 hours.

The event programme will go to press before the entry list closes, this means that initial seeding will be done on Sunday 7th January. Any entries received after this date will be seeded at 'best effort.' Competitors will start the rally at MTC1 according to the Start List which will be published on the Virtual Notice Board on the Sportity App. To be included in the programme, you will be required to complete a Media/Commentator sheet by 6th January 2024.

10.2 Any person under the age of 18 signing-on as specified in GR D13.1 (where the Parent is not present) must be accompanied by a Guardian who must produce authorisation from the Parent to act as Guardian (GR D13.1.1).

10.3 Changes of Entry

An accepted entry is linked to the driver. Once an entry is accepted, the driver cannot be changed without withdrawing and resubmitting the entry. If more than one change of co-driver's name or the car for an accepted entry is made, then the entry will be reclassified as an incomplete entry and may be entered into the reserve list, with the original entry being replaced by the first available reserve, subject to 100 entries already having been accepted.

- 10.4 The entry fee is £355. Entries must be made on the On-Line Entry Form at http://brandshatchstages.co.uk. You must pay by Electronic Bank Transfer within 72 hours of entering the event (details given on the Entry Form when you fill in the on-line entry).
- 10.5 Entry fees will be refunded as below:

Up to and including 13/01/2024 - Full refund provided written or email confirmation of such is received by the Entries Secretary before the closing date.

14/01/2024 - 20/01/2024 - Motorsport UK Fees & Insurance only refunded, unless replaced by a reserve.

Competitors who fail to start and who do not inform the organisers will forfeit the whole entry fee.

10.6 Competitor Bulletins will be posted on the Virtual Notice Board only.

11 Officials of the Event

Title	Name	Details
Clerk of the Course	Suze Endean (National)	coc@brandshatchstages.co.uk
Deputy Clerk of the Course	Dave Town (National)	
Deputy Clerk of the Course & Spectator Safety Officer	Mark Andrews (Deputy)	
Socretary of the Moeting	Cary Nichalla	(m) 07895 040441
Secretary of the Meeting	Gary Nicholls	secretary@brandshatchstages.co.uk
Radio Controller & Deputy Clerk of the Course	Ken Paterson	
Event Safety Officer	Dave Judd	
Entrice Cooretony	Dave Thempson	(m) 07800 731354
Entries Secretary	Dave Thompson	entries@brandshatchstages.co.uk
Assistant Entries	Amy Conboy	
Secretaries	Zack Thompson	

Title	Name	Details
Safeguarding Officers	Matt Endean Alison Bisping	safeguarding@chelmsfordmc.co.uk
Chief Marshal	Luis Gutierrez Diaz	(m) 07847 600598 marshal@brandshatchstages.co.uk
Assistant Chief Marshal	Lucy Fryer	
Motorsport UK Timekeeper	Gary Nicholls (National)	
Timekeeping Assistant	Chris Musselle	
Results	MCS Rally results	
	Cam Rescue 1 (Zoe Webber	·)
Rescue & Recovery Services	Cam Rescue 2 (Charley Web	ober)
Rescue & Recovery Services	Cam Recovery 1 (Paul Hull)	
	Cam Recovery 2 (Ben & Karen Scott)	
Motorsport UK Steward	Clive Grounds	
Club Stewards	Alan Barnard Richard Nel	
Chief Medical Officer and Paramedic	Tony Morgan	
Paramedic	Murray Stephens	
Motorsport UK Chief Scrutineer	Howard Downes	(m) 07799 076234
Motorsport UK Scrutineers	John Gray, Jeff Oates & Neil Hodgkin	
Motorsport UK Environmental Scrutineer (Sound)	Mike Hall	
Motorsport UK Assistant Environmental Scrutineers	John Taylor	
(Sound)	Olivia Cherry-Chapman	
Environmental Scrutineer (Fuel)	Stuart Kingham	
Media Officer	Andrew Bisping	(m) 07804 833737
	, and the bispins	media@chelmsfordmc.co.uk
Service Area Co-ordinator & Service Area Safety Officer	Alastair Brown	
Equipment Officer	Jim Bowie	
Competitor Liaison Officers	Tom & Karen Ward	

COMPETITORS SHOULD ONLY PHONE OFFICIALS BETWEEN 19:00 AND 21:30

12 Scrutineering, Sound Test and On-Board Video Cameras

12.1 All vehicles must comply with Motorsport UK Technical Regulations. Cars need not be taxed but they must be presented at scrutineering with the vehicle's Registration Document. A current MOT Certificate must be presented for all cars that are required by law to have one. At pre-event Scrutineering cars will be examined for compliance with tyre and vehicle safety regulations as well as class eligibility.

Competitors should study the 2024 Motorsport UK Yearbook and ensure they understand the technical regulations, including that lifed and serviced equipment (such as seats, harnesses and fire extinguishers) are in date for this event. Tyres used must comply with Motorsport UK GR L of the 2024 Motorsport UK Yearbook.

Brake lights must always work. There will be checks during the event both on and off stage. Penalty will be as per Motorsport UK GR R Chart 32.2 (k).

As part of the entry process, you must confirm whether you will be scrutineering on Friday 19th or Saturday 20th January 2024. This can be completed via the online entry form.

12.2 Reminders

Motorsport UK GR R25.3.1. All crew members must wear a crash helmet bearing a Motorsport UK approval sticker (Motorsport UK GR K.10.1 to K.10.3.1) and a fully fastened safety belt throughout any Special Stage.

Motorsport UK GR R25.3.2. The crew must also wear flame resistant overalls homologated to FIA 8856-2000, FIA 8856-2018 or FIA 1986 Standard, and balaclavas to FIA 8856-2000 or FIA 8856-2018 Standard. Competitors are also strongly advised to wear Flame Resistant gloves, socks, and underwear. Plastic shoes (such as trainers) should be avoided. Attention is drawn to (K.9.1.5 to K.9.3).

Motorsport UK GR R25.3.3. The crew must also wear FIA approved FHR Devices, fitted in accordance with Motorsport UK GR K10.4 and 10.4.1.

Motorsport UK GR R25.3.4. Competitors are strongly recommended to carry a First Aid Kit.

Motorsport UK GR R46.1.5. All vehicles must carry a small spill kit complying with J.5.20.13.

GR R48.10.9. Competing cars must carry an Emergency Red Warning Triangle (ECE 27) and an SOS/OK Board (R25.4).

12.3 Sound Test

All cars will be required to pass a pre-event Sound Test as per Motorsport UK GR R4.1 and Motorsport UK GR J5.18.1 (100 dB(A) at 0.5 metres), and one or more

- subsequent Sound Test(s) during the course of the rally. Anti-Lag systems are permitted.
- 12.4 On-Board Video Cameras may be carried in competing cars in accordance with GR J5.21. Images may be required to be given to the organisers, Motorsport UK or the Police should an investigation into an incident be required.

13 Documentation/Signing On

13.1 There will be no physical Competitor Signing-On at the event, Signing-On must be fully completed electronically prior to the event using the event On-Line Signing-on Declaration which will open on 4th December 2023 at http://brandshatchstages.co.uk

Competitors must upload a copy of their 2024 Competition Licence and valid Motor Club membership card as part of the Signing-On process. Competitors must bring their 2024 Motorsport UK Competition Licence as well as a current, valid Motor Club membership card (as per 6.1), spot checks will be carried out.

SIGNING ON CLOSES AT 20:00 ON THE 13th JANUARY 2024, WE WILL MAKE TWO ATTEMPTS TO CONTACT YOU IF SIGNING ON IS NOT COMPLETE BY THIS TIME. AFTER THIS YOUR PLACE MAY BE OFFERED TO A RESERVE COMPETITOR.

Competitors are reminded of Motorsport UK's requirements for Entrants Licences as laid down on the Licence Application form. All licences must be signed. Any person who fails to produce a valid licence when requested will be required to see the Motorsport UK Steward and complete a licence declaration before they are allowed to start and pay a fee as detailed in the current Motorsport UK Yearbook. We cannot accept licence application forms at the event.

14 Identification

- 14.1 Competitors must make available to the organisers of the Event specific areas of the vehicle in accordance with GR H28.1.1 for numbered plates to be affixed to bonnet, rear window, and front doors.
- 14.2 Competitors may be obliged to carry further advertisements.
- 14.3 All previous Rally/Door Plates from previous events must be removed or covered.
- 14.4 If the vehicle has Crew Names displayed anywhere these must be correct and relate to the Driver/Co-driver in the car for this Event.

15 Official Notice Board and Rally HQ

15.1 For queries the Competitor Liaison Officer should be contacted, they will be available during the event (primarily based at the Kentagon) and any additional contact methods will be detailed in a Competitor Bulletin. The Official Notice Board will be Virtual and on the Sportity App. Provisional and Final Results will be displayed on the Official Notice Board. You should make sure you have the means to access this before and during the event.

16 Specific Regulations for Brands Hatch

PLEASE DO NOT ARRIVE BEFORE 14:00 ON FRIDAY 19TH JANUARY.

The following regulations are part of our contract with Brands Hatch/Motorsport **Vision:**

- 16.1 Out of Bounds Areas will be shown in a Competitor Bulletin. Anyone who is found in an Out Of Bounds Area will be disqualified from the event and removed from the venue SR 25.6 (v).
- 16.2 All areas of the Rally Stage are out of bounds to competing crews and their associates for the duration of Friday 19th and on Saturday 20th January 2024. The circuit is out of bounds from 09:00 on Friday 20th until 09:00 on Saturday 20th, apart from access to and from Scrutineering, Sound Test and documentation collection.
 - Any persons found in an out of bounds area on foot, vehicle, bicycle, etc. will have their entry cancelled and their entry fee will be forfeited.
- 16.3 Animals any person bringing Animals into Brands Hatch will be disqualified from the event and removed from the venue SR 25.6 (v).
- 16.4 Any person found using any Quad Bike, Moped, Segway, Motorcycle, E-Scooter, Bicycles etc in the Service Area will be disqualified from the event and removed from the venue, SR 25.6 (v).
- 16.5 Entry to MSV Brands Hatch Motor Racing Circuit:
 - Each Entry will be supplied with 6 Tickets (1 Driver, 1 Co-driver, 4 Service Personnel) and 2 Vehicle Passes which will be sent electronically from the MSV Ticket System.
 - Please note all Vehicles will be checked on arrival and Personnel must be in possession of the MSV Entry Ticket before entry into the Service Area can be permitted.

16.6 Damage to Venue

Motorsport Vision are very sensitive to any damage caused to their venue. If you have a puncture you must stop and change it. Any damage caused and/or costs

incurred will be the responsibility of the competitor. Chelmsford Motor Club and Motorsport Vision will seek full reimbursement. Penalty as per SR25.10(z).

17 Roadbook, Timecards & Rally Pack

17.1 Entrants will be provided with a document pack including a Roadbook, giving details of Special Stages and the location of all Controls, in the form of Stage Diagrams. These documents will provide all the information necessary to enable competitors to comply with Motorsport UK GR R26.1. There will be a "credit card" in the pack which is to be exchanged for your timecard.

Your Rally Pack can be picked up from Documentation, see SR 9 for details. Your timecard can be collected after the mandatory competitors briefing on Saturday 20th January, at the office next to the Scrutineering Bay (exchange the "credit card" provided in the documentation pack for your timecard).

18 Driving Standards, Observers and Judges of Fact

ALL JUDGES OF FACT WILL BE NOTIFIED IN A COMPETITOR BULLETIN.

- 18.1 The Chief Scrutineer appointed for the event is a Judge of Fact in respect of Vehicle Eligibility.
- 18.2 All start officials on all special stages are appointed Judge of Fact for false starts.
- 18.3 The Organisers will appoint Driving Standards Observers in accordance with Motorsport UK GR G11 and Motorsport UK GR R24.8, R24.9.1.
- 18.4 Sound Control: The Organisers will appoint Judges of Fact and /or Driving Standards Observers, one of whom will be the Motorsport UK Environmental Inspector, to report on sound levels. The penalty for excessive sound may go as far as disqualification.
- 18.5 Judges Of Fact for the entire event will be named in a Competitor Bulletin which will be issued before the event, detailing the names of the Judge of Fact and the facts which they are judging including the following regulations: Motorsport UK GR R24.7.1, R24.7.2 (includes taking the correct route at a split junction), R24.7.3, R24.7.4, R24.7.5, R24.7.6, R24.7.7, R24.7.8, R24.7.9 and R24.7.10, SR 16.7 and SR 21.3.
- 18.6 Driver behaviour on the Stages, including Splits and Merges.

There have been many reported cases to Motorsport UK of vehicles hitting each other. Any contact between competing vehicles will result in a 10-minute time penalty. SR.25 (y).

R29.4.2 At the point of merge, Competitors furthest into the stage will have priority and all Competitors must merge in such a way that does not constitute a danger or hinder other drivers. Penalty as per SR 25.12.

- 18.7 Delays on Multi Use Special Stage events are often caused by Competitors destroying Chicanes and other Stage Furniture, such as cones. Chicanes and other equipment are there for a reason, please respect them. Failure to do so will incur penalties. See SR 26 for further details, penalties as per SR25.5 (u) and SR25.13.
- 18.8 Drivers' behaviour on Road Sections.

All competitors must follow the Speed Limits on Link Roads, they must drive in a sensible manner as there are many other vehicle movements and also spectators.

Failure to comply with this rule will incur a penalty. Motorsport UK R.32.2.(l)

18.9 Crew behaviour on stages

All parts of crew members' bodies must always remain within the competing vehicle whilst on a Special Stage. Failure to do so will incur penalties at the discretion of the Clerk of the Course.

19 30 Second Starts and Red Flags

19.1 30 Second Starts, Split Junctions

Since competitors will start all Special Stages at 30 second intervals and each Stage may consist of more than one lap, there will be several cars circulating at one time. There will be a split junction and a merge on each Stage. Countdown markers will be positioned at 200 and 100 yards before these. Competitors should ensure they know which route to take each lap. A Judge of Fact will be placed on each of these junctions; any crew who overshoots and reverses, traverses the Special Stage in the opposite direction to rally traffic (Motorsport UK GR R25.6.2) or having passed the split location as detailed in the road book (including passing any split boards), changes route by crossing or driving through the equipment defining the split, will be disqualified as per SR25.14.

19.2 Red Flags

Motorsport UK GR R24.4.5. On any special stage where extreme circumstances make it necessary to neutralise the competition e.g., where spectator safety is compromised, or to authorise the movement of non-competing or rescue vehicles, the system of Red Flags will be in place. These will be located at mid stage rescue points, all locations where a rescue/emergency vehicle may re-enter the stage following a shortcut and at each mandatory Radio Point (GR R29.5). Red Flags will be displayed at all mandatory Radio Points preceding the incident, only on the specific instruction of the Clerk of the Course, their Deputy or Stage Commander.

Red Flag Procedure.

Motorsport UK GR R25.6.4. On passing a Red Flag displayed by a marshal wearing a marshal's tabard, the driver MUST immediately and significantly reduce speed as well as being prepared to stop at any time; at no time must they overtake any safety vehicle they encounter on the special stage route. The driver must then follow the instructions of any marshals and/or stage safety personnel and maintain this reduced speed until leaving the special stage.

Failure to comply with this rule will result in Disqualification following a Judicial Hearing pursuant to Section C and reported to the ASN.

20 Controls & Timing

20.1 All controls will open at the due time for Car 1 and close 5 minutes after the due time of the last car. Special Stages will be timed by digital clocks operated by Marshals under the control of the Chief Timekeeper. Such timing will be to the last completed second Motorsport UK GR R31.1.3. Should any of the clocks fail, the organisers reserve the right to use any other available means for timing. Crews must present themselves with their cars at all controls and it is their responsibility to ensure all entries on their time cards are correctly recorded and handed in when and where required. Should any entry not be legible or appear authentic, the organisers reserve the right to use any means at their disposal to establish a valid entry.

20.2 Control Procedure

Competitors should book into the Main Time Control (MTC (OUT)) at the exit from the Service Area at the time marked on Time Card 1. There is a short Road Section to the Arrival Control preceding the first stage which has a generous time allowance so there is no need to rush, there are some narrow one-way sections on the route which will be marshalled. At the Stop Line the Stage Finish Time in Minutes is the start of the next Road Section to the RC Control where the Official will collect the Time Card and issue a fresh Time Card for the next Stage. The due time at the next MTC (OUT) will be recorded on this Time Card. The Final Control of the Rally is a MTC which is deemed an MTC (IN).

20.3 Main Time Controls (MTC OUT) - Rejoin Point Motorsport UK GR R40.1.6 & Motorsport UK GR R40.1.7

All Special Stages will be preceded by an MTC designated an MTC (OUT) control and a Special Stage Arrival Control. Two cars will be due at the MTC (OUT) per minute.

20.4 Stage Arrival Control (SSA)

Each Stage will be preceded by a Special Stage Arrival Control (SSA). Two cars should be due each minute. At this Time Control a marshal enters a competitor's time of arrival and the provisional starting time for a Special Stage which must be a minimum of three minutes. The area between the Special Stage Arrival Control and the Stage Start is Parc Fermé.

As per GR R30.2.3: Competitors must not leave the Special Stage Arrival Control unless ready to start a Special Stage.

20.5 Special Stages (SS)

Competitors will start all Stages at 30 second intervals. A Bogey Time will be set at 75 MPH. and a Stage Maximum Time set at approximately 30 MPH.

20.6 All Competitors will receive penalties and accumulate lateness as follows:

Item	Description	Penalty	
i)	Bogey Time or under	Bogey Time	
ii)	Over Bogey, but under Stage Maximum	Actual Time Taken	
iii)	Over Stage Maximum	Stage Maximum	
No extra t	No extra time penalty will apply for exceeding Maximum Time on a Special Stage.		

20.7 Special Stage Start Control (SSS)

Once a time has been given at the SSA, a crew must proceed to the SSS where a start time will be given in hours, minutes and seconds. The Start Marshal will assume that the crew is ready to start the Stage and will issue a time as soon as the start line is clear, whether the crew is ready to start or not. The stage start will be operated by traffic lights linked directly to Digital Clocks with automatic jump start detection by a beam.

20.8 The Traffic Light Start Sequence is as below; no verbal warnings will be given and the competitor should leave the start on the Green light.

Item	Description
15 Seconds	Red Light
10 Seconds	Red & 5 Amber Lights
5 Seconds	Red Light is extinguished and the 5 Amber Lights Count down 5-4-3-2-1
0 Seconds	Green Light

20.9 Special Stage Finish Control (SSF)

The Flying Finish will have a light beam which is linked to the Digital Clock at the Stop Line. At the SSF a crew will be given their finish time in hours, minutes, and seconds. Any crew who fails to stop at the Special Stage Finish Control must not, under pain of disqualification, reverse to the stop line but must return on foot. The time given at this Control in Hours and Minutes will be the Start Time for the Road Section to the next RC (In) Control.

20.10 Regrouping Controls (RC)

At the SSF Control at the end of Stage 1 to 7, competitors will return to the service area as stated in the Roadbook for the next Service Halt via a RC control which is designated an MTC (IN) Control.

20.11 Main Time Control (MTC (IN))

At the end of the event after Stage 8 SSF there will be an MTC (IN) Control which will be the finish of the event.

21 Servicing & Parc Fermé

21.1 Servicing

The Service Area will be at Brands Hatch Circuit. Servicing is defined as work being carried out on the competing car by any person other than the competing crew, or the use of any parts or tools not carried in the competing car. Servicing will only be permitted in the Service Area, see Motorsport UK GR R38 & R39. Trailers must be parked in the designated Trailer Park. All other parts of the circuit will be out-of-bounds to service vehicles except the access road to and from the service area. Service Personnel will not be permitted to go to the assistance of competitors who break down on a Special Stage. Cars which are stranded out on the stage may have to remain there until the end of the event, the organisers will endeavour to move cars which are in a dangerous position but do not guarantee to provide assistance in returning them to the Service Area, although every effort will be made to clear broken down vehicles in between Special Stages.

If you have a large vehicle which you use to service, you will be asked to provide details as part of the online entry process in-case the event needs to allocate you space in advance. Otherwise, service areas will be on a first come first served basis.

21.2 Parc Fermé

In the area between the MTC (Out) and the SSS designated as "Parc Fermé", the only work permitted in these areas is the following (unassisted): Cleaning lamp glasses, windscreens, windows, identification markings and vehicle registration

numbers.

21.3 All Servicing must be carried out with the competing vehicle on a groundsheet. The use of metal cutting, grinding or welding equipment in any service area at any time is prohibited. A one-way system will be in operation within the Service Area. Penalty as SR 25.11.

22 Refuelling and Tyres

- 22.1 Competitors are only permitted to use fuel that conforms to the definition of Pump Fuel in the 2024 Motorsport UK Yearbook. Additives are NOT permitted unless specified in the Motorsport UK definition of Pump Fuel.
- 22.2 You must only refuel on your way to a stage and not when returning from a stage. This is for safety reasons. Penalty as SR 25.6 (v)
- 22.3 The only refuelling option is for self-refuel as per SR 22.4.
- 22.4 Self-refuelling must only take place in the designated re-fuel area, penalty as SR 25.6 (v). Competitors using the self-refuel area must deposit their Approved Fuel canisters in the self-refuel area between 07.30 and 08:30 on Saturday 20th January. Canisters will be tagged and logged by the Official in Charge. Competitors are reminded it is their responsibility to ensure the self-refuel area contains sufficient fuel for their days sport. In the event of early retirement, you must have the consent of the Official in charge to collect your canisters and you must follow their instructions in doing so. Competitors must collect their fuel cans and all associated equipment from the self-refuel zone within 30 minutes of the last car finishing the last stage of the event.
- 22.5 Ideally re-fuelling should be by hand pumping, rather than from hand-held containers. If fuel is dispensed from hand-held containers a suitable spout for pouring must be used. Open pouring from hand-held containers with or without the use of a funnel is not permitted.
 - The vehicle must be unoccupied e.g., driver, co-driver, service crew, etc, must be outside the vehicle when re-fuelling commences, and the engine switched off. This applies to all competitors who are self-refuelling. Penalty as SR 25.6 (v).
- 22.6 The approved quantity of tyres is 12 tyres, this is the maximum number of the tyres the event is permitted to allow by Motorsport UK.
 - In line with GR R48.5.11, in the event of an extreme weather event (defined as: Temperatures over 28c for a 24-hour period), the Clerk of the Course may request the Motorsport UK Steward to suspend the tyre allowance on the grounds of safety.
 - Where there is significantly heavy rainfall the Clerk of the Course may issue a

Bulletin declaring a 'wet' event, the use of wet tyres will be permitted outside of the specified allowance on the grounds of safety.

23 Damage Declaration & Damage to Third Party Property

23.1 Damage Declaration

Competitors who retire, or at the conclusion of the event, shall sign a declaration to the effect that they have not been involved in any incident that may have caused damage to persons or property, or alternatively give details of such incidents. This will be an On-Line Form which must be completed within 72 hours of the finish of the event. Failure to complete this declaration may be penalised by a fine of up to £100.

Failure to comply will be penalised under Motorsport UK GR R40.1.3 & R40.1.4 & Motorsport UK GR Chart 32.2(p) and the competitors may be reported to the Motorsport UK for further action.

23.2 Damage to Third Party Property

The Motorsport UK Insurance Policy does not cover Circuit Damage.

Competitors causing damage to any third-party property will be liable for the full reinstatement cost of any damage caused. Where the damage is covered by the Motorsport UK insurance policy, the competitor will be liable for the insurance excess that Chelmsford Motor Club has to pay Motorsport UK, currently £500.

23.3 Any Competitor coming into contact with any Timing Equipment will be penalised as per 25.8 (x).

24 General Regulations

- 24.1 All other General Regulations of Motorsport UK apply as written except for the following which are modified.
- 24.2 Motorsport UK GR H28.1.1. Competitors will be required to carry advertising material supplied by the Organisers on behalf of their sponsors.
- 24.3 Motorsport UK GR R5.4.3 Only the first named driver on the entry form may drive the vehicle.
- 24.4 Motorsport UK GR R31.2.5 Maximum Permitted Lateness is amended to 5 Minutes. Competitors may miss a maximum of two stages if eight are run, as per Motorsport UK GR R40.1, but will be penalised as per Motorsport UK GR R32.2 (a) (ii). To be classified as a finisher Competitors must visit the last MTC under their own power. Competitors may only join at Rejoin Points, these will be MTC 2-8 (OUT) Controls. You must obtain permission from the Clerk of the Course and have your vehicle

- scrutineered. Competitors must visit MTC 1 to start the event.
- 24.5 Motorsport UK GR R46.1.5 Spill Kits must be carried in competing car (See SR 12.2).

25 Penalties

25.1 Penalties will apply as per Motorsport UK GR R Chart 32.2 and any amendments that Motorsport UK may make, except for the following which are modified or added:

Number	Details	Penalty
25.2 (h)	For each minute over target time on a road section or for each minute over target time in a Service Area	10 Seconds
25.3 (o)	Breach of Motorsport UK GR R38.1.2-4 & SR 21.1	Disqualified from the event.
25.4 (p)	Modified to include breach of SR24.5 (Spill Kits)	Disqualified from the event.
25.5 (u)	Striking a Penalty Marker or Group of Penalty Markers (See SR.26.1).	10 Seconds per Incident
25.6 (v)	Contravention of SR16.1, SR16.3, SR16.4, SR22.2, SR22.4 and SR22.5	Disqualified from event and removal from the venue.
25.7 (w)	Coming into contact with another competitor's vehicle.	10 Minutes per Incident
25.8 (x)	Any Competitor coming into contact with any Timing Equipment	Stage Maximum and responsible for any repair costs that may be incurred (SR 23.3).
25.9 (y)	Breach of Regulation SR 18.6	10 Minutes per Incident
25.10 (z)	Driving on a puncture, failing to stop and change wheel.	10 Minutes per incident and responsible for any repair costs that may be incurred (SR 16.6).
25.11	Failing to adhere to SR 21.2 and SR 21.3 (including the one-way system in service area)	First offence; 1 min penalty.
		Second offence; 5 min penalty.
		Third offence; disqualification.
25.12	Failing to adhere to R29.4.2 At the point of merge, Competitors furthest into the stage will have priority and all Competitors must merge in such a way that does not constitute a danger or hinder other drivers.	10 Minutes per Incident
25.13	Hitting a Chicane (See SR.26.2).	5 Minutes per Incident
25.14	Any competitor who changes route by crossing or driving through the equipment defining the split (see SR 19.1).	Disqualified from the event

26 Penalty Markers and Chicanes

- 26.1 In order to restrict average speeds for the Special Stages, various man-made barriers may be set up. These will be detailed in the Road Book and may include markers on verges (such as cones or melba logs) to stop cutting, some of which are placed at the request of the venue to protect the venue. These markers and barriers will be defined as Penalty Markers. A Penalty of 10 seconds will be applied to any car hitting a Penalty Marker; a Judge of Fact will determine this penalty. The decision of the Judge of Fact relating to hitting a Penalty Marker may not be subject to protest or appeal. All persons appointed a Judge of Fact are experienced motorsport volunteers and marshals. A Penalty of 10 seconds will be applied to any car hitting a Penalty Marker or Group of Penalty Markers (SR25.5(u)).
- 26.2 In order to restrict average speeds for the Special Stages, chicanes may be set up. These will be detailed in the Road Book and will normally be barriers made of tyre stacks. A Penalty of 5 minutes will be applied to any car hitting a Chicane which moves the barriers forming the chicane from their original position; a Judge of Fact will determine this penalty. The decision of the Judge of Fact relating to hitting a Penalty Marker may not be subject to protest or appeal. All persons appointed a Judge of Fact are experienced motorsport volunteers and marshals. A Penalty of 5 minutes will be applied to any car hitting Penalty Markers (SR25.13).
 - All persons appointed a Judge of Fact are experienced motorsport volunteers and marshals. A Penalty of 5 minutes will be applied (SR25.13).
- 26.3 Competitors who drive through a group of Penalty Markers or a Chicane without making a reasonable attempt to follow the correct route will be penalised with the Stage Maximum Time as per Motorsport UK GR R Chart 32.2(c).

27 Results, Protests, Appeals and Reviews

- 27.1 Interim results will be published at intervals during the event online and on the Sportity App.
- 27.2 Ties will be resolved on the basis of fastest on the first, or subsequent earliest stage, and then on the basis of engine capacity as detailed on the entry list.
- 27.3 In the event of unforeseen circumstances the organisers reserve the right to delete any stage or road section from the final results. Nominal times may be issued in accordance with Motorsport UK GR R24.5.
- 27.4 Motorsport UK GR R 40.1. To be classified as a finisher, a Competitor must report to all controls listed in the Road Book except as provided for in 32.2 (a) where two-thirds of the stage must have been completed (six stages completed if eight stages run) and report to the final MTC within the maximum lateness specified,

with the car in which they started and under their own power.

- 27.5 If a Competitor fails to complete a Stage or misses a Stage, they may rejoin the event at a Rejoin Point. For this event a Rejoin Point is a Main Time Control (MTC (OUT)) Motorsport UK GR R40.1.7 Competitors will restart in Seeded Order.
- 27.6 Provisional results will be published at the finish as soon as possible after the last car has finished. Protests and appeals must be made in accordance with GRs C5 & C6 and any additional Motorsport UK requirements relevant at the time. These results become final when any protest or appeal time has expired and all official enquiries by the Clerk of the Course, all technical matters, and all outstanding protests or appeals have been settled.
- 27.7 Protest and Appeal Fees are to be paid direct to Motorsport UK within 48 hours of the Event and any fines are to be paid within 7 days of the Event direct to Motorsport UK. Please call Motorsport UK 01753 765000 within these timescales to make your payments. There will be no provision at the Event to make these payments.
- 27.8 Should additional evidence that was not available at the time of the protest or appeal be discovered then a Review Body may be convened in accordance with GR C14 & 15.

28 Awards

28.1 Awards will be presented as follows:

A) 1st Overall 2 Awards.

B) 2nd Overall 2 Awards.

C) 3rd Overall 2 Awards.

D) 1st in each Class 2 Awards.

E) 2nd in each Class 2 Awards.

F) 3rd in each Class 2 Awards.

Awards will be a pair of mounted photos per crew, taken by the official Event Photographer which will be sent to the Co-driver for each crew after the event.

The First 3 Overall Cars will be required for a Photoshoot & Finish Ceremony after the last stage.

29 Services

29.1 Catering Will be available at the Circuit via MSV Outlets and The Kentagon.

29.2 Photographs Andrew Manston is the Official Photographer for the event.

Call Andrew Manston on 01795 479224 or email mandh_photography@live.co.uk

29.3 Tyre Suppliers Protyre will be in attendance for the event, please

contact them beforehand for any special requirements.

PROTYRE MOTORSPORT 01782 411001

shaun.chetwyn@protyre.co.uk

Slicks Tyres will be in attendance for the event, please contact

Andrew Knott beforehand for any special requirements.

SLICKS TYRES - 07966 621468 - andrewjohnknott@hotmail.com

30 Acknowledgments

We thank the following people and companies for their continued support for the event.

Mick Johnson of MGJ Engineering

Motorsport Vision

Motorsport UK

All Safety & Rescue Crews

All Marshals and Officials

Tony Michael at MTC1.UK for the Entries System

31 Environmental Policy

Chelmsford Motor Club is certified to Motorsport UK's FIA accredited Environmental Management System (EMS) framework and has implemented sustainability practices on this and future events. We ask all Competitors to bear this policy mind as they plan for and participate in the Rally. More details can be found on the Club's website - chelmsfordmc.co.uk

32 Safeguarding

Chelmsford Motor Club's Policy Statement on Safeguarding is published on the club's website. Safeguarding is everybody's responsibility. All competitors, volunteers and attendees at the event have a responsibility to respond positively in response to any concerns, suspicion or disclosure that may suggest a person is at risk of harm. All suspicions and allegations of inappropriate behaviour will be taken seriously and responded to swiftly and appropriately. If you have any concerns about safeguarding while at this event please contact the Event Safeguarding Officer or a Club Safeguarding Officer or report it to an official named in the Supplementary Regulations who will instruct an Event or Club Safeguarding Officer to contact you urgently. Further information can also be found at https://www.motorsportuk.org/the-sport/safeguarding/



Encouraging a positive environment, on and off the track

A socially-minded standard of behaviour is expected from everyone within the motorsport community.

By participating in a Motorsport UK event, in any capacity, you are agreeing to follow the values of the governing body's Respect Code:

- RESPECT
- INTEGRITY
- FAIR PLAY
- SELF-CONTROL
- GOOD MANNERS





I pledge to #RaceWithRespect and:

- Contribute to a welcoming and friendly environment that ensures the safety and welfare of all participants
- Always behave with integrity and uphold fairness in the sport; play your part in keeping the sport safe through your actions
- Treat everyone with respect, regardless of their gender, ethnic or social background, language, religious or other beliefs, disability, sexual identity or other status
- Recognise that we all represent the sport and therefore have a duty to be polite and respectful to all staff, officials, fellow competitors, volunteers, as well as fans and supporters
- Respect the rules, regulations and authority of the officials and Motorsport UK

I understand that breaching these obligations may result in disciplinary action.





MOTORSPORT COMPUTER SERVICES

SPORTS TIMING SERVICE

RALLY & SPRINT RESULTS SYSTEMS

EVENT MANAGEMENT | SPORTS TIMING SERVICE RESULTS SERVICE | EVENT PRINT MANAGEMENT EVENT PAPERWORK | EVENT SIGN MANAGEMENT ROUTE CO-ORDINATION | ROAD-BOOKS

84 Totnes Walk, Chelmsford, Essex CM1 6LU [h] 01245 351468 | [m] 07895 040441 Email: garyjnicholls@gmail.com

Chelmsford Motor Club

Road Rally, Targa's, Navigation
Regularity Events
Results Service and Rally On Line Entry Systems



For further details contact Tony Michael:

Email: arm@chelmsfordmc.co.uk

Phone: 01245 466994 (H) or 01621 875522 (W)

Chelmsford Motor Club

Stage Rally & Sprint Timing Hire













Contact Gary Nicholls
84 Totnes Walk, Chelmsford, Essex CM1 6LU
[h] 01245 351468 | [m] 07895 040441
Email: garyjnicholls@gmail.com





PLANT & AGRICULTURAL AUCTIONEERS

CONSIGN TO AUCTION OR REGISTER TO BID TODAY





0% INTEREST FINANCE ON YOUR SMILE MAKEOVER

COMPOSITE BONDING * PORCELAIN VENEERS * INVISALIGN * TEETH WHITENING





Manufacturers & Distributors of Performance Lubricants

PROUD TO SUPPORT











BRAKE FLUIDS











Witham Motorsport has an impressive track record for customer service and technical lubricant know how and are able to provide a range of high quality, racing and all automotive engine oils, brake fluids, gear oils, coolants, as well as useful engine care and cleaning solutions. With outstanding support for race teams, drivers and car clubs, on and off the track, please contact us to find out more.



01353 723373



enquiries@withammotorsport.co.uk

withammotorsport.co.uk





















A passion for innovation and technology for over 20 years has positioned Exposure Lights as the leading global brand for demanding sports lighting.



ST8 9,000 lumens 450 grams 225mm X 43mm x 40mm 9,000 Lumens 450 grams Ø100mm X 65mm

6,600 Lumens 250 grams Ø65mm X 55mm RR4 4,400 Lumens 160 grams Ø55mm X 50mm

3,300 Lumens 110 grams Ø46mm X 47mm

Technologies

ITM: Patented Circuitry and firmware within the light will control power to the LEDs, if they go beyond the optimum temperature, keeping the light efficient and maximise output.

Reflex: The light uses a gyroscope and 3D accelerometer to detect motion, if the light is stationary for more than 30 seconds the light can be set to dim down to reduce heat generation to give it the ability to boost to full brightness the instant movement is detected.

Program Options: The light has various programs that can easily be selected to suit particular demands and applications.

Specifications

- IP69K
- Hard anodised in Gun Metal Grey
- CNC machined 6063 Aluminium

- 2 year Warranty
- UK Made
- All lights can be linked for multiples into one wiring loom.