



# Club Rules - Indoor

## 1. General

- As a BRCA affiliated club, the BRCA General Rules take priority over any club rules listed below. Please ensure you are aware of the BRCA General Rules in your copy of the BRCA Handbook, or online: <https://www.brca.org/sections/brca-articles/brca-general-rules>
- No offensive language or behaviour, i.e. no swearing, shouting at fellow racers, etc. Treat others as you wish to be treated yourselves.
- If you must smoke, please do so outside and away from any entry/exit doors – this includes vaping/e-cigarettes - ensure the door is closed.
- There are no rubbish bins at the venue for use by any racer – please take your rubbish home.
- All children under the age of 16 must always be accompanied and managed by a parent/guardian whilst at the venue - Unless by prior agreement of the committee.
- There is ample room for parking, but please do not obstruct others. There are two handicap parking spots available to those who need it.
- RC racing is a non-contact sport – do not hit other cars intentionally.
- At all times during a race meeting only current BRCA members may enter the track and do so at their own risk.
- Please use the stairs to come up and down the stage for racing - Jumping down will not only move the carpet, but is also a part of the lease requirements to avoid.
- Model car racing can be dangerous, especially when marshalling. The club will not be held responsible for any injuries incurred or sustained whilst at a meeting.

We are fortunate that our venue hosts provide a small “tuck shop” on site. Please ensure you pay, as shortfalls in the takings directly affect the club finances.

## 2. Pits

- Please ensure that any spillage of any fluid is cleaned up immediately.
- Pit only on the “hard” floor area - ensuring access is maintained to facilities.
- Whilst soldering all fluxes and solder must be handled carefully to keep the floor clean.
- As per the BRCA General Rules all lithium-based batteries must be charged within a ‘LiPo sack’, to a maximum of 4.20V per cell. Anyone found charging lithium-based batteries without a ‘LiPo sack’, or above the maximum allowed voltage, will be asked to leave the venue.
- The club has sand filled fire buckets available within the pitting area for use with lithium-based battery fires only.
- If you are using a 40Mhz/27Mhz transmitter, please only power up your transmitter if you are sure nobody is on the same frequency as you.
- Ensure any trailing cables are covered to prevent trip hazards.
- Please do not set up your pit area until the track itself has been laid out - The committee advises “back to back” for tables to maximise the pitting area.



### 3. Track

- The club uses a Vostok timing system, which is fully AMB/MRT compatible and can provide hand-out transponders on request - these are strictly limited to first come, first served as the club has a limited stock.
- Under no circumstances should cars be driven the wrong way around the track.
- As we are now a “non” permanent venue, everyone who is able to, is expected to help with track setup and put away. If you’re unsure of where something goes in the storage room, please ask.
- If you damage the track/track markings or see any track damage, please let the race director know as soon as possible so that the damage can be repaired.

### 4. Practice

- Do not start practising until any track build requirements are fully completed.
- Practice is open to all cars and abilities at the same time – please be aware that there may be faster/slower cars on the track at the same time as you.
- Practice is not actively marshalled. If you need to marshal your own car, please only enter the track when it is safe to do so.

### 5. Racing

- Qualifying will be based on FTD. We will always aim to run at least 3 rounds of Qualifying and 1 Final for all classes - Time Dependent.
- As we run FTD during qualifying you are racing against the clock. Please let faster cars through during all qualifying and final races.
- Do not shout at marshalls. If you need to communicate to a marshal, please do so respectfully – it is not their fault that you require marshalling.
- Should you crash at a fast part of the track, like the main straight, call out to the other drivers on the rostrum to make them aware so they can take avoiding action. Once you are running again you can then call “clear” to let everyone know it is safe to proceed at race speed.
- As soon as your number is called as having finished, pull over at a safe point and wait for the call that the race is over. Be aware that other cars behind you may still be racing so stay off the racing line please!
- During qualifying and finals please stay on the rostrum until the race is over.

### 6. Marshalling

- All marshals must be current BRCA members and **must be aged 10 years or older**.
- Marshals must wear a Hi Vis vest/bib when marshaling. These can be your own, or borrowed from the club stocks.
- After your race, cars should be placed onto the table near the stage - then straight out to marshal.
- If a racer cannot marshal for any reason, they must find a substitute replacement marshal and inform the race controller. Failure to marshal a heat will result in you losing your FTD time for qualifying.



- Failure to marshal a final will result in you losing your time for that final/points for any championship the race may count towards.
- When marshalling, marshal the track in front of you, position yourself to provide the best marshalling coverage of the track and do not congregate in one location or chat to others.
- If a crashed car is spinning its wheels as you approach, do not attempt to pick it up, and do not pick it up by its wheels. Wait for the driver to stop spinning the wheels.
- When retrieving a car, be aware of the other cars on the track, always check for oncoming cars before crossing the track.
- Should a car need repairing, do not try to repair it on the track, please remove it to the side.
- When returning a car to the track make sure it is facing in the correct direction & at the same point it left. Do not put a car down in front of another car that is travelling at racing speeds.
- Try to recover cars that require marshalling in the order they crashed.
- Marshal for others as you would like to be marshalled yourself.

## Class Rules

### 7. General

The following class rules define the primary classes run by the club and must be adhered to for a racer to count toward any club championship.

- No drift tyres under any circumstances.
- No protruding chassis screws as they damage the carpet.
- Please ensure that the additive is wiped off BEFORE going onto the track. There is usually a spot to do this away from the main racing line.
- All classes must use a suitable front foam bumper where applicable.
- Reverse is not permitted for any class

#### 7.1. Blinky Touring Car

Chassis	Any 1:10 <sup>th</sup> touring car chassis.
Motor	Motors to be no lower than 17.5t. (if under this wind, cars will be entered into “other”)
ESC	Any brushless (Blinky mode) ESC.
Batteries	Maximum 2S LiPo (hardcased), or 6 cell NiMh/NiCd drive batteries.
Tyres	Slick rubber (no foams), any inserts.
Bodyshell	Maximum width 190mm.
Minimum weight	1320g.
Minimum ride height	5mm.

#### 7.2. Iconic Touring Car

Chassis	TT01, TL01, TT01E, TT02, TA02
Motor	21t Core or equivalent
ESC	Any suitable brushed esc.



Batteries	Maximum 2S LiPo (hardcased), or 6 cell NiMh/NiCd drive batteries.
Tyres	Rubber only
Bodyshell	Scale (no aero jelly moulds)
Gearing	61t spur, 22t pinion
Differentials	Unlocked (F&R)
Minimum weight	1350g
Minimum ride height	5mm.
Upgrades	Advised - Ballraces, Shocks, Alloy Hexes, Alloy Prop, Turnbuckles.  All others at discretion of committee

### 7.3. 2wd M-Chassis

Chassis	Any 2WD M-Chassis.
Motor	21.5T brushless or any <b>sealed can</b> brushed motor up to 20T.
ESC	Any brushless (Blinky mode) ESC, or brushed ESC (brushed ESC maximum RRP £60 – HW1060 recommended).
Batteries	Maximum 2S LiPo (hardcased), or 6 cell NiMh/NiCd drive batteries.
Tyres	Open rubber (no foams), any inserts.
Bodyshell	Open.
Minimum weight	1200g.
Minimum ride height	5mm.

### 7.4.F1 & GT / Group C

Chassis	Any F1 or Tamiya Group C / GT 2wd Chassis
Motor	27t Motors or higher
ESC	Any brushed ESC
Batteries	Maximum 2S LiPo (hardcased), or 6 cell NiMh/NiCd drive batteries.
Tyres	Open Foam tyres
Bodyshell	Scale
Minimum weight	Open
Minimum ride height	4mm

### 7.5. Frontie

Chassis	Any 1:10 <sup>th</sup> FWD touring car chassis.
Motor	BRCA Spec 17.5t Fixed timing - 4.5FDR
ESC	BRCA Spec Hobbywing Justock - 17,500 RPM.



Batteries	Maximum 2S LiPo (hardcased), or 6 cell NiMh/NiCd drive batteries.
Tyres	BRCA RIDE Cut slicks
Bodyshell	Frontie specific.
Minimum weight	1250g
Minimum ride height	5mm.

### 7.6. GT12/LMP

Chassis	Any 1:12 <sup>th</sup> GT12/LMP chassis.
Motor	Any 13.5T BRCA approved brushless motor.
ESC	Any brushless (Blinky mode) ESC.
Batteries	1s Lipos
Tyres	Open.
Bodyshell	Open.
Minimum weight	GT12 950g/LMP 730g.
Minimum ride height	3mm.

### 7.7. 12th Mini Brushless / Brushed

Chassis	Any suitable Mardave/Kamtec/Battcave/Etc
Motor	Sealed can 20/21t OR Brushless 25.5t
ESC	Any recommended esc (£80 max rrp)
Batteries	4 cell NiMh/NiCd drive batteries OR 2s Lipo
Tyres	Open foam.
Bodyshell	Open
Minimum weight	Open
Minimum ride height	3mm

changelog

- V7.0 - Added rules proposed and agreed via club agm
- V7.1 - Refined Iconic Tamiya Touring rules; refined Formula One rules
- V7.2 - Amended parking and marshalling; refined Formula One motor rules
- V7.3 - Removed Rally X and Buggy to streamline rules as Indoor
- V7.4 - Amended for Forest Oak Farm venue
- V7.4.1 - Mini Rules Amended
- V7.4.2 - F1 rules amended