

# Tamiya M-Chassis

March 2026 v2



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It is intended that this class be a lower-cost, fun class to attract new racers. For this reason, the use of any custom chassis that differs from the standard M-Class chassis spec is NOT allowed.

Only commercially available Tamiya & Non-Tamiya optional parts (hop-ups) and upgrades intended for the M-chassis may be used.

Ball Differentials may be fitted, but locked differentials are specifically banned.

**THIS IS A TAMIYA M-CHASSIS SERIES AND CHASSIS FROM OTHER MANUFACTURERS ARE NOT PERMITTED UNDER MEDWAY RC RULES.**

## Brushless Motor

Any 13.5 turn brushless, fixed timing, sensored motor. Motors must be readily available.

### Recommended

Hobbywing XERUN Justock 3650SD G2.1 Motor 13.5T FTM  
Surpass Rocket Supersonic 13.5 Stock spec FTM

### Brushless ESC

The following are recommended:

XR10 JUST STOCK Zero Timing (HW3011200)  
XR10 JUST STOCK G3 (HW30112003)  
XR10 JUST STOCK G3s (HW30112005)  
Surpass Supersonic ESC

Other ESCs need to be submitted to the club for review; they must meet the following criteria:

- Can be run in Blinky mode only
- £75 max limit

The following brushless motor and ESC combos previously allowed at SRCC & WKRCC may be used:

- HobbyWing EZRun Series 13T/3650-M Combo.
- HobbyWing EZRUN-Combo-MAX10-3652SL-3300KV.
- HobbyWing MAX10 G2 80A ESC 3652SD / 3300kv BLK G3 Motor Combo

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## Brushed Motors

Any commercially available sealed can motor with no less than 20 turns. Must be Mabuchi style, sealed motors with enclosed end bells that do not permit changes to brushes, springs or timing.

The motors must remain un-tampered. Cleaning of the motor with cleaning fluids, cotton buds and fibre comm sticks is allowed. Running in/comm drops and lubricants are permitted.

Any commercially available brushed speed controller with a list price of less than £60.

## Gearing

- Maximum Pinion size is 22T for compatible chassis.
- Maximum Pinion size for M-08 is 24T due to gearing.

## Batteries

Any commercially available hard-cased 2S Lipo charged to a maximum of 8.40v. Chassis modifications to the battery hole are not permitted.

## Body

Any production Saloon or Coupe bodyshell may be used. GT / MTC shells are not allowed.

## Wheels & Tyres

Any commercially available standard Tamiya M type tyres, or other treaded/slick tyres of similar size and construction, or MTC foam tyres of suitable type. Smaller diameter tyres are also allowed.

- A maximum wheel diameter of 42mm.
- Double inserts must not be used.
- Odourless water-based additives are permitted, but nothing containing wintergreen.
- Mini pin or block-type tyres shall not be used.

## Ground Clearance & Weight Limit

All cars must maintain a ground clearance of 5mm; no screw or fitting should protrude below the bottom of the chassis.

Cars must weigh a minimum of 1250 grams, ready to race, including battery, personal transponder and bodyshell.