



MR4/MR8 SERIES

4-POLE COMPETITION MOTOR

PRECAUTIONS

1. For most updated spec and info, please visit Maclan Racing web site.
2. Make sure all three motor leads are properly attached with good solder joints. Wires properly aligned with speed control A-A, B-B, C-C.
3. Sensor cable needs to be attached to both motor and speed control.
4. Only run motor in vehicle, not free spinning.
5. Monitor temperature during runs to maintain proper performance. Temperatures should not exceed 170 degrees Fahrenheit.
6. Only use compressed air to clean motor, do not spray with liquid.
7. Motor is not considered water proof.

FEATURES

- The latest hall sensor technology that precisely deliver all RPM and TORQUE to you
- Highest grade material and top craftsmanship provide maximum performance and durability
- CNC 6061 T6 full aluminum structure
- Completely rebuildable design allows easy maintenance

BATTERY CHOICE

Your MR4/MR8 motor is an extremely high performance product. You must use high discharge rate battery packs for best results. We recommend to use at least 50C high quality Li-Po battery pack to ensure the optimum performance.

SERVICE & SUPPORT

1. All requests for warranty service require the original proof of purchase showing the item, date, price, and dealer info. Warranty is not transferable.
2. For warranty service, please visit <http://hadma.com> and follow the service instructions for the quickest turnaround time. Or call us at 1-866-2068558.

PRODUCT WARRANTY

Your Maclan Racing MR4/MR8 Series sensored motor is guaranteed to be free from defects in materials and workmanship for a period of 120 days. Your **original receipt** showing the item, the date and place of purchase is required with your warranty service application. Any motor that is found to have been mishandled, abused or used incorrectly, including use in an application other than that for which the motor is intended, will not be covered under the warranty. Maclan Racing has no control over the use of the motor with other electronic devices such as speed controls and batteries. Maclan Racing is not liable for any loss or damage, whether direct or indirect, incidental, or consequential, or any situation from the use, misuse or abuse of the product. Your MR4/MR8 series sensored motor is not a toy. This product is not intended for use by a child under age of 14 without adult supervision. The MR4/MR8 motor generates a lot of power that could result physical injuries. By setting up, connecting or operating the product, the user accepts all related liabilities. **Once the MR4/MR8 Series motor has been properly installed and operated it certifies material and workmanship from factory.**

Typical conditions that are considered mishandled and not covered by the factory warranty:

- Physical/mechanical damage due to external impact or improper installation.
- Incorrect application setting (including run time, gear ratio, boost power timing, etc.)
- Overheating that causes wire de-soldering or internal damage.
- Damage by water, dirt or impact.
- Wrong battery sized used (**MR4-2s only, MR8-4s only**).
- Lack of maintenance that accumulates dirt and moisture to cause product malfunction.

Maclan
WWW.MACLAN-RACING.COM
MR4/MR8 user manual v01