Yokomo MMS Owners Manual



Thank you for purchasing the Yokomo MMS Motor Tuner. The MMS features many functions to provide a quick and easy way to gauge motor performance.

Please read the instructions in the owner's manual carefully.

Specifications

- ★ Compact folding display (protects screen during transport)
- ★ Back-lit LCD screen (2 row display) displays various motor data in an easy-toread format. Display also visible in dark areas.
- \bigstar Adjustable motor output from 0.00 \sim 8.00V. Motor break-ins can be performed at preferred voltage.
- ★ Motor Condition Meter (bar graph display) indicates motor condition.
- \star RPM sensor included. Capable of measuring 100 \sim 99,900 revolutions.

Application	:	Designed for R/C electric motors, the MMS measures motor performance, checks motor condition, and performs motor break-in.
Power source	:	DC12V only (12V \sim 13V) 14A and above recommended.
Compatible motor	rs :	7-Turn and above (10.00A minimum)
Motor ouput	:	$0.00 \sim 8.00 V$ (Adjustable)
Display	:	Back-lit LCD display (Displays voltage, current draw, rpm and condition)
Case size	:	$158 \times 97 \times 37$ mm (Excludes external parts)
Weight	:	425g (Including cables)
Additional part	s:	RPM Sensor and motor cables

Parts Descriptions





Before operating

The display/switch panel (*1) has a clear protective film to prevent scratches during shipment. Please remove before operating.

Operating Instructions







YOKOMO (CIERRAND)

2.82A 085

2.52H 087

Bad

Good

3.000

YOKOMO (

3.00U

7.01U

8 Checking motor condition

6 Securing the motor

motor tightly.

7

displayed.

stop spinning.

get extremely hot.

The Condition Graph indicates the condition of the motor.

will cut power to the motor and the motor will

A rapidly fluctuating bar graph indicates a motor in bad condition. If the graph is stable and shows little movement, the motor is in good condition.

9 Measuring RPM

Position the RPM Sensor about 5mm away from the Motor Plug. The RPM will be displayed on the screen. Multiply the displayed RPM number by 100 to obtain the actual RPM.

* If the RPM is not displayed on the screen, slightly change the position of the sensor to get a better reading from the plug.

