MR. BASIC

Manual: Model TR-3

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PRODUCT DESCRIPTION
Thanks for your selection of our Mr. Basic, which provides you for a reliable expand platform and he is a good partner of DO-IT-YOURSELF.

PRODUCT FEATURES
1. With aluminum alloy chassis, strong and durable.
2. With two motor260s and one 4.5V voltage independent driver, strong and powerful.
3. With rational structure, easy to expand.
4. Independent parts packaging give you an absolute pleasure of DIY.
Do it now, realize your dream, we are looking forward your masterpiece.

⚠️ Warning:
- No return is possible after having opened the bags with components and pieces.
- Prior to the assembly read the manual thoroughly.
- Be careful when using tools.
- Keep this kit away from young children during construction and operation. (They might get hurt by the tools or swallow small components).
- Observe the correct polarity of the battery.
- Keep the battery dry. When the Mr. Basic gets wet or not used for a long time remove the battery and let the Mr. Basic dry for some times.

Necessary Tools:
Before you start assembling we suggest you first read the manual thoroughly. Please follow the assembling instructions exactly to avoid problems. If you work accurately and follow the instructions in this manual exactly you will immediately install a complete Mr. Basic.

Before you start you must prepare the tools as follow:

- Hexagon instrument
- Flatnose plier
- Cross crew driver
- V dry battery
List of components:

1. Motor gear (T10, H1e 1.9) 2pcs
2. Double-pinion (T30+10, H1e 2.4) 2pcs
3. Motor gear (T10, H1e 2.4) +axis (D1.5, L1.24) 2pcs
4. Single-pinion (T36, H1e 2.4) +axis (D1.5, L1.32) 2pcs
5. Axis joint device 2pcs
6. Kimi screw 4pcs
7. Front axle (D1.34, Both End 10, Thread M3) 2pcs
8. Rear axle (D1.34, One end 10, Thread M3) + crown gear (T20, H1e 2.9) 2pcs
9. Motor260 2pcs
10. Motor260 holder 1pc
11. Chassis 1pc
12. Decelerated pinion chassis 2pcs
13. Big wheel 4pcs
14. Large rubber wheel 4pcs
15. Rear axle shaft fixer 1pc
16. Rear axle shaft fixer 2pc
17. Bumper board 1pc
18. Battery holder 1pc
19. Nut M3 31pcs
20. Nylon nut 6pcs
21. Motor self-tapping screw (M2.3*6) 4pcs
22. Copper tube (outer 4, inner 3, L6) 2pcs
23. Copper tube (outer 4, inner 3, L8) 4pcs
24. Copper tube (outer 4, inner 3, L30) 4pcs
25. PCB 1pc
Instructions mechanical assembly:

STEP 1: Fix the bumper board

STEP 2: Assembly of decelerated pinion chassis (Please assemble in number order)

STEP 3-4: Install and fix the decelerated pinion chassis

STEP 5: Install the rear axis fixing I

STEP 6: Install the axis joint device (Please assemble in number order)
STEP 7: Install the rear axis fixing2 and rear axle shaft

STEP 8: Fix the big wheel

STEP 9: Install the big rubber wheel

STEP 10: Fix the motor
(Please assemble in number order)

STEP 11: Install the motor

STEP 12: Fix the battery holder
### Trouble shooting:

<table>
<thead>
<tr>
<th>Problems</th>
<th>Solutions</th>
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<tbody>
<tr>
<td>The motors do not spin after switched on</td>
<td>• Check the circuit: Is it turn-off or short?</td>
</tr>
<tr>
<td></td>
<td>• Check all components, see if they are assembled correctly and partial spinning parts are chocked.</td>
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<tr>
<td></td>
<td>• Check the gears. (Please settle it immediately, this trouble may overheat the motor and battery, then lead to danger.)</td>
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<tr>
<td>Noisily after starting</td>
<td>• Check all screws and nuts: Are they tight fixed?</td>
</tr>
<tr>
<td></td>
<td>• Check the gears.</td>
</tr>
<tr>
<td></td>
<td>• Check the wire and other components, Do they touch the spinning parts?</td>
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