

# RaceMaster Kart Control System



## 01

---

### RaceMaster.Remote Control

- 1 Remote Control Button Description
- 2 Remote Control Function Introduction and Operation Instructions
  - 2.1 Kart Control
  - 2.2 Kart Configuration
  - 2.3 Remote Configuration
  - 2.4 Remote Pairing
  - 2.5 Language Settings
  - 2.6 System Information
  - 2.7 Device Control

## 02

---

### RaceMaster.Transponder

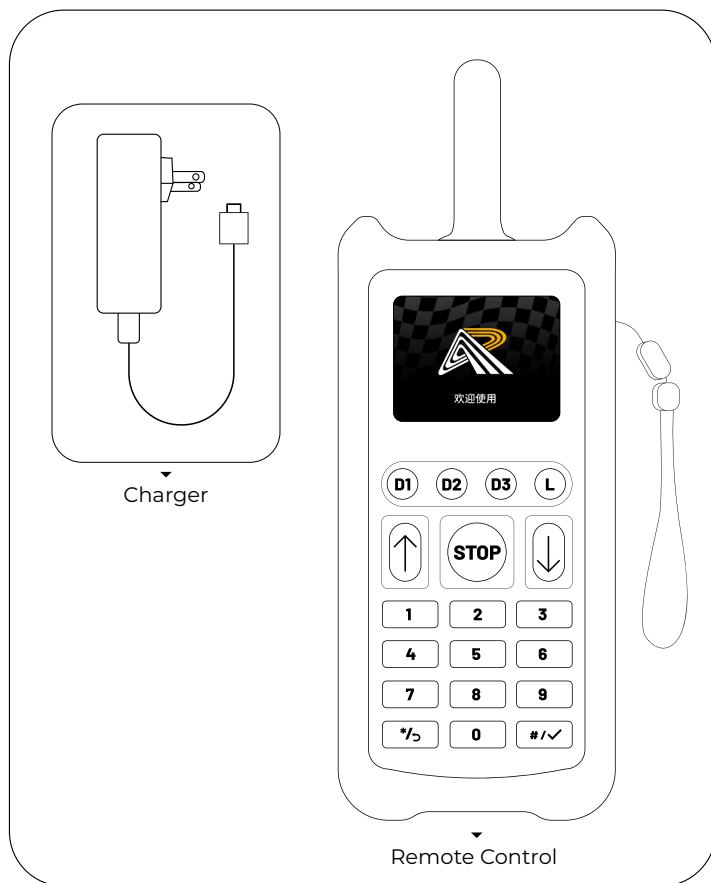
## 03

---

### Equipment

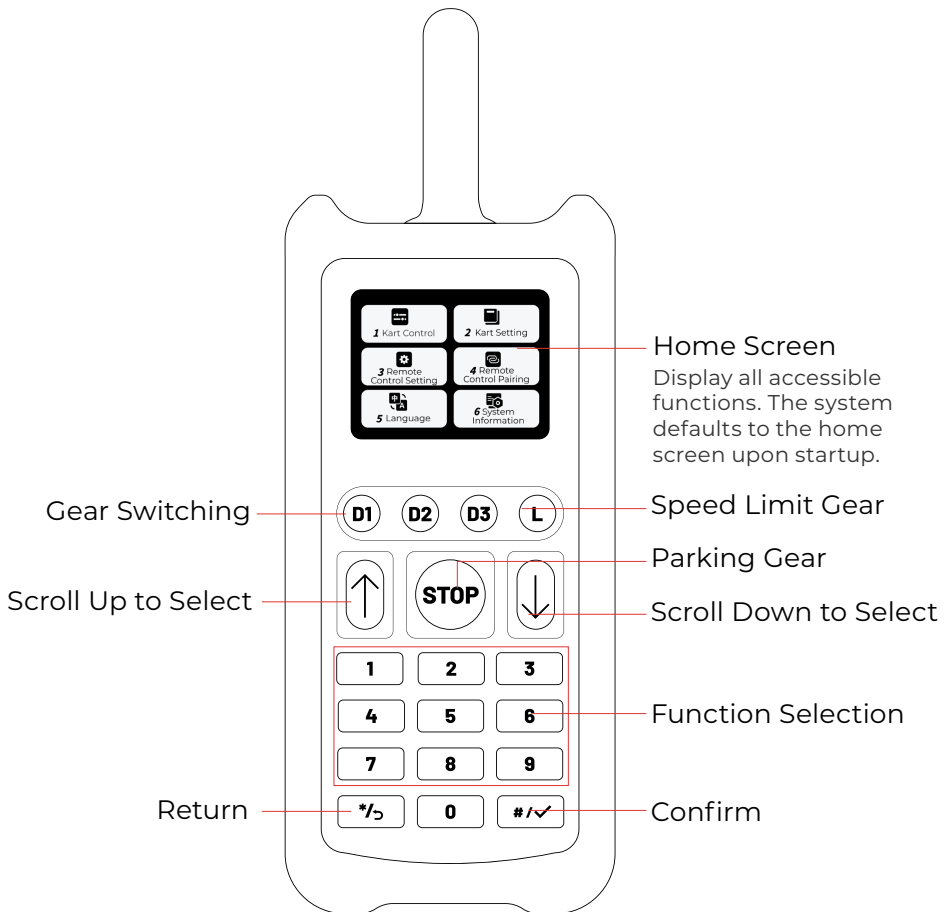
- 1 Flag Light
- 2 Start Light (Electronic Version Only)

\*Note: This manual provides detailed instructions for the RaceMaster Remote Control system.



RaceMaster.Remote Control

# 1 Remote Control Button Description



## 2 Remote Control Function Introduction and Operation Instructions

### 2.1 Kart Control

- Press the number key "1" to enter.

#### Function Description

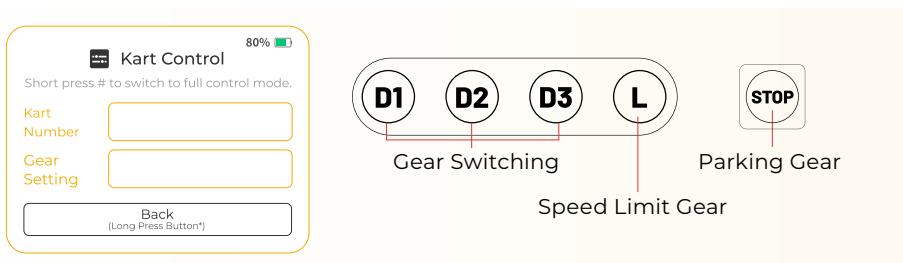
There are two function options: single kart control and full track control.

#### 01 Single Kart Control

First, input the kart number to be controlled. Then, press the corresponding gear button (D1, D2, D3, L, STOP) to switch gears.

#### 02 Full Track Control

Press "#" briefly to switch to full track control mode. In this mode, pressing the gear buttons (D1, D2, D3, L, STOP) to control all vehicles uniformly.



Clear Kart Number: Press "\*" briefly to quickly clear the entered kart number.

Exit: Press and hold the "\*" key to return to the home screen.

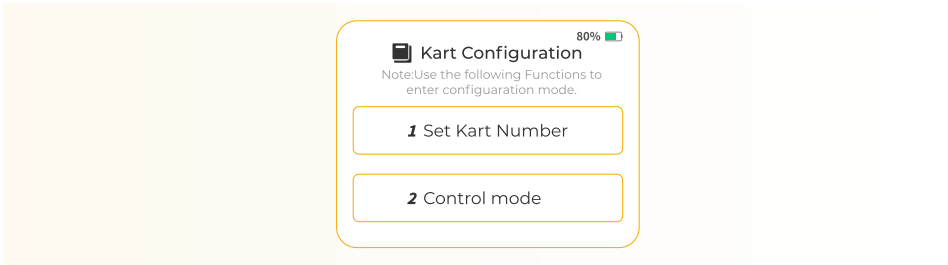
### 2.2 Kart Configuration

(Access this function by entering configuration mode - long press the transmitter button for 5 seconds)

- Press the number key "2" to enter.

#### Function Description

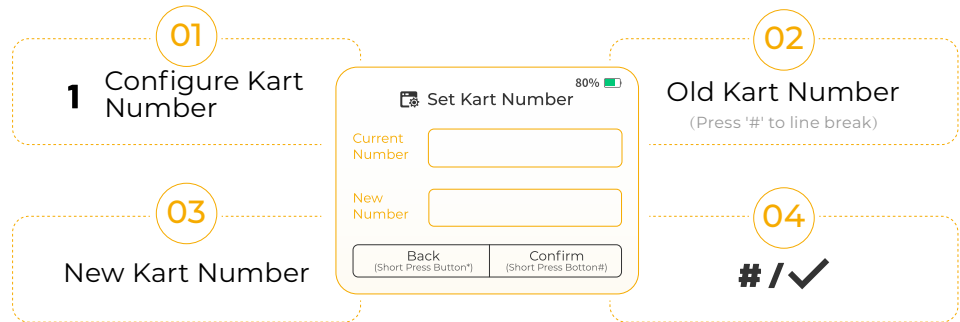
There are two configuration options: reconfiguring the kart number and switching control modes.



## 01 Set Kart Number

- Press the number key "1" to enter.

First, input the old kart number (must match the kart number entered in the kart control section), then press "#" to move to the next line. Input the new kart number (1 - 99), then press "#" to save and return to the kart configuration interface.



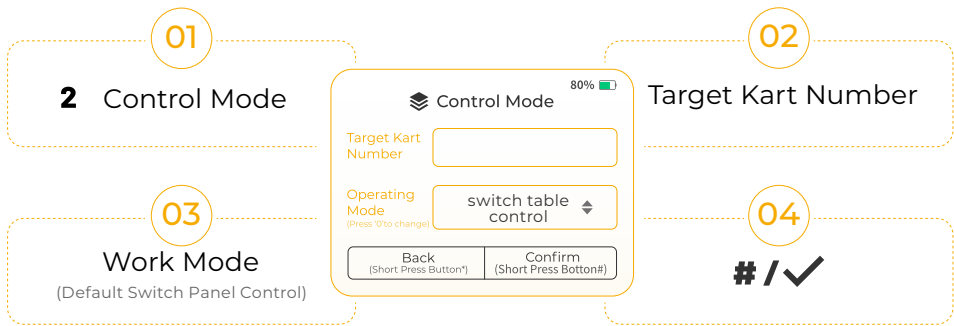
## 02 Control Mode

- Press the number key "2" to enter.

Input the kart number of the module you want to modify, then press "#" to move to the next line, and press "0" to switch the working mode (switch table control, remote control, mixed control). Finally, press the "#" key to confirm and return to the kart configuration interface.

\*Note: Keep the factory settings and do not modify them.

Exit: Press the "\*" key briefly to return to the home screen.

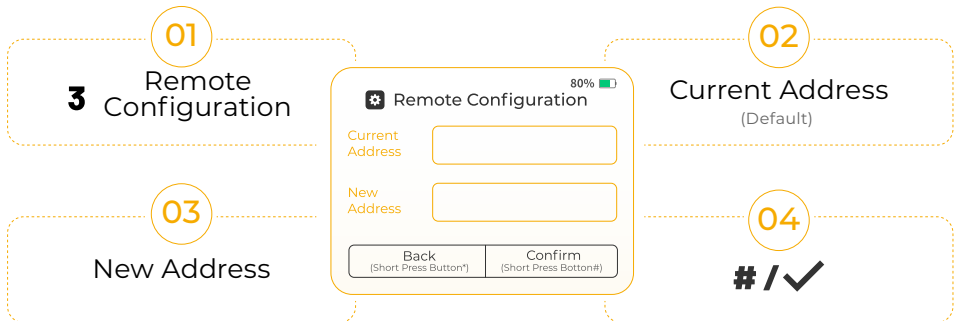


## 2.3 Remote Configuration

- Press the number key "3" to enter.

### Function Description

Displays the current remote control address. Input a new address (1 - 65535) and press "#" to save.



\*Note: After modifying the address, the remote will no longer control previously paired karts. When adding a new remote, set its address to match an existing remote's address to enable control.

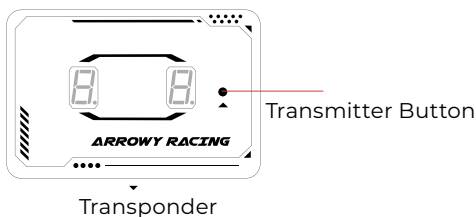
Exit: Press the "\*" key briefly to return to the home screen.

## 2.4 Remote Pairing

- Press the number key "4" to enter.

### Function Description

1. Enter Pairing Mode: Long press the transmitter button for 5 seconds until the digital display flashes.
  2. Request Pairing: Press any number key.
  3. Clear Current Pairing: Press the "#" key briefly.
  4. Clear Other Remote Pairings: Press and hold the "#" key.
- Exit: Press the "\*" key briefly to return to the home screen.



\*Note: For transponder - related content, please refer to the transponder manual.

## 2.5 Language Settings

- Press the number key "5" to enter.

### Function Description

Press "0" to switch languages.



Exit: Press the "\*" key briefly to return to the home screen.

## 2.6 System Information

- Press the number key "6" to enter.

### Function Description

Displays hardware and software version information.

Exit: Press the "\*" key briefly to return to the home screen.



## 2.7 Device Control

- Press the number key "**7**" to enter.

### Function Description

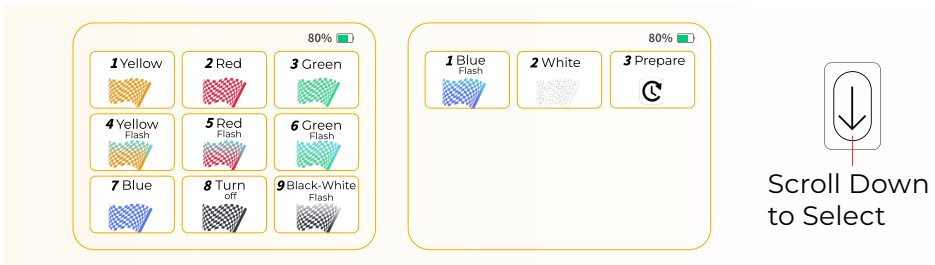
Mainly used for managing and operating specific devices.

#### 01 Flag Light

- Press the number key "**1**" to enter.

Directly press the number keys (1 - 9) to quickly switch between different flag light colors. For more than 9 colors, use the "Select Down" button to cycle through additional options.

\*Note: For flag light - related content, please refer to the flag light manual.



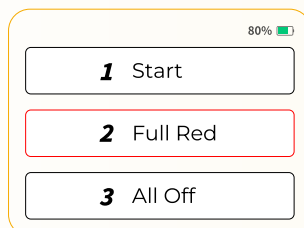
#### 02 Start Light

- Press the number key "**2**" to enter.

Control the starting light with the numeric keypad.

Press "1" for the start signal, "2" for red, "3" for black.

Exit: Press the "\*" key briefly to return to the home. screen.





Nanjing ARROWY RACING  
Technology Co.Ltd.

Web: [www.arrowy.com.cn](http://www.arrowy.com.cn)

Tel: 400-8116-819

**FCC Warning:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.