Universal ARGB ambient lighting kit

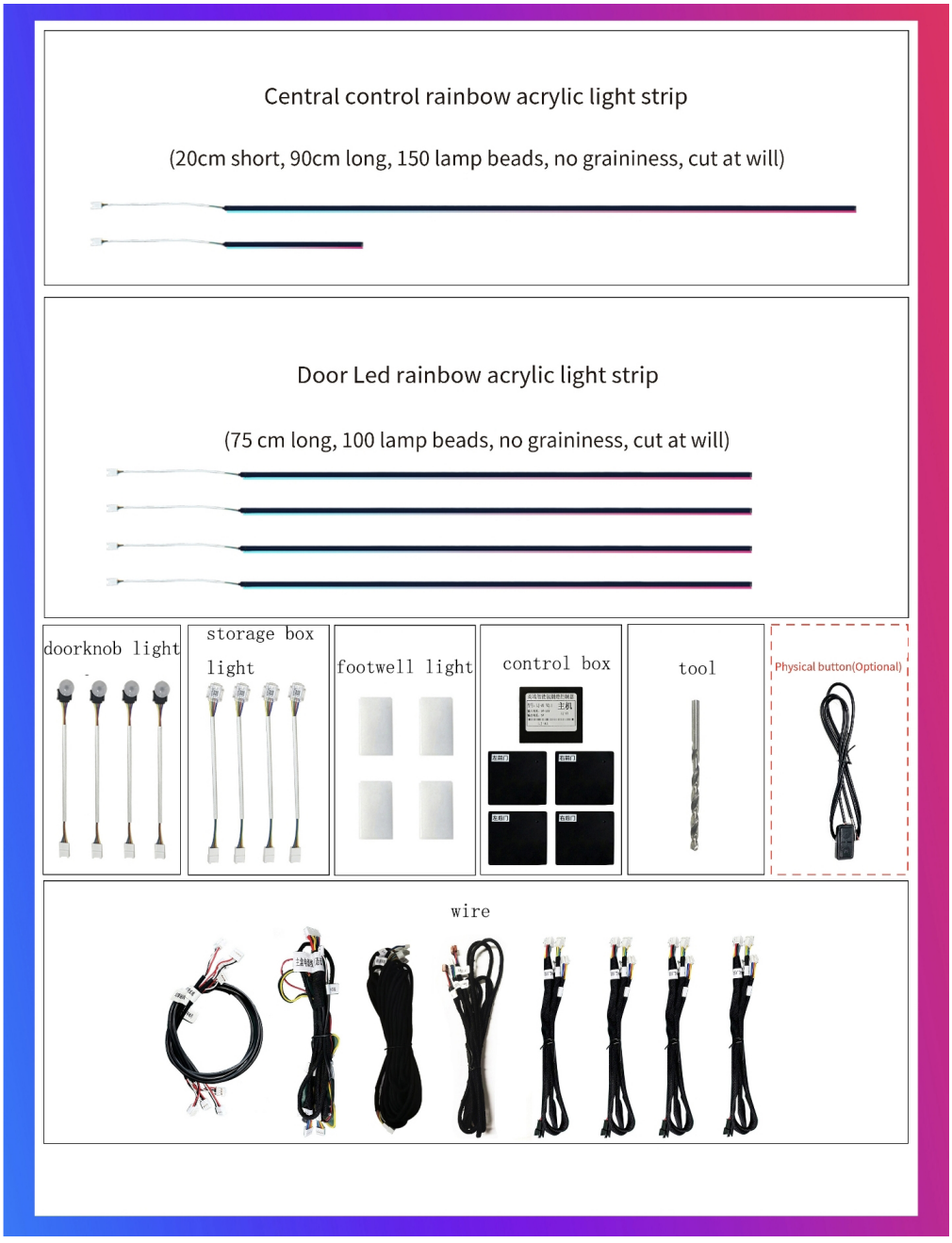
Installation and operation guide · Package with 4 speaker light rings

Rainbow lighting for the dashboard, doors, footwells and cabin details. Mobile app control with installation adapted to the available space in the vehicle.

General Ambient Light

18 Lights

Product Configuration



This package includes: the 18-light base kit plus 4 speaker light rings. The rings are additional to the base kit pictured. They are not speakers or complete speaker grilles.

Based on instructions and photographs supplied by the manufacturer, YANXIN. App screenshots have been labelled in English for reference; their actual language and appearance may vary with the installed version.

1. Preparation and fitting

1. Professional installation. Installation must be performed by qualified personnel to avoid damage to the equipment or vehicle.

2. Initial inspection. Before dismantling, check vehicle operation and the condition of the trim. Inform the customer of any existing faults or scratches.

3. Protecting the interior. Remove metal or hard objects that could scratch the seats or trim. Protect and store removed parts to prevent damage.

4. Wiring and insulation. Remove installation debris and insulate all joints correctly to prevent short circuits.

5. Cable routing. Plan the module position and cable routing. Keep wiring clear of the steering column, pedals and other moving parts. Secure the harnesses so they cannot come loose.

6. Disconnect power before handling connectors. Do not plug or unplug cables or accessories while the system is powered. Avoid hot-plugging components.

Universal installation

Locate suitable gaps in the dashboard and door panels. Test-fit the strips, check the cable routing and secure them before refitting the trim. This universal kit requires adaptation; it does not replace the trim with vehicle-specific parts.

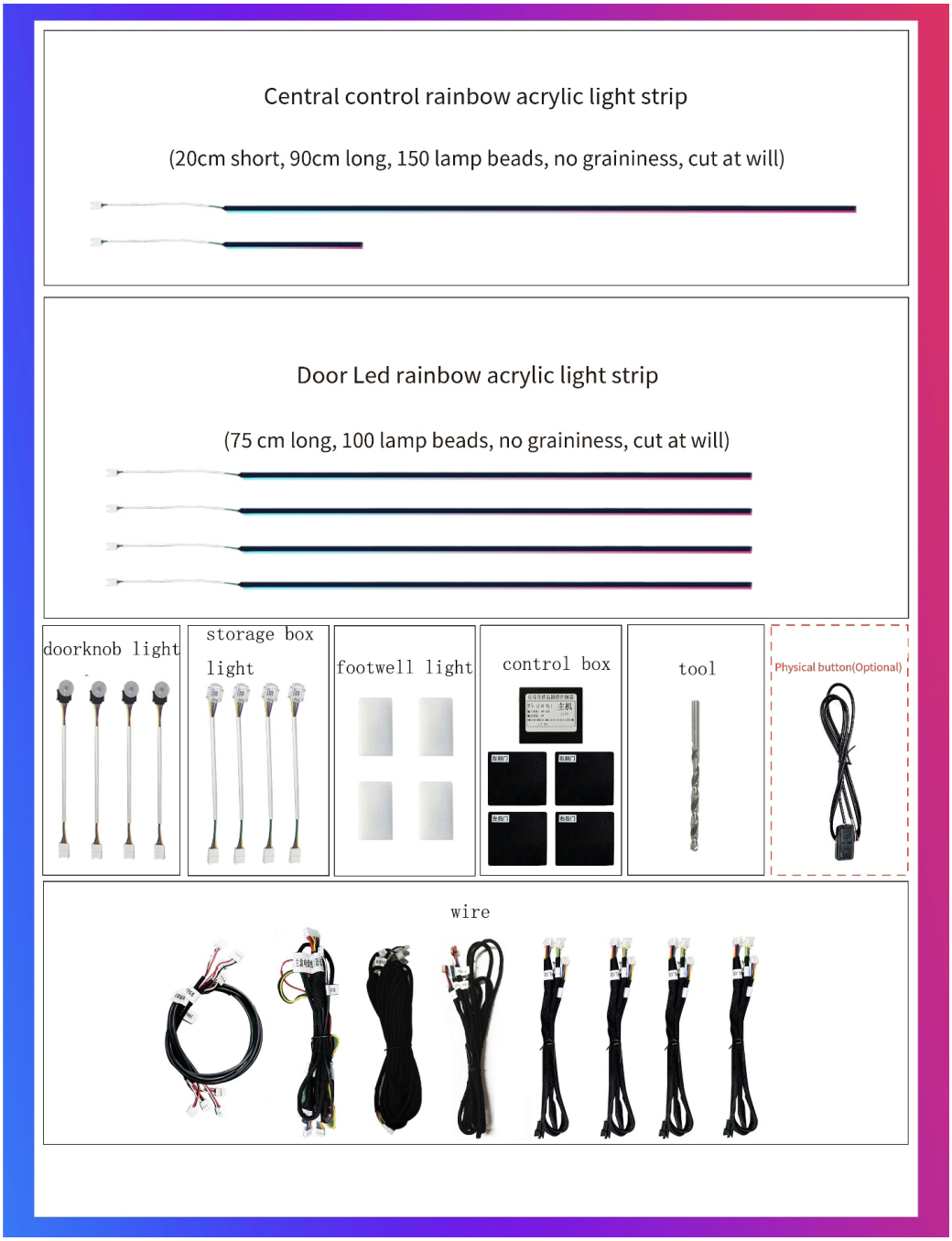
For trimmable strips, check the dimensions and cutting instructions before making any changes. The final layout depends on the gaps and dimensions of the interior.

2. Components and dimensions

General Ambient Light

18 Lights

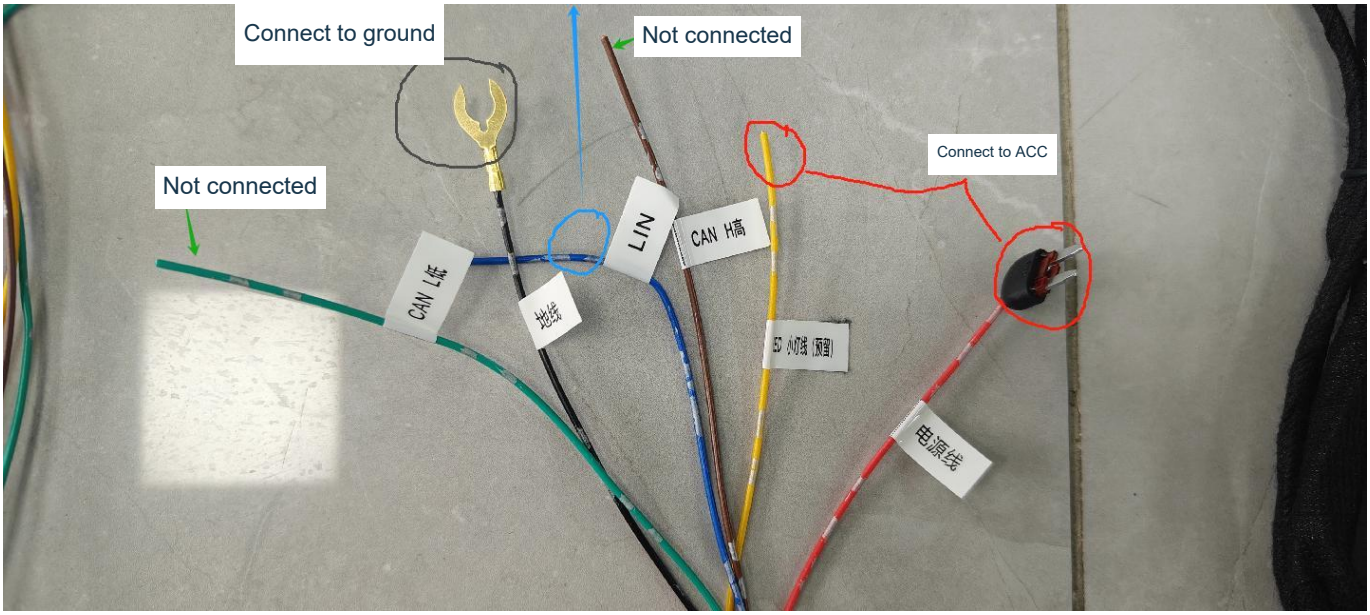
Product Configuration



Zone	Quantity	Dimensions / details
Dashboard	2 strips	20 cm and 90 cm; 150 LEDs as specified
Doors	4 strips	75 cm; 100 LEDs as specified
Handles / storage	4 + 4 lights	Auxiliary light points
Footwells	4 lights	Lower cabin lighting
Speakers	4 rings	Included in the TradeTec package

3. Main controller power supply

For a universal app-controlled installation, the manufacturer allows power to be taken from the fuse box or another suitable ACC and ground connection. The cigarette lighter socket does not need to be occupied.



1. If the vehicle cannot control the ambient lighting through the mirror button or screen, omit the LIN connection indicated in the manufacturer's diagram.

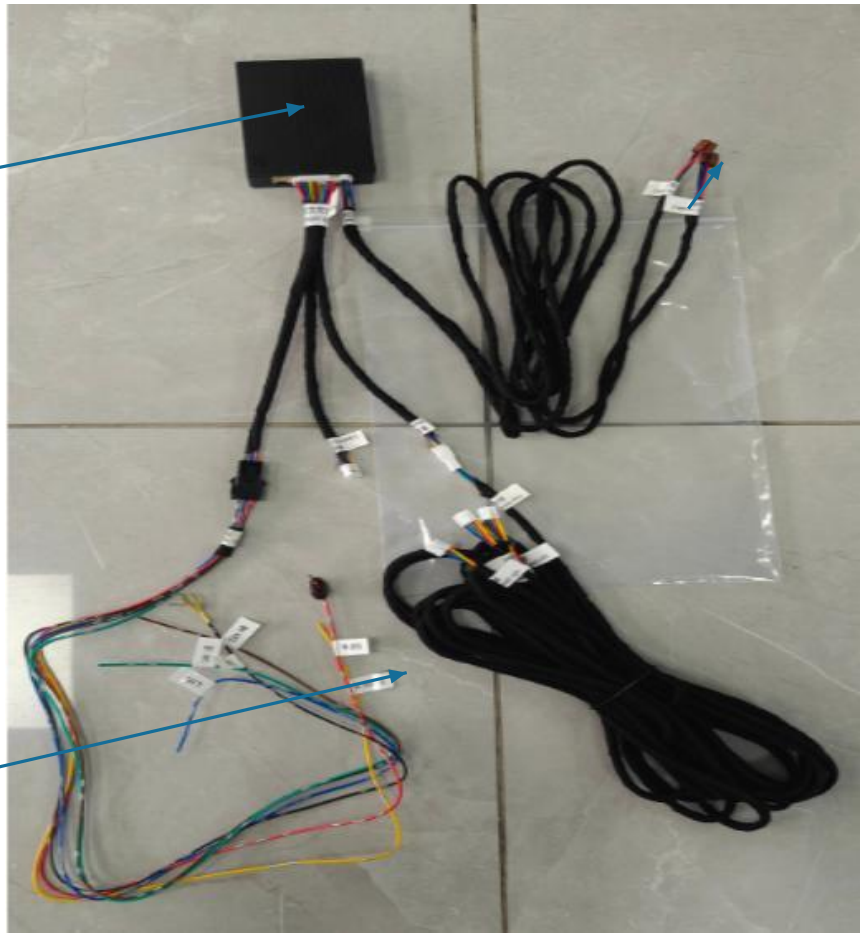
2. In this configuration, the main controller power cable does not need to enter the front left door. Power can be taken from the fuse box. Locate suitable ACC positive and negative connections.

3. The original manual also lists the cigarette lighter circuit's positive and negative wires as a possible power source. This is a wiring connection; it does not require a plug in the socket.

4. Keep the wires marked 'not connected' insulated in this configuration. Do not identify a wire's function by colour alone: check the labels on the supplied harness and the relevant diagram.

Physical harness labels may retain their original printing. Identify ACC (switched positive), ground / GND (negative), LIN and CAN before connecting. This manual does not provide a universal pin assignment for every vehicle.

4. Main controller connections



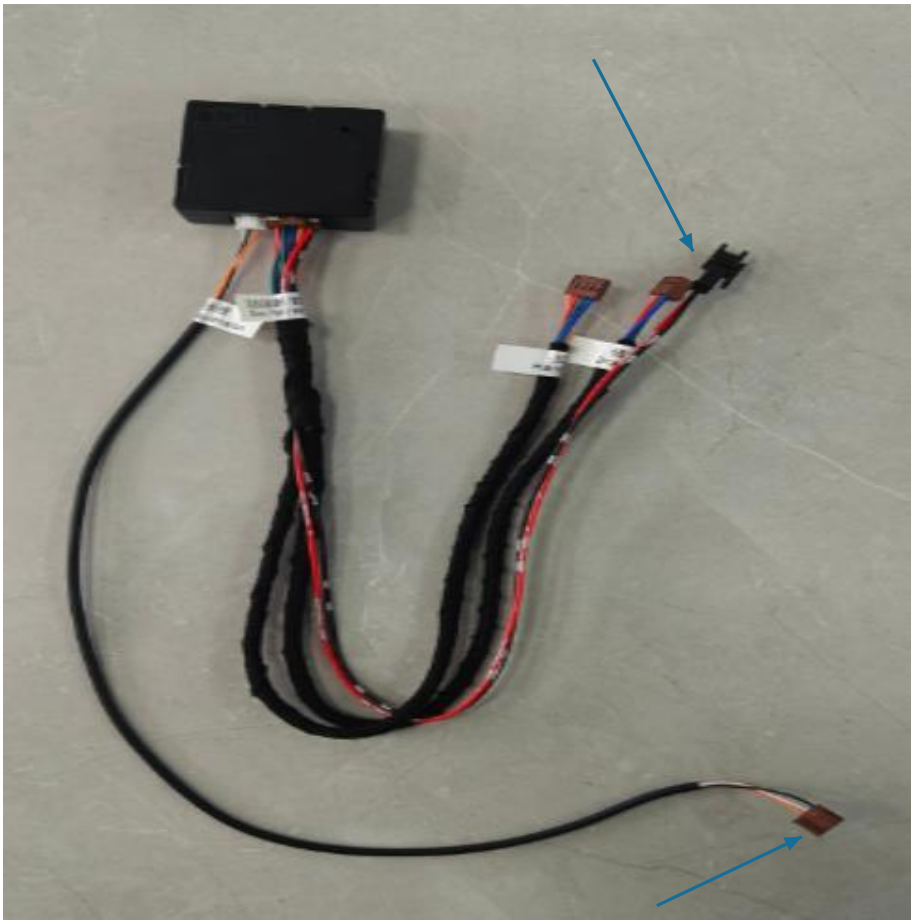
Connect the dashboard strips and footwell lights to the labelled branches of the main controller harness, as shown in the photograph. Use the wiring labels to identify each output.

Check that all connectors are fully inserted and no wires are trapped. Test the complete system before refitting the trim.

The photograph shows the manufacturer's actual wiring. Do not move terminals or force connectors that do not match.

5. Door modules and lights

Auxiliary lights



Door light strip



Door power supply
Locate suitable 12 V positive and negative connections inside the door panel, following the manufacturer's instructions.

Connect the Rainbow strip and auxiliary lights to the door module using the labelled outputs. The original diagram identifies connections for the handle and lower auxiliary lighting.

If the lights do not respond, pair the door modules with the main controller. See section 10 for the procedure.

Route and secure the wires clear of the window regulator, locks and moving parts of the door.

6. Accessing the app

The manufacturer provides two QR codes: one for the WeChat mini program and one for the mobile app. Scan the appropriate code for your device.



WeChat mini program



Mobile app

1. Power on the kit and enable Bluetooth on your phone.

2. Open the app or mini program.

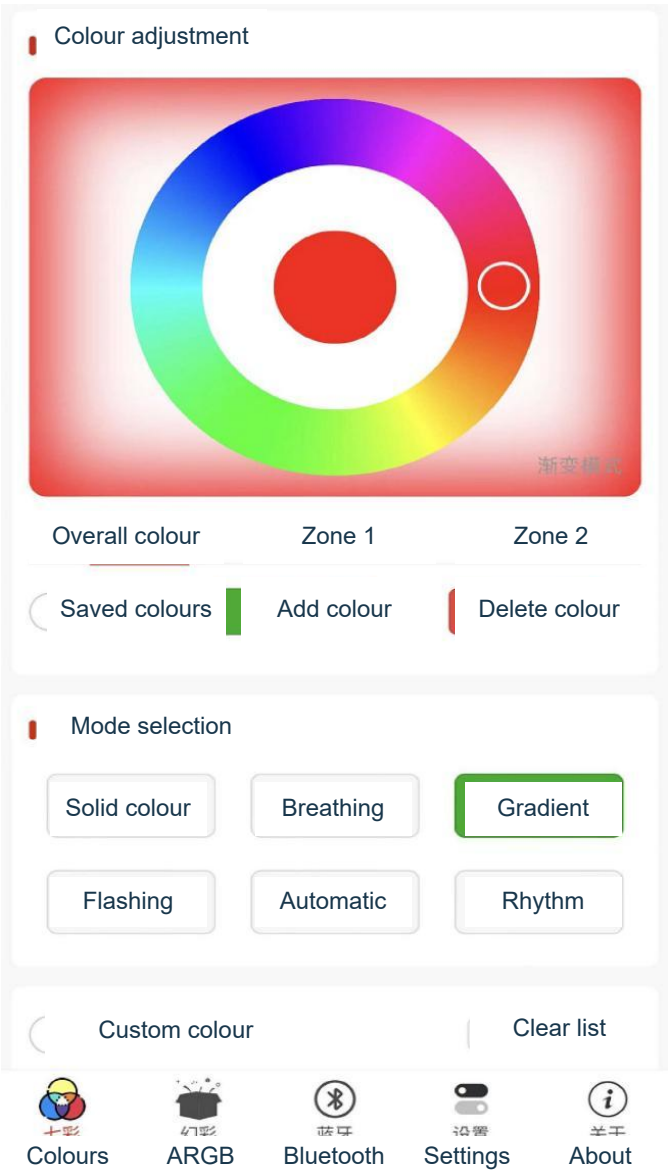
3. Find the main controller in the device list. The original instructions describe the prefix as AWT; the example screenshot shows ATW-FWD-5558. Identify the module actually installed in your vehicle.

4. Select the device and check that it responds to colour and brightness changes.

> The QR codes are reproduced from the original manual. Menu labels are explained in English on the following pages; this does not mean that the app itself includes an English interface.

7. Bluetooth, colours and modes



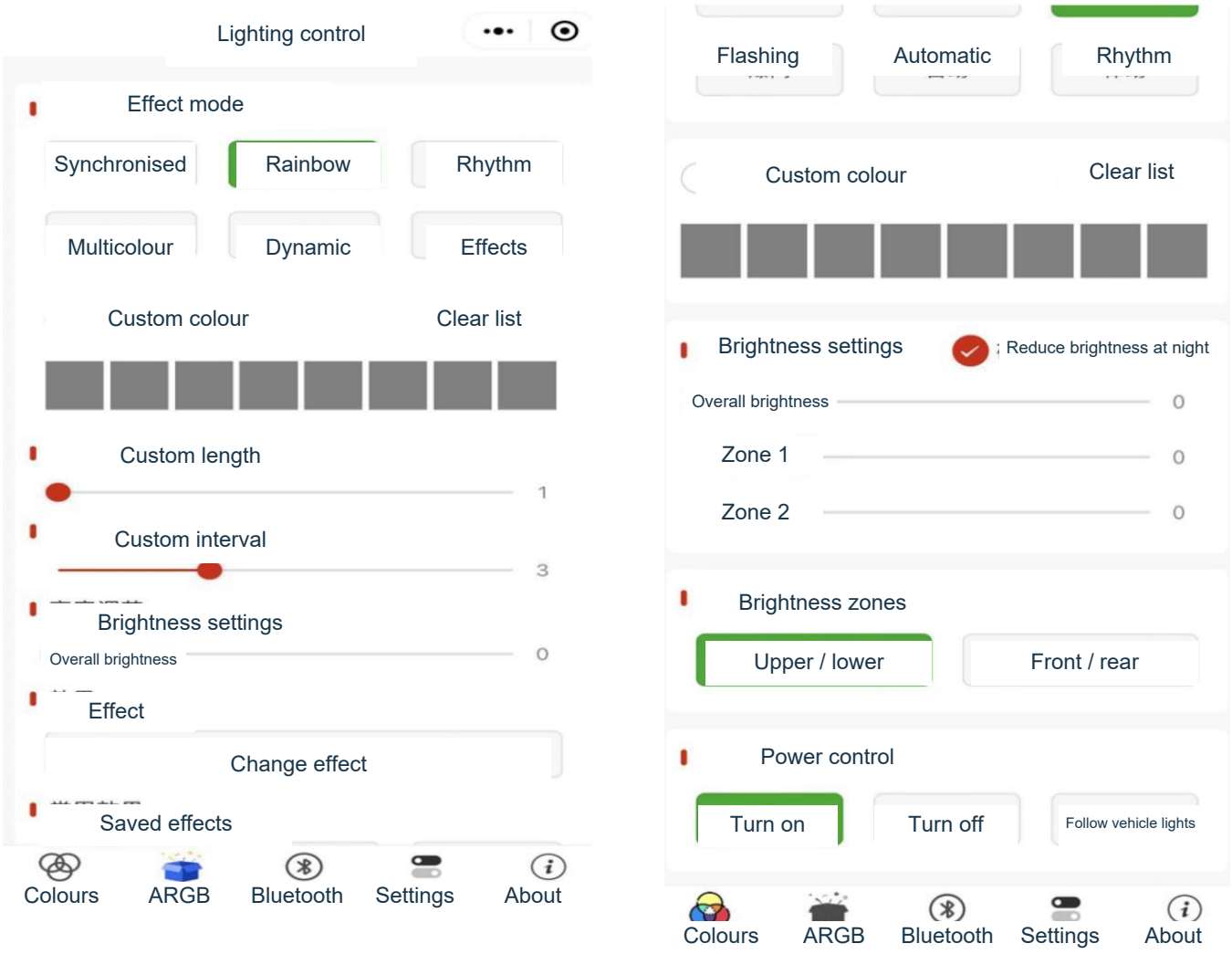


The Colours tab lets you select an overall colour or adjust separate zones, save colours and select the modes available in your app version.

For the ARGB kit's effects, use the second tab on the bottom bar. This provides access to Rainbow modes and their settings.

Screenshots have been labelled in English for reference. Layout and available functions may vary with the module and app version.

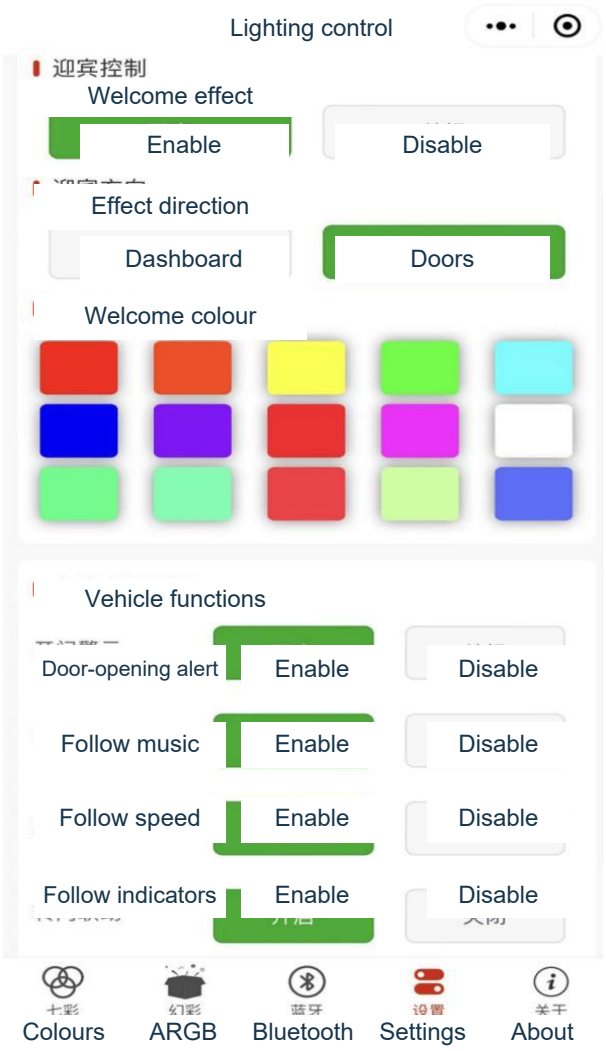
8. ARGB effects and brightness

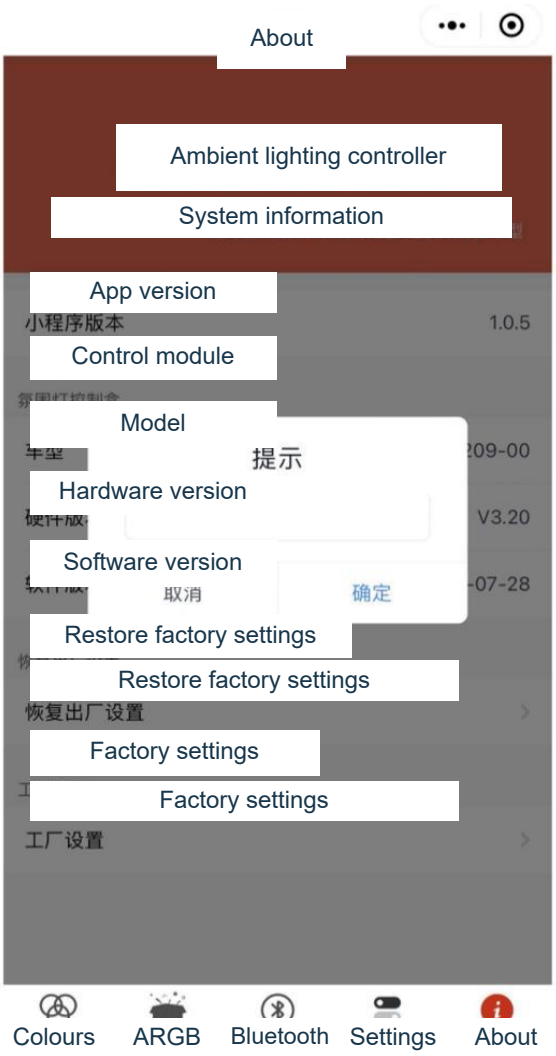


Use the on-screen controls to adjust the ARGB effect, length and interval. Adjust the overall or individual zone brightness for comfortable lighting.

The app may show options for reducing brightness at night or following the vehicle lights. Operation depends on the installation and available vehicle signals.

9. Welcome effects and vehicle options





If the product and installation support a welcome effect, configure it under Settings. The app shows colour, direction and activation controls.

> Door, speed and indicator controls shown in the app do not guarantee these functions in a universal installation powered only by ACC. They require a compatible module and vehicle connections.

The About page shows system versions and provides access to factory settings. Use these settings only for the procedures described in this manual.

10. Pairing the modules

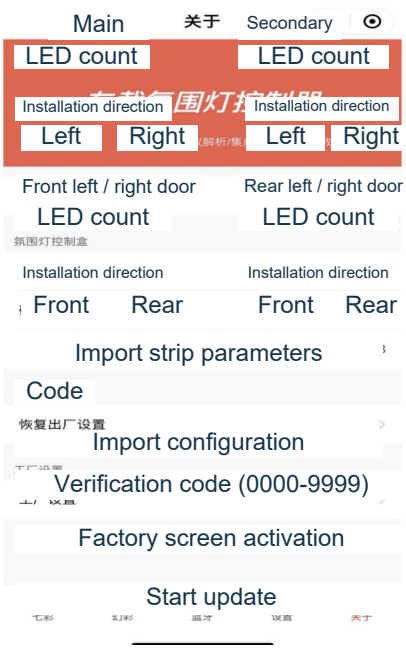
If the main controller lights up but the door modules do not, carry out the pairing procedure described by the manufacturer.

Using the app: open About → Factory settings, enter 1688, select Function 1 and tap Confirm.

Using the module: use a thin tool to press and hold the button inside the secondary module's pairing hole for three seconds. The original instructions describe this as an alternative pairing method.







The settings screen also shows the LED count and strip direction for welcome effects. Do not change these values without checking the installed kit's configuration.

> Do not start software updates or enable factory-screen functions without the manufacturer's specific instructions for your module and vehicle.

11. Troubleshooting and final checks

Three flashes in a defined pattern. The original manual identifies this pattern as a protocol issue.

Main controller flashing rapidly. The original manual describes this as normal operation.

Repeated slow flashing. The original manual associates this with a failed software update.

Symptom	Possible cause	Check
Lights do not turn on	Incorrect power supply or brightness at minimum	Check power supply, connectors, ground and brightness settings.
Dim lighting	Light guide incorrectly connected or bent too tightly	Check the light guide connection to the emitter and its routing, if your kit uses this type of part.
A colour is not working	Possible short circuit	Check wiring.
No response to controls	Incorrect switch or control	Check the switch and selected device.
All four secondary modules remain off	No power or pairing required	Check power and follow the procedure in section 10.

Before handing over the vehicle

Test all lighting zones, phone control and system power-on and power-off. Check that the wiring is secured, connections are insulated and panels are correctly refitted.

The four speaker rings are additional lighting accessories. Their diameter must suit the available space. The supplied documentation does not include a specific ring installation diagram; they must not be confused with speakers or complete speaker grilles.