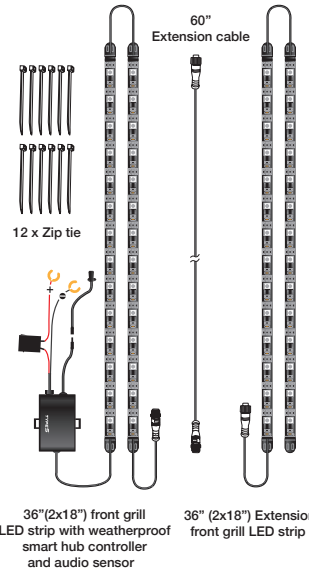


PACKAGE CONTENTS

72" Exterior Lighting Strips
Smart LED Front Grill Kit



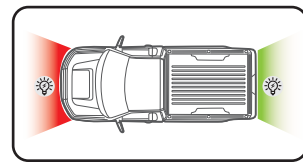
Instruction Manual



TECHNICAL SPECIFICATION

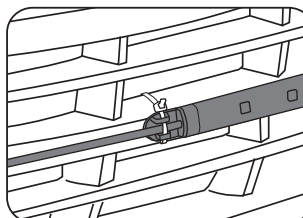
Working voltage: DC 12V Only
Bluetooth distance: 30ft (no obstacle)
Frequency band: 2.4 GHz
Types of LED: 5050 SMD RGB
Maximum amperage draw: 3A
Replacement Fuse: 3A

INSTALLATION



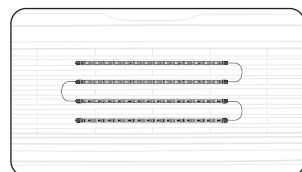
MOUNTING THE LED STRIPS:

- Choose your desired location. (☼ - see suggestions as shown)
- Clean surface thoroughly with isopropyl alcohol. Dry completely.
- Peel off the 3M™ tape backer and carefully apply to the desired area.
- You can also secure the LED strips on the front grill using the zip ties included in this package.



You can set your own mounting options of LED strips on your front grill.

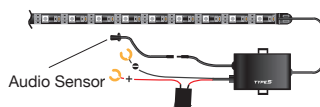
SAMPLE 1



SAMPLE 2



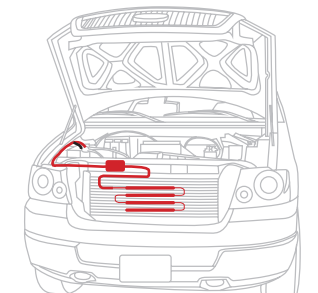
INSTALLING THE AUDIO SENSOR:
Audio sensor is only recommended for interior installation. For external installation, please unplug the audio sensor plug.



CONNECTING THE FRONT GRILL STRIPS:
Connect the 2 sets of front grill LED strip. Make sure the connectors are securely fastened and route cables away from engine. The connectors are directional, make sure to connect to the correct position and fasten each end of the cap.



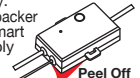
Position the Hub controller away from the car engine. Make sure to avoid placing the Hub controller or cables near any extremely HOT location or next to the car engine. Use 3M™ double sided tape to secure to any flat location and use zip ties to secure the Hub controller if needed. The best location for the Hub controller will be inside the front grill if possible.



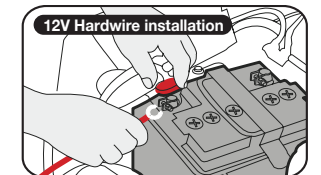
POWER

INSTALLING THE SMART HUB:

- For use with 12V power only
- Choose your desired location for the Smart Hub.
- Clean surface thoroughly with isopropyl alcohol. Dry completely.
- Peel off the 3M™ tape backer at the bottom of the Smart Hub and carefully apply to the desired area.



- Smart Hub hardwire cables are color coded, **RED** for POSITIVE (+) and **BLACK** for NEGATIVE (-).



- Connect the **RED** cable to the POSITIVE (+) battery clamp as illustrated. The POSITIVE battery post will be slightly larger than the NEGATIVE post, and will be marked with a PLUS (+) sign. There may also be a **RED** protective cover over the positive battery post.
- Connect the **BLACK** cable to the NEGATIVE (-) battery clamp as illustrated. The NEGATIVE will be marked with a MINUS (-) sign. There may also be a **BLACK** plastic protective cover over the negative battery post.

NOTE: After connecting the Smart Hub to the car battery, the LED power indicator will flash Blue. If the LED power indicator does not flash once connected, please recheck your power connections.

The Smart Hub has built-in voltage protection to prevent car battery drain in case the lights are accidentally left on. The lights will automatically turn off and the Hub will be on standby mode when the voltage drops to approximately 12V. Once on standby mode, if the car battery is producing below 12V, do not turn on the LED lights until your next engine start or when power is back to 12V or above.

WARNING: DO NOT mix up the cables or allow the metal ends to touch together because this may damage the battery, charging system and/or electronics on a vehicle. When installing, please make sure your engine is not running.

WARNING

- Do not install or use product if it, in any way, impairs the safe operation of your vehicle.
- NEVER use the APP while operating your vehicle. Use the APP when vehicle is stationary only.
- Follow manufacturer's instructions to ensure the product is properly & safely installed.
- Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws.
- This product is intended solely for decorative purposes. Manufacturer and Seller assume no liability for installation or use, which are solely the responsibility of the purchaser.
- This product is not DOT approved and is designed and intended for exterior use only. Not for use in extreme temperature such as under hood applications.
- The Manufacturer and Seller are not responsible or liable for consequential, incidental, or indirect damages, whether to person or property, resulting from the installation or improper use of this product.

NOTE: This product can expose you to chemicals including DEHP and DINP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

FCC / IC Compliance Statement:
This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). 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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for 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 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 the 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.

The device has been evaluated to meet general RF exposure requirement.
To maintain compliance with FCC/IC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

CAN ICES-005(B) / NMB-005(B)

APP INSTALLATION

- Install the Smart Lighting APP on your device. Search for the APP through the APP Store or Google Play under:



Compatible with iPhone 4s & higher, iPad3, iPad Mini, iPad Air & higher, and iPod touch 5th Generation & higher. Requires iOS 7.0 or higher.

- Once installed, open the APP and begin enjoying your Plug & Glow™ experience.

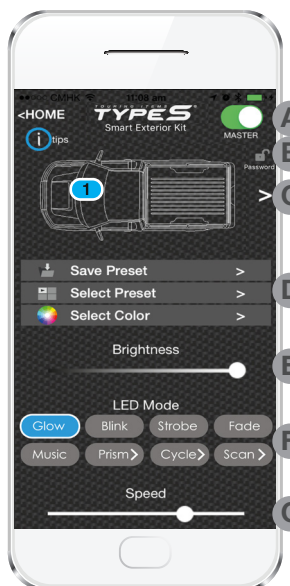


USING THE APP



Tap "Smart Exterior Kit" Icon to start

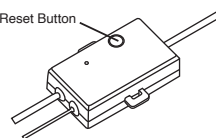
APP will automatically pair to the Hub when both are powered on (including Bluetooth) and within 30ft



A Master On/Off Switch

B Password:
You can set up a password to prevent other devices from controlling your lights. Once you have entered your password, it will be saved in the APP and the Smart Hub Controller.

NOTE: To set or change the password, your device must be connected to the Smart Hub and simply follow on-screen instructions. Changing the password without connecting to the Smart Hub may cause an invalid password the next time your App and Smart Hub are activated. If you forget your password, simply reset by pressing the Smart Hub Controller reset button for 3 seconds or disconnect the power from the car battery.



C LED Zone Functions:

Connect and control up to four separate sets of 72" Smart LED Front Grill Kit.

Zone On/Off: Press each zone icon to turn LED On or Off.

On / Off
Move
Rename
Select Multiple
LED Strip Length

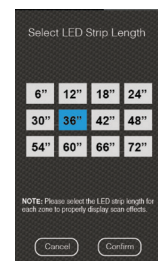
Move Zone Icon:
Press and hold zone icon, select "Move" to position each zone icon at your desired location.

Rename Zone Icon:
Press and hold zone icon, select "Rename" to rename each icon. (Note: Maximum 4 characters).

Select Multiple:
You can select and control multiple zones at once. Press and hold zone icon, select "Select Multiple" then select your desired zones by pressing "Confirm". To ungroup your selection, press and hold zone icon and select "Ungroup".

C LED Strip Length:

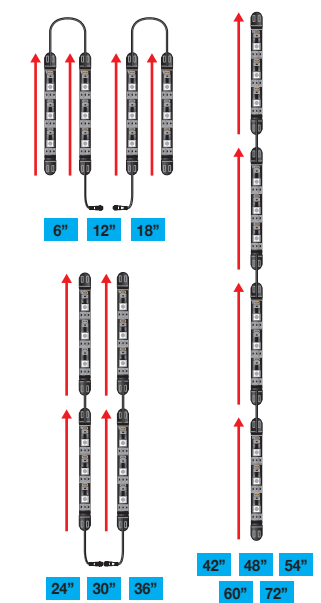
The Smart LED Front Grill Kit includes 72" total LED strip length. Select the LED strip length for each zone to properly display scan effects on Scan Mode. Press and hold zone icon, select "LED Strip Length" to set the LED length. Default setting is 36" and the LED will scan within the 36" distance. To have the LED move the entire 72" distance, please select 72". Please refer to (figure 1) for example.



Select Vehicle Schematic:

Press >, select your desired vehicle schematic.

Figure 1 (Scan/Strip Length Examples)



D Save Preset:

You can save your favorite settings. After creating your setting, press "Save Preset" and enter your preset name. You can save up to 10 preset settings.

Select Preset:

You can select your previously saved preset setting, press "Select Preset" and choose your saved setting.

Delete Saved Preset Setting:

To delete a saved preset setting, press "Select Preset" and press and hold the preset setting that you wish to delete. Press "Yes" to delete.

Select Color:

Choose from up to 49 different colors. Press "Select Color", select your desired color and press "Confirm".

Brightness:

Slide bar to adjust brightness setting.

LED Mode:

Choose up to 22 different modes including unique scan effects and Preset color themes.

Note: Music Mode is sound activated and sensor must be installed in car interior for proper use.

G Speed:

Slide bar to adjust the speed of the movement from each LED Mode.

72" Exterior Lighting Strips
Smart LED Front Grill Kit
LM56818
Responsible Party:
Winplus North America, Inc.
2975 Red Hill Ave., Ste. 100, Costa Mesa, CA 92626, USA
Tel: 866-294-9244

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