TOURING ITEMS
TYPE S ®
Plug & Glow ™

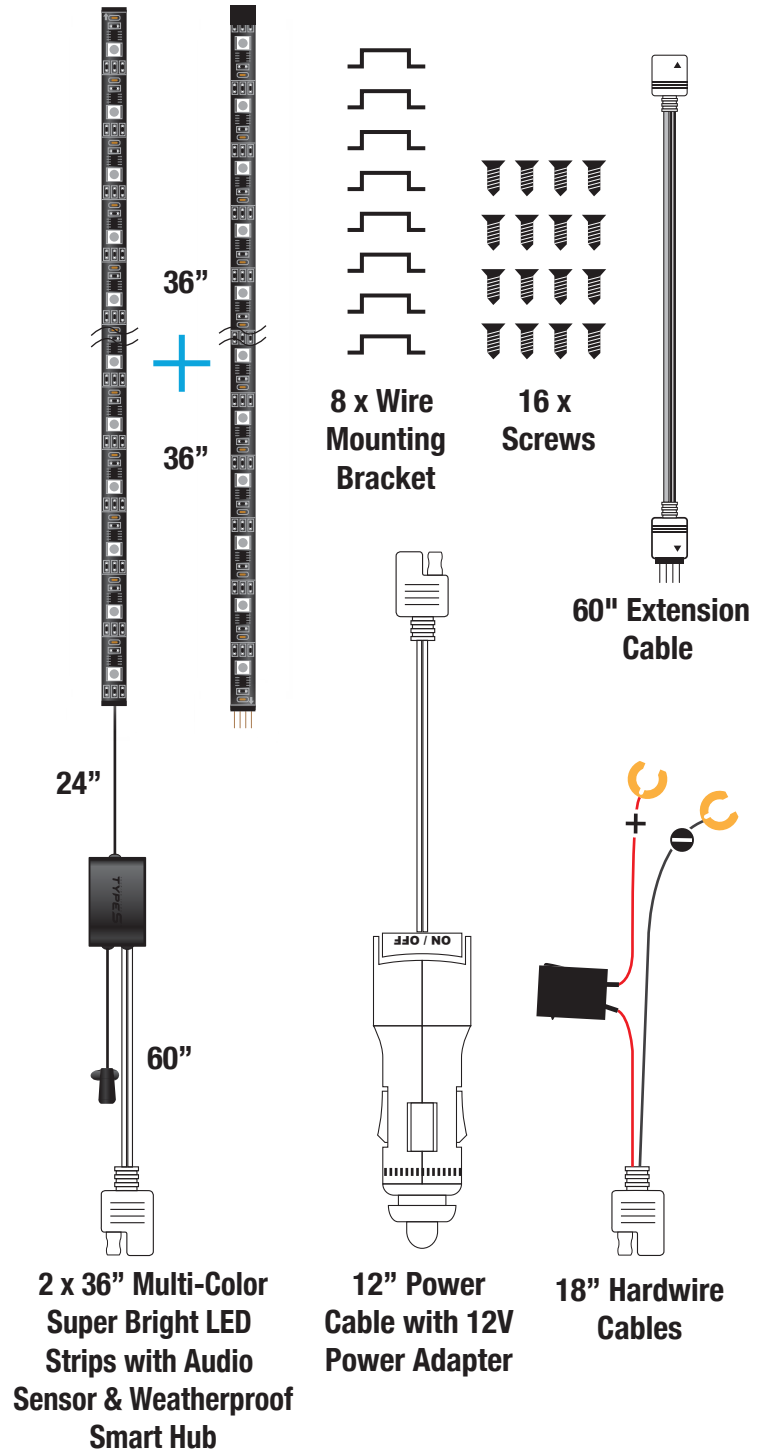## Automotive 72" Exterior Smart Lighting Kit

Exterior Kit can also function as interior lighting

Instruction Manual

36"

36"

24"

60"

2 x 36" Multi-Color Super Bright LED Strips with Audio Sensor & Weatherproof Smart Hub

8 x Wire Mounting Bracket

16 x Screws

60" Extension Cable

ON / OFF

12" Power Cable with 12V Power Adapter

+ −

18" Hardwire Cables

TECHNICAL SPECIFICATIONS

Working voltage: DC 12V Only

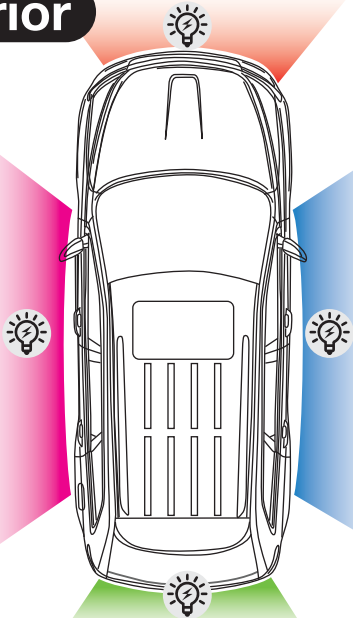Bluetooth distance: 30ft (no obstacle)

Frequency band: 2.4 GHz

Types of LED: 5050 SMD RGB
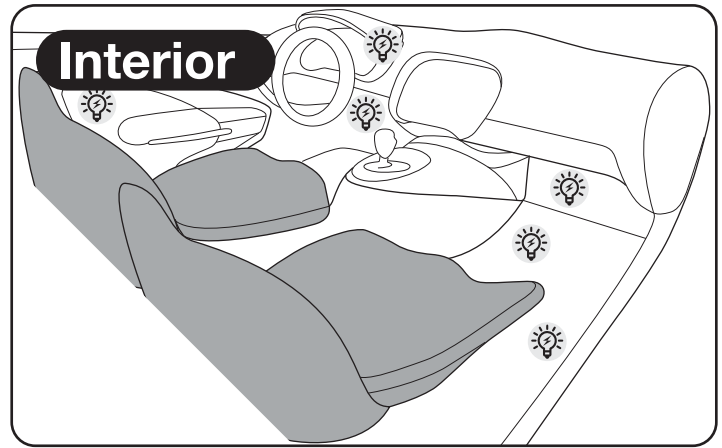
Maximum amperage draw: 3A
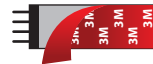
Replacement Fuse: 3A
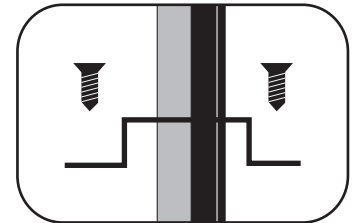
INSTALLATION
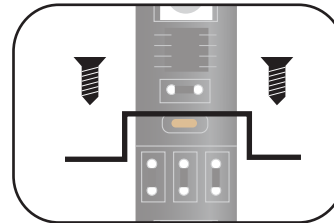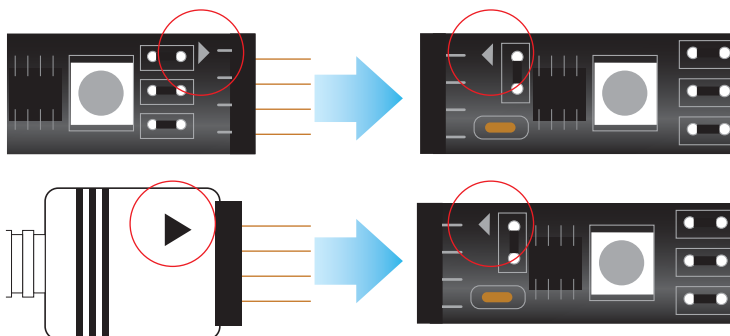
Exterior

Interior

INSTALLING THE LIGHT:
• 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.

• Use the wire mounting brackets and
  screws if needed to secure the LED
  strip or wire as shown below.

• This kit comes with two 36" LED strips and a 60" extension cable. Match arrows indicated for correct orientation. An incorrect connection will cause lights to malfunction.
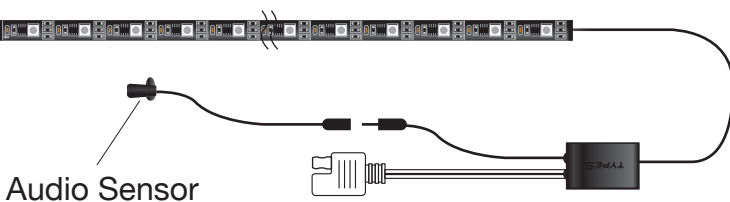

NOTE: If needed, LED strips can be cut every 6 LED chips – ONLY cut where the line marks are shown.

Note the portion of strip that is cut-off is no longer usable.

1 2 3 4 5 6
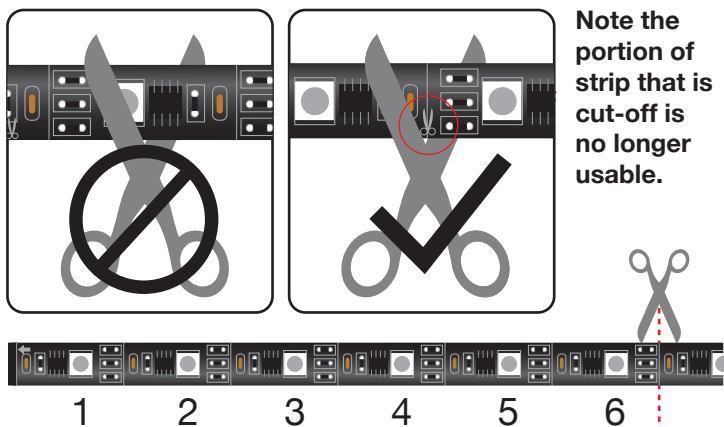
INSTALLING THE AUDIO SENSOR:
Audio sensor is only recommended for interior installation. For external installation, please unplug the audio sensor plug.


Audio Sensor

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.


Peel Off
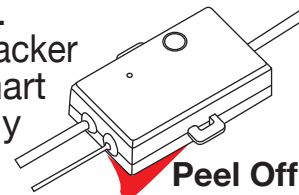
Two Power options available
ⓐ 12V Plug-in power adapter (Interior)
ⓑ 12V Hardwire (Exterior)

3A fuse

ⓐ

ⓑ 3A fuse
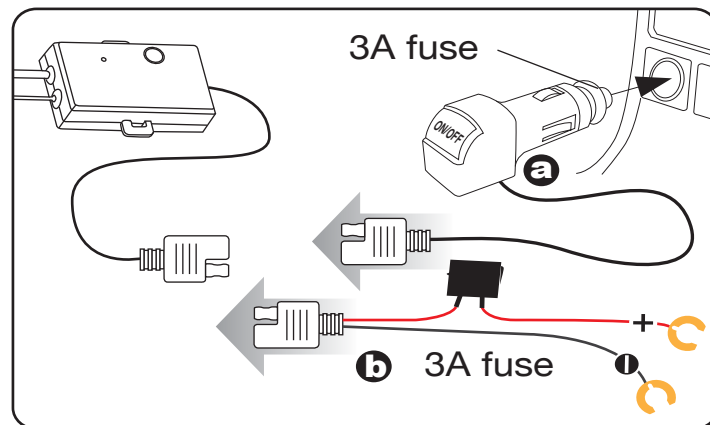
• Select your desired power connection and connect to the Smart Hub two pin connector.
• For exterior installation, we recommend to use ⓑ 12V Hardwire installation.
• Smart Hub hardwire cables are color coded, **RED** for POSITIVE (+) and **BLACK** for NEGATIVE (-).
• Connect the **RED** cable to the 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

12V Hardwire installation
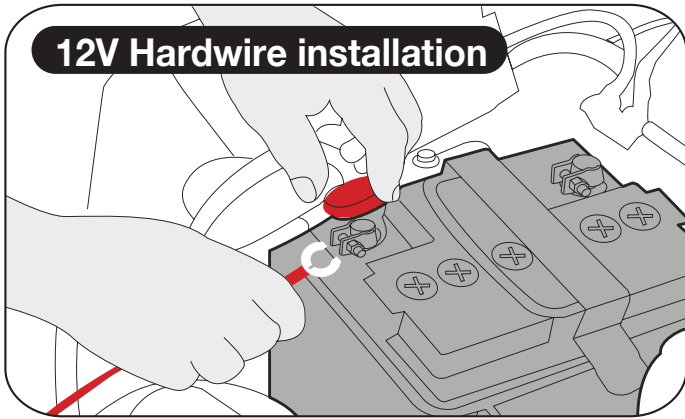
post.
- Connect the **BLACK** cable to the NEGATIVE (-) battery clamp as illustrated. The NEGATIVE will be marked with a MINUS (-) sign. There may also be a **BLACK** plastic protective cover over the negative battery post.

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

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 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

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

CAN ICES-3(B) / NMB-3(B)
This radio transmitter (identify the device by certification number or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna Type	Max. Antenna Gain (dBi)
PCB printed antenna	0

Have a comment or question?
Email us at: info@winplususa.com
or visit us online at: www.winplususa.com

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APP INSTALLATION

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

WINPLUS TYPE S LED

• Or scan the QR code below to find the compatible APP for iOS or Android.

Download on the App Store

GET IT ON Google Play
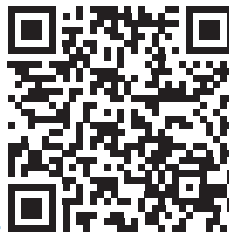
Scan to download APP   **Scan to download APP**

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

Compatible with phones with Android™ 4.3 or higher.

Note: not all Android™ phones are equipped with Bluetooth® Smart v4.0 required for this application.

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

USING THE APP

Home Page

TYPE S
V1.3.4

Smart LED Hub

Smart LED Dome

Smart Off-Road
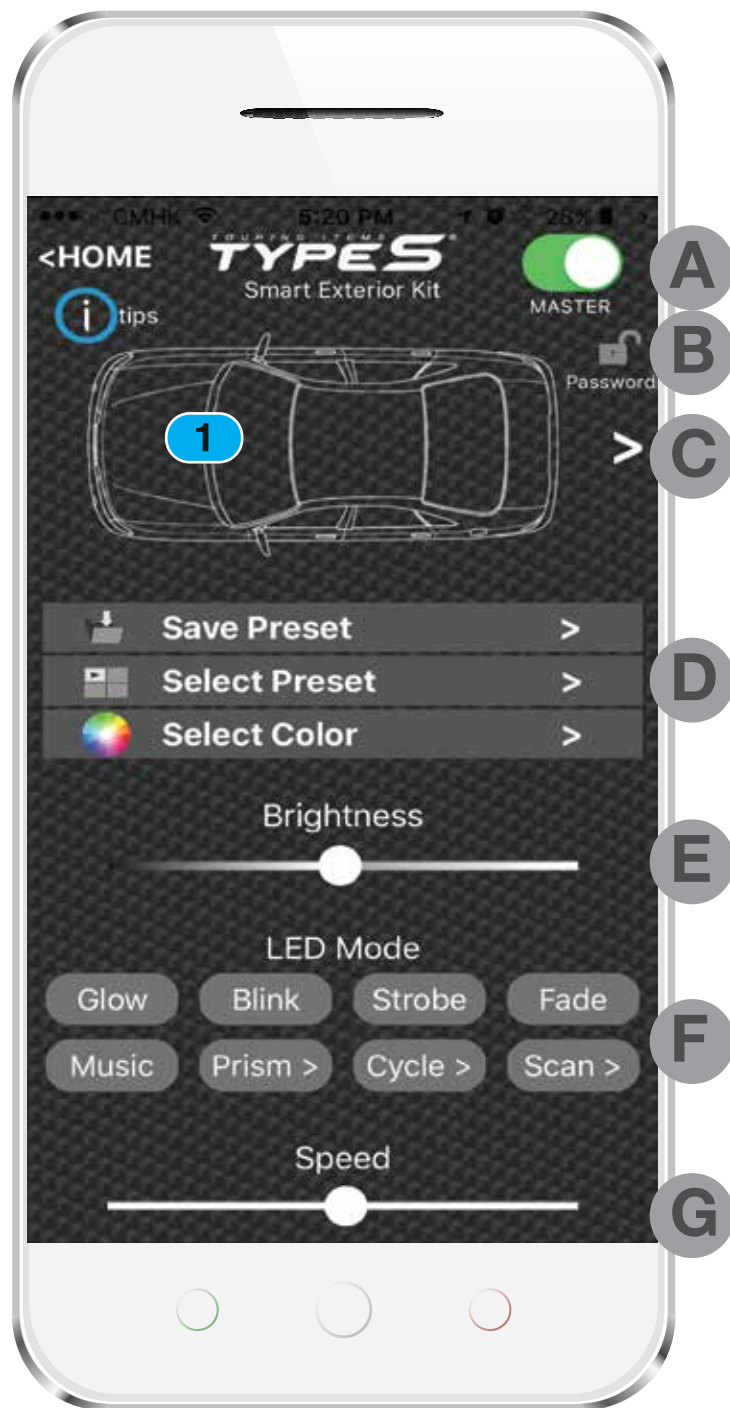
Smart Exterior Kit

Tap "Smart Exterior Kit" Icon to start

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

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<HOME TYPE S
Smart Exterior Kit

MASTER — **A**

Password — **B**

> — **C**

1

💾 **Save Preset** >
🖼 **Select Preset** > — **D**
🌈 **Select Color** >

Brightness
— **E**

LED Mode

| Glow | Blink | Strobe | Fade |
| Music | Prism > | Cycle > | Scan > |
— **F**

Speed
— **G**

ⓘ tips

Ⓐ Master On/Off Switch

Ⓑ 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 m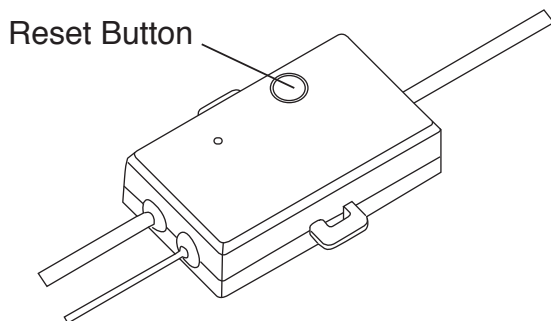ay cause an invalid password the next time your App and Smart Hub are activated. If you forget your password, simply reset by pressing the Smart Hub Controller reset button for 3 seconds or disconnect the power from the car battery.

Reset Button

Ⓒ LED Zone Functions:

1 Connect and control up to four separate Smart Exterior Kits.

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

On / Off
Move
Rename
Select Multiple
LED Strip Length
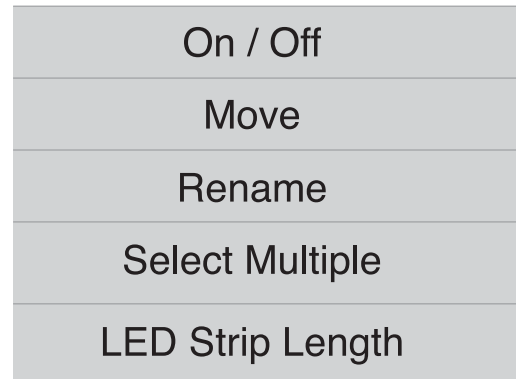
Move Zone Icon:
Press and hold zone icon, select "Move" to position each zone icon at your desired location.

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 Exterior Smart LED 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 LED Strip Length

6"	12"	18"	24"
30"	36"	42"	48"
54"	60"	66"	72"

NOTE: Please select the LED strip length for each zone to properly display scan effects.

Cancel   Confirm
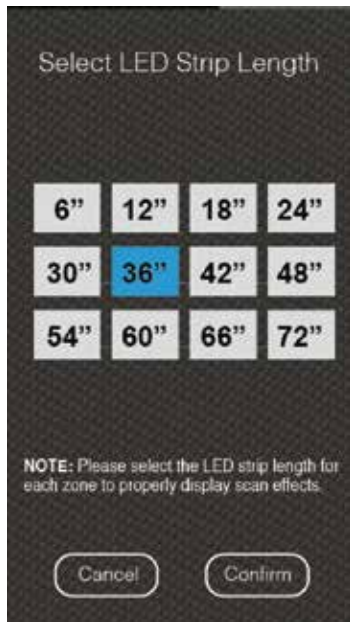
Select Vehicle Schematic:

Press >, select your desired vehicle schematic.

Figure 1 (Scan/Strip Length Examples)

12"   36"   42"   72"

Scan in every 12"

Scan in every 36"

Scan up to 42" only

Scan within 72"
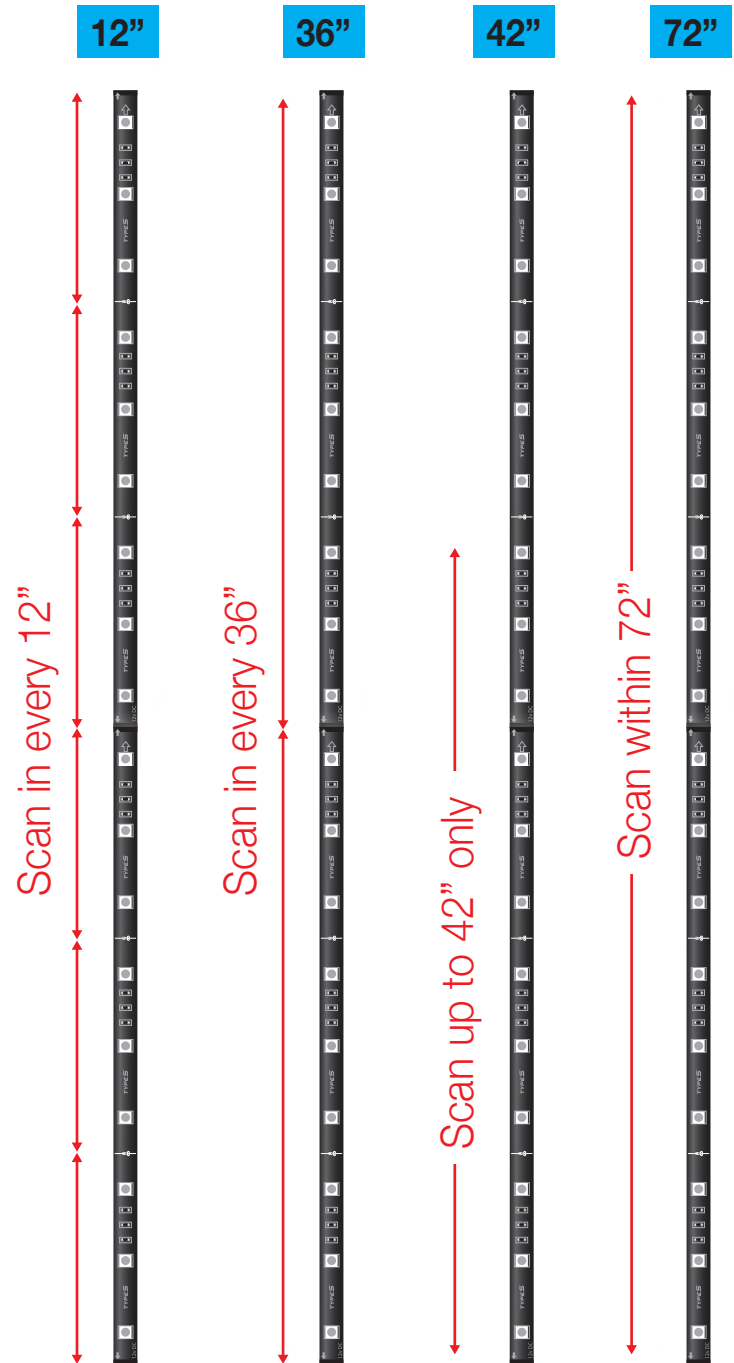
D Save Preset:
You can save your favorite settings. After creating your setting, press "Save Preset" and enter your preset name. You can save up to 10 preset settings.

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".

E Brightness:
Slide bar to adjust brightness setting.

F 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.

OPTIONAL ACCESSORIES

TOURING ITEMS **TYPES® PLUG & GLOW™ ACCESSORIES AVAILABLE TO TAKE YOUR EXPERIENCE TO THE NEXT LEVEL**
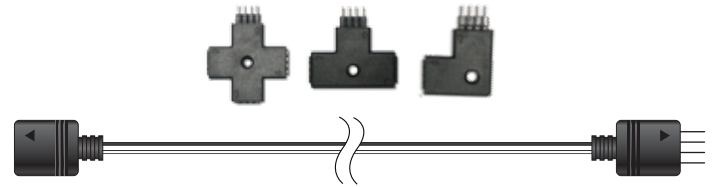
SPLITTERS & EXTENSION CABLES

For more product and installation ideas and videos visit us at:
www.winplususa.com

ML-55878_V1