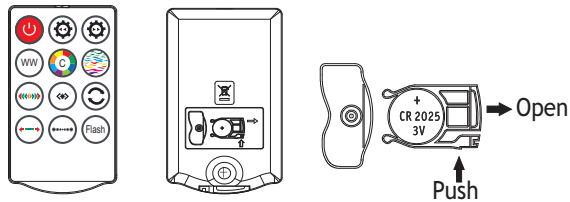




SAFETY INSTRUCTIONS FOR REMOTE

7 Safety instructions for remote



Note: To replace the battery, please loosen the small screw on the back side of the remote, and refer to the diagram on the back side of the remote.

Always purchase the correct size and grade of battery that is most suitable for the intended use.

Replace all batteries of a set at the same time.

Clean the battery contacts and also those of the device prior to battery installation.

Ensure that batteries are installed correctly with regards to polarity (+ and -).

Replace used batteries promptly.

Remove batteries from equipment when not used for an extended period of time.

WARNING: The remote contains a CR2025 DC 3V button battery. If swallowed, it could cause severe injury or death in just 2 hours. Seek medical attention immediately.

IC Statement

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.



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MADE IN CHINA



Indoor LED Flexible Lighting Strip

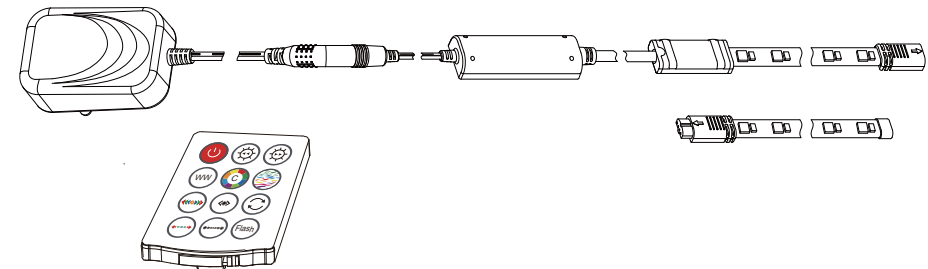
ITM./ART.: 1234762

MODEL: DS18124

USE & CARE GUIDE

Important, Retain For Future Reference: READ CAREFULLY

Thank you for selecting DSI as your lighting choice for your home. With proper care, this product will provide years of pleasure and enjoyment. Carefully follow the installation instructions below in order to ensure that this product functions safely and properly for years to come.



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MADE IN CHINA

REVISE DATE: 03/28/2017



SAFETY INSTRUCTIONS

Safety instructions:

1. Important! Main power voltage and fuse must meet the technical data specifications. Before starting work, ensure that the main cable is not live. Switch off the fuse.
2. Fitting and maintenance work may only be carried out by a professional or an electrician in accordance with local safety regulations.
3. All electrical connections must have good contact in order for this product to have a long, useful life.
4. LED chips of this LED strip can not be replaced.
5. This LED strip includes a linkable connector. Only link max two LED strips. Do not link more than two strips together.
6. Please only use LED driver which has been provided with this LED strip.
7. Never use the unit in a room where there is a danger of explosion or in the vicinity of flammable liquids or gases.
8. Do not bend, crush or pull the cable. Protect from sharp edges, oil and heat.
9. Do not touch the LED strip or electrical connector directly with hands.
10. For indoor use only.
11. Do not use the LED strip on a timer, wall switch with dimming functions, or with an extension cord. Using the LED strip with any of these voids the warranty and results in the LED strip not functioning properly. The remote included has dimming functions.
12. Danger of eye damage! Never look directly at the LED chips of this LED strip.
13. Always keep this user manual within reach while installing this LED strip. Please read and understand the user manual to ensure proper installation and use. Always pay attention to the technical data shown on the product. We reserve the right to make technical changes.
14. Electrical waste should not be disposed of with household waste. Please recycle where facilities exist.
15. Warning: The adapter not for use with receptacles that are weatherproof only when the receptacle is covered (attachment plug cap not inserted and receptacle cover closed).
16. Warning: Risk of electric shock. Mount the adapter at a height greater than 30 cm / 11.8 in. from the ground surface.
17. Do not submerge any part of this unit.
18. **CAUTION:** If you choose to modify the length of the LED strip, only cut along the scissors marks. Please contact DSI Customer Service for further instructions.
Note: Once the LED strip is cut, it will lose the connectable capabilities. You will not be able to add a new connector or additional strips to the strip that had been cut.
19. Ensure connectors and endcap are securely fastened before operating strip.
20. LED flexible lighting strip rating : 24VDC 0.75A.



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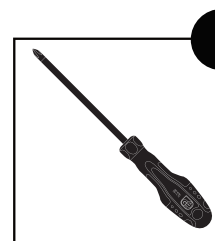
MODEL: DS18124 ©

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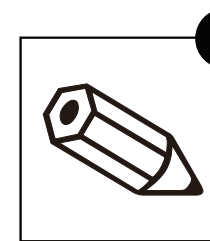
MADE IN CHINA



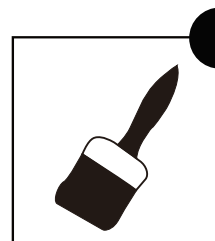
TOOLS NEEDED (not supplied)



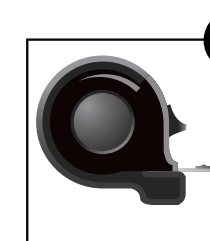
Phillips head
screwdriver



Pencil



Brush



Measuring
tape



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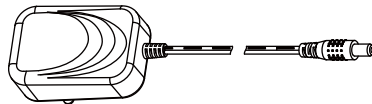
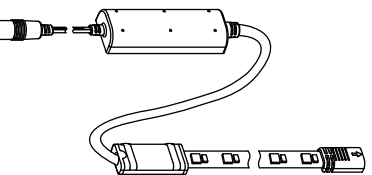
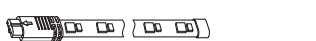







PACKAGE CONTENTS

Carefully unpack and identify each part to make sure you have everything ready for installation. Lay out each part on a clean flat area such as a table or carpet. Check to make sure you have the following:

* Parts are not to scale

NOTE: All parts and components sold together in this package can only be used for this model.

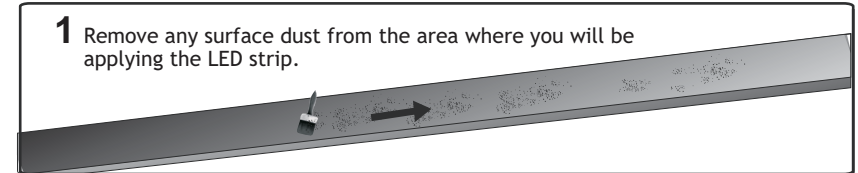
	Adapter	1 PC
	RF receiver and 3.66 m / 12ft LED flexible strip (A) as one set	1 set
	3.66 m / 12 ft LED flexible strip (B)	1 set
	Remote	1 PC
	Screw (Includes 26 + 2 replacements)	28 PCS
	Clip (type MH1)	12 PCS
	Wire clip	2 PCS
	End cap	1 PCS



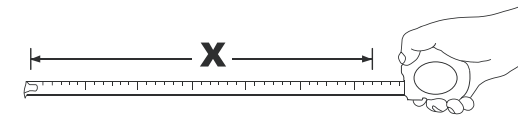
LED STRIP INSTALLATION

Caution - To prevent personal injury and damage to the LED strip and/or mounting surface, do not pull the LED strip from the surface. To reduce the likelihood of injury or damage, mount this LED strip only on a surface that is structurally sound.

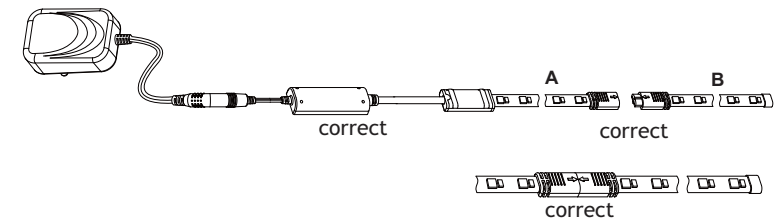
1 Remove any surface dust from the area where you will be applying the LED strip.



2 Measure the desired space for the LED strip installation to determine if you need to use one or two strips.



Note: Connect the LED strip (A) to the infrared receiver and adapter by aligning the arrows on the connector leading from the infrared receiver to the connector on the LED strip (A). If you require two LED strips, then connect the LED strip (B) to the end of the LED strip (A) by aligning at the arrows on the connectors. Please make sure the connectors are securely fastened all the way on both sides.



Note: If you are only using one LED strip for your installation please use LED strip (A).



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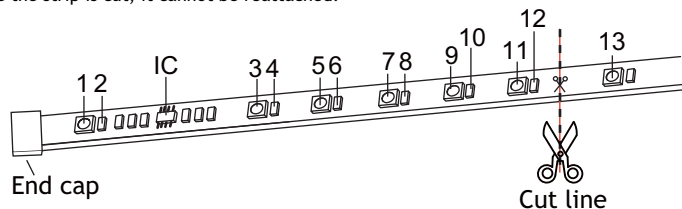
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LED STRIP INSTALLATION

3 Adjusting the length of the strip with scissors

1. Unfold the entire LED strip. Find the end of the LED strip. Each group of twelve LED chips from the end is considered a complete circuit as shown (each complete circuit has an IC). You can cut the LED strip at the center of the 12th and 13th LED chip as shown, along the scissors marks. If you cut the strip on the incorrect point, the remaining LED chips on the complete circuit will not work.

Warranty: Once the strip is cut, it cannot be reattached.

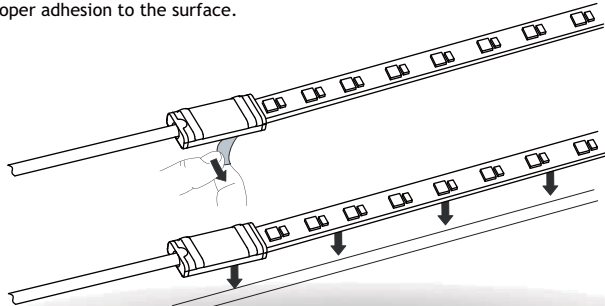


2. Attach the end cap to the new end. Press the end cap tightly.



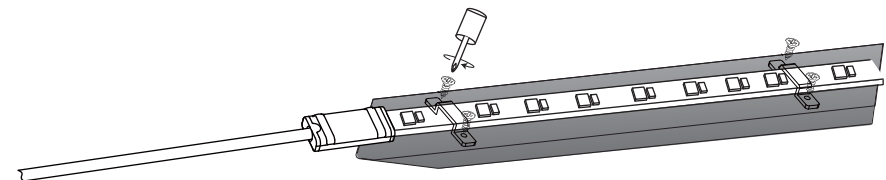
4 2 installation options available

4A Tape method: Remove the protective tape from the adhesive back of the LED strip carefully. Place the LED strip into the desired location on a clean and dry surface, and press to ensure proper adhesion to the surface.

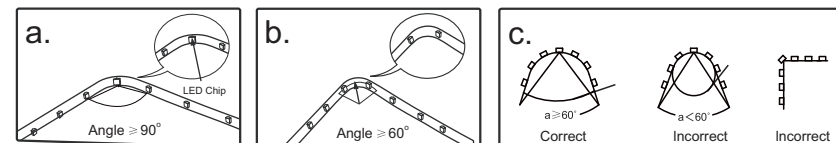


LED STRIP INSTALLATION

4B Clip and screw method: Place the LED strip in the desired location. Use the clips and screws to secure the LED strip as shown. Clips should be placed in open areas of the strip, do not cover the LED chips.



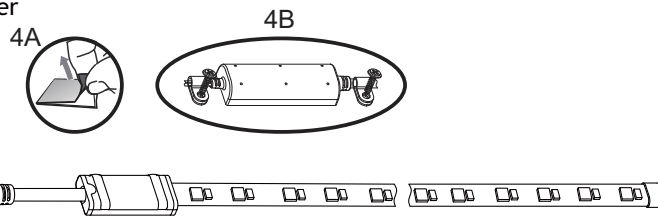
Note:



- a.: Use an angle greater or equal to 90 degrees when there is an LED chip on the corner while placing the strip in a concave position. (Angle $\geq 90^\circ$)
- b.: Use an angle greater or equal to 60 degrees when there is no LED chip on the corner while placing the strip in a concave position. (Angle $\geq 60^\circ$)
- c.: Use an angle greater or equal to 60 degrees when there is an LED chip on the corner while placing the strip in a convex position. (Angle $\geq 60^\circ$) In the convex position the angle should not reach 90 degrees. See above diagram.

LED STRIP INSTALLATION

5 Install the RF receiver



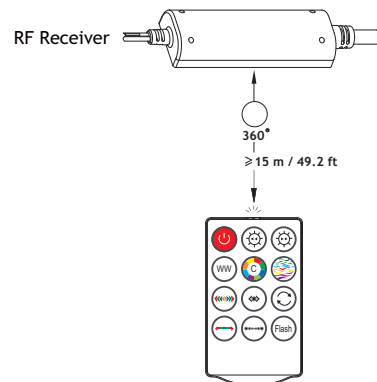
There are two options for you to choose from:

4A: Remove the protective tape from the adhesive back of the RF receiver carefully, then place the RF receiver into position and press to ensure a proper adhesion to the surface.

4B: Use the two wire clip to install the RF receiver into desired location.

CAUTION: Only a maximum of 2 x 3.66 m / 12 ft strips can be linked together using the same adapter.

Note:

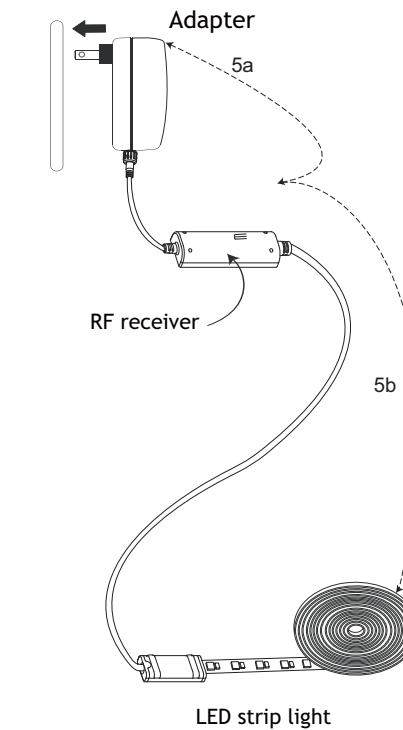


Sensor efficiency distance ≥ 15 m / 49.2 ft and sensor efficiency angle about 360°.

LED STRIP INSTALLATION

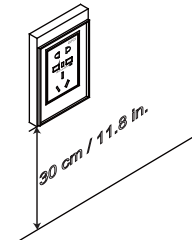
6 Connection to power supply

Connect adapter to power outlet



Note:

5a:



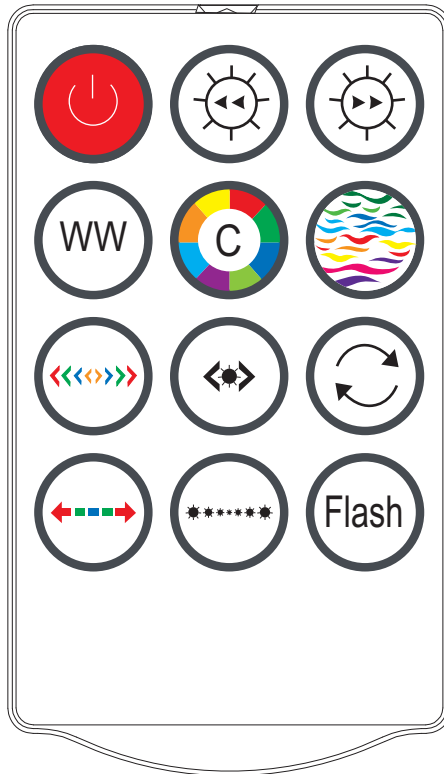
Warning: Risk of electric shock. Mount the adapter at a height greater than 30 cm / 11.8 in. from the ground surface.

5b: The LED strip and RF receiver is indoor use only.















OPERATING REMOTE

The remote diagram below is not to scale



OPERATING REMOTE

7 Functions of Remote

-  ON/OFF
-  Decreases brightness of the strip in stationary mode. Decreases the speed of the light in the motion mode. (NOTE: there are 4 light intensity options and 4 speed setting options)
-  Increases brightness of the strip in stationary mode. Increases the speed of the light in the motion mode. (NOTE: there are 4 light intensity options and 4 speed setting options)
-  Warm white (solid white)
-  Twelve colours: Eight solid colour options, Seven-colour sequence (in stationary or motion mode), Seasonal lighting (it allows to set the LED strip on the seasonal setting of your preference - there are 3 options to choose from)
-  Continuous multicolour motion
-  Flash function. Choose your preferred colour or colour sequence from the keys C
-  Trail - Press this button once to set the Trail chasing feature into one direction. Press this button again to set the Trail chasing feature into the opposite direction. Choose your preferred colour or colour sequence from the keys C
-  Horse Race - Press this button once to set the Horse Race chasing feature into one direction. Press this button again to set the Horse Race chasing feature into the opposite direction. Choose your preferred colour or colour sequence from the keys C
-  Spread - Press this button once to set the Spread chasing feature into one direction. Press this button again to set the Spread chasing feature into the opposite direction. Choose your preferred colour or colour sequence from the keys C
-  Meteor - Press this button once to set the Queued colour chasing feature into one direction. Press this button again to set the Queued colour chasing feature into the opposite direction. Choose your preferred colour or colour sequence from the keys C
-  Four theme mode: Green theme mode, Blue theme mode, Orange / Yellow / Red theme mode, Pink / Purple theme mode

Suggested Operating Method:

- 1) First, turn remote on.
- 2) The simplest operation in RGB colour mode is to make selections in this order: Choose colour, then choose brightness, then choose a motion, and then choose speed.
- 3) To set the colour: Select C for colour settings. Select WW for solid white setting.
- 4) To control brightness, the strip must be in a solid colour state (no motion). For solid white, press WW. For colour, press C. Then press a motion mode (example trail, horse race, spread, or meteor).
- 5) To control speed of motion, the strip must be in a motion mode. In RGB mode, press a motion mode (example trail, horse race, spread, flash, or meteor), and then press the left or right arrow to control the speed of motion. This setting is not available for WW.
- 6) At any time, it is possible to adjust settings, but brightness must be in a solid colour setting to adjust, and speed must be in a motion setting to adjust.

Federal Communications Commission (FCC) Interference Statement

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 generate, 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 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.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment must not be collocated or operating in conjunction with any other antenna or transmitter.

Industry Canada (IC)

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada's licence-exempt RSSs. 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.

Cet appareil est conforme à la norme RSS d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes:

- (1) le dispositif ne doit pas produire de brouillage préjudiciable, et
- (2) le dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.