

INSTALLATION GUIDE
LED Lighting Kit

What's included?



1x
Transformer
converts 240v to 12v



1x
RGB colour box remote controller*



1x
24 metres of cable T-junctions
(each 'T' distance is 1,5m)



1x
RGB colour remote keypad



16x
RGB lights
100mm light cable



16x
Extension cable
250/455mm optional

The RGB colour box remote controller is only compatible with the keyboard-style remote control. It has no relation to the mobile app control. For deck installations, ensure that **no objects cover the remote receiver, making sure it's exposed. However, since deck controllers are often installed under the deck, we strongly recommend using app control in these cases for reliability.*

Important information:

It is the responsibility of the installer to meet all code and safety requirements, and to obtain all required building permits. The railing installer is responsible to determine and implement appropriate installation techniques for each installation situation including but not limited to appropriate fasteners. VISTA Railing Systems, its distributors and dealers shall not be held liable for improper or unsafe installations. Posts and/or spigots must always be secured to the sub-structure and should never attach to only the surface material (i.e. deck board). Failure to follow these instructions may result in serious injury or death.

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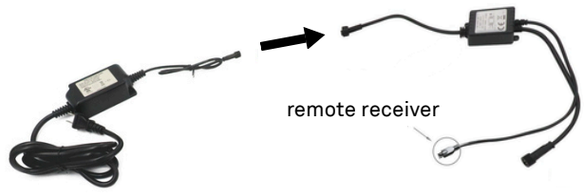
1. Lay out LED power supply transformer to be accessible to your exterior power outlet (converts 240v to 12v).



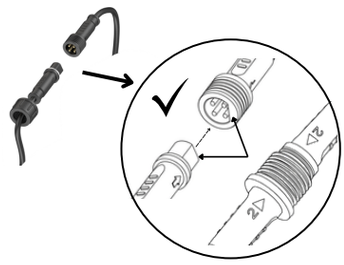
2. Connect the colour box to the LED power supply transformer, ensuring the remote control receiver is unobstructed. Your remote control will need a direct line to this for controlling LED lights.



3. Connect the main long cable with T junctions to colour box using the connector plug.



4. Ensure flat edges and arrows are aligned for proper connection.



5. Remove pressure plate (glass gasket) from each spigot.



6. For each spigot, feed the extension cable through the center hole you drilled under spigot, and up through hole in spigot.



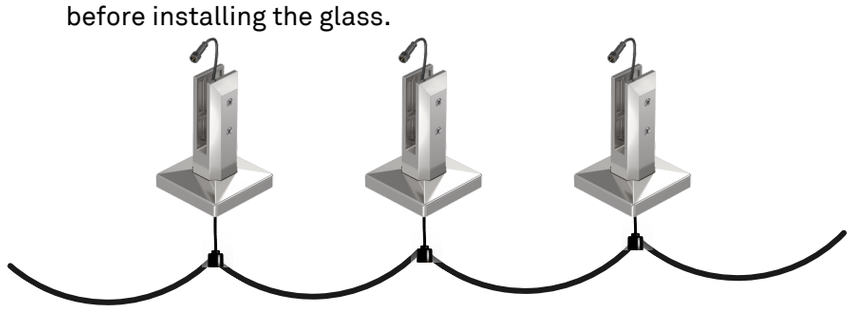
7. Attach the LED light to each extension cable you feed up through the spigot. Repeat this process for all spigots. Ensure all plug connections have the outer screw on cover fully tightened by hand only.



8. Pull LED light cable back through spigot hole until the LED light sits perfectly into the hole in spigot.



9. Under the deck, connect each extension cable to the T-junctions on the main long cable. Ensure all plug connections have the outer screw-on cover fully tightened by hand. Finally, plug it into the outlet to turn on the lights. NOTE: Test the lights before installing the glass.



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Step-by-step Instructions for LED Lights

There are two ways to control your LED lights: through the **Magic Home App** or using the **remote control.**

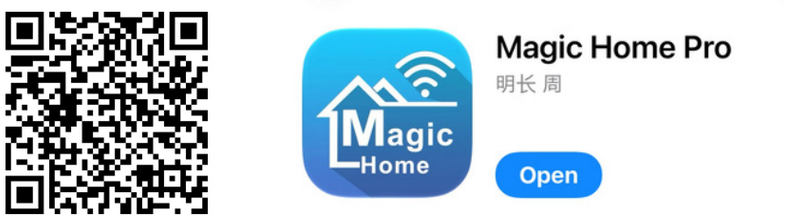
Option 1: Controlling with the app (Wi-Fi required)

Important:

- A strong Wi-Fi connection is required for the controller to work properly. If the signal is weak, we recommend using a Wi-Fi extender or a stronger router for optimal performance.
- The app will not work on public Wi-Fi networks without a password.

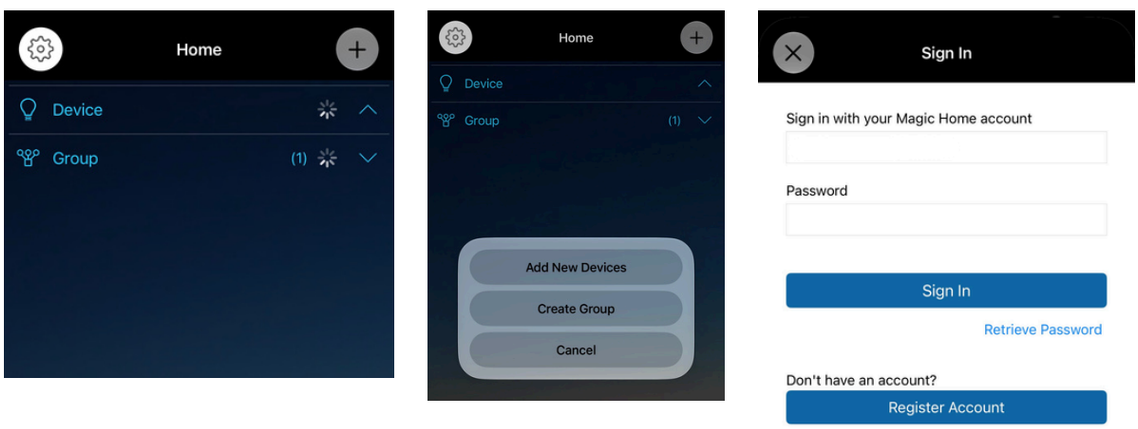
1. Download and install Magic Home app

1. Scan the QR code with your phone's camera.
2. In the App Store or Google Play, install **Magic Home.**
3. Tap **Open** once the app is installed.



2. Create an account or Sign in

1. Open **Magic Home** and **tap** the **+** sign, then select **Add New Devices.**
2. Register an account. If you already have an account, enter your email and password and tap Sign In.



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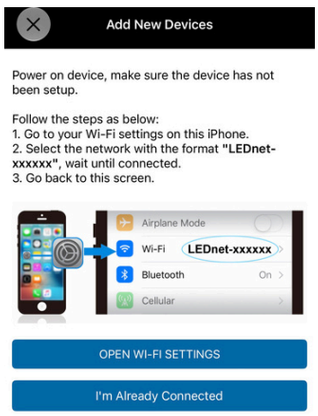
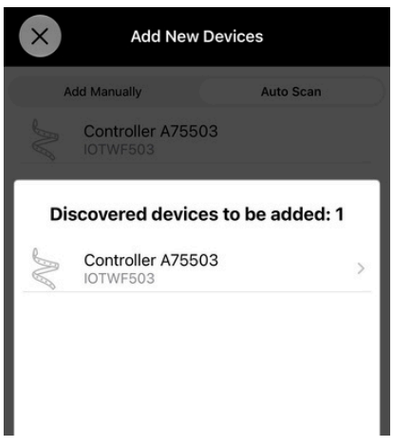
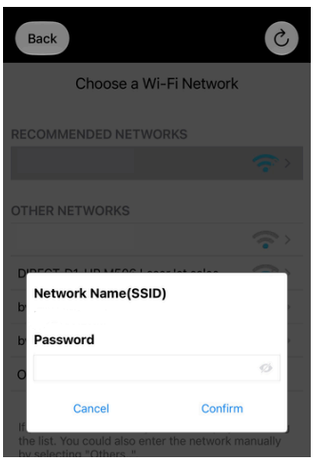
3. Connect the lights

1. Turn on your LED lights. Follow the prompts in the app, open your phone's Wi-Fi settings, select LEDnet-xxxx, and wait for your phone to connect.
2. Return to the app and tap your LED lights when they appear in the device list.
3. Select the Wi-Fi network you want your LED lights to connect to, then follow the prompts to finish setup. **You're all set. Enjoy your LED lights!**

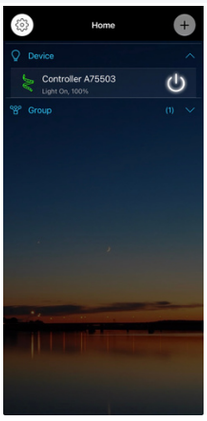






What You Can Do in the App

1. Supports 16 million color control and brightness adjustment.
2. Channels: RGB/RGBW
3. Support for customizing and saving colors.
4. Group control features.
5. Adjust the lighting timer switch function.
6. Synchronization of lighting with music rhythms.
7. Multiple lighting mode variations.
8. Remote control functionality.
9. Microphone functionality.
10. Camera feature to select background colour.





Option 2: Remote Control

Important: It is highly recommended to first set up the LED lights using the app and Wi-Fi before using the remote control. This ensures proper activation and stable functionality of the remote. The effective range of the keyboard-style remote is within 5 meters from the remote receiver.

Remote Setup Steps:



1. Turn on the power for the LED lights.
2. The red light on the LED system will start blinking.
3. Wait a few minutes until the blinking stops.
4. Once the light stops blinking, the LED lights will automatically connect to the remote control.
5. You can now use the remote to adjust brightness, change colors, and control other settings.

Keypad functions



Symbol	Key note	Symbol	Key note	Symbol	Key note	Symbol	Key note
	Brightness+		Brightness-	OFF	OFF	ON	ON
R	Static red	G	Static green	B	Static blue	W	Static white
	Static orange		Static pea green		Static dark blue	FLASH	7 color jump
	Static dark yellow		Static cyan		Static brown	STROBE	White strobe
	Static straw yellow		Static light blue		Static pink	FADE	7 color fade
	Static yellow		Static sky blue		Static purple	SMOOTH	Red, green, and blue color transition

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