

INSTALLATION INSTRUCTIONS | TLP-UB4 : RGB/RGBW Touch Panel DMX & Bluetooth Programmable Wall Mount Controller

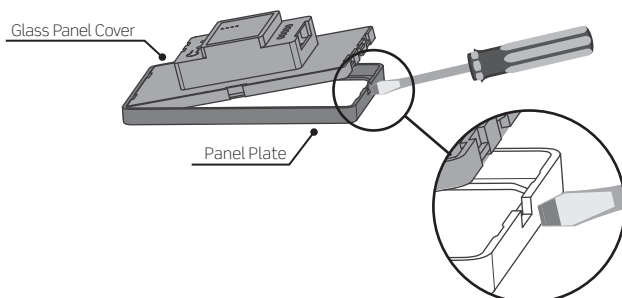
The important safeguards and instructions here are not meant to cover all possible conditions and situations that may occur.

IMPORTANT SAFETY INSTRUCTIONS:

- **WARNING: RISK OF FIRE AND ELECTROCUTION**
- **WARNING: TO AVOID FIRE, SHOCK OR DEATH,** disconnect power at circuit breaker before installing or servicing device
- **READ AND SAVE THESE INSTRUCTIONS FOR LATER USE**
- Product should be installed by an electrician
- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, consult an electrician.
- Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off at the light switch is not sufficient to prevent electrical shock.
- Use in spacious and open space; avoid metal obstructions above and in front of product.
- Use in a cool and dry environment; avoid direct contact with light and heat.
- Do not open, modify, repair or maintain products without authorization, this will void the warranty
- Product must be grounded to avoid potential electric shock and any other potential hazards as well as to ensure reliable starting
- Product must be mounted in locations and at heights and in a manner consistent with its intended use, in compliance with National Electrical Code and local codes and where it will not readily be subject to tampering by unauthorized personnel
- To prevent damage to the wiring, do not expose wiring to edges of sheet metal or other sharp objects
- Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder
- Double check all connections and screws, ensuring they are tight and correct
- Most dwellings built before 1985 have supply wire rated at 60°C
- Supply conductors (power wires) connecting the luminaire must be rated at minimum of 90°C
- Installing contrary to instructions may cause unsafe conditions
- If the product has any visible damage do not install it
- Call the Technical Support department at ConTech Lighting with any installation questions: 847.559.5500

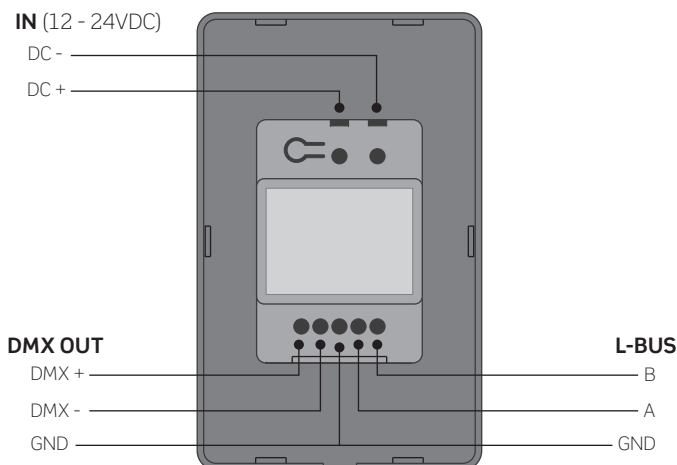
INSTALLATION PROCEDURE

1. Remove the Panel Plate with a flathead screwdriver



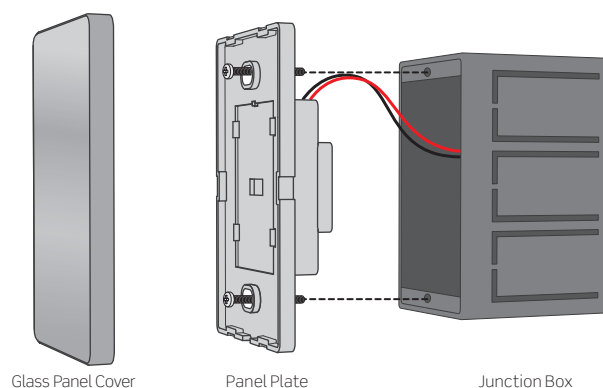
2. Attach the wires to the Panel as shown

Turn off power to the circuit at the circuit breaker or fuse box before attaching the wires.



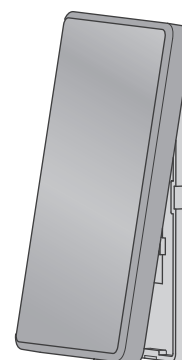
3. Install the Panel Plate

Once the wires are attached correctly, gently fold any excess wire and compress the Panel into the Junction Box. Tighten the screws to secure the Panel Plate to the Box.



3. Put the Panel Cover in place

Gently snap the panel cover onto the plate.



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INSTALLATION PROCEDURE, CONTINUED

App Operating Instructions

1. Register an Account

- Scan the QR code with your mobile phone and follow the prompts to complete the app installation.
- Open the App and log in or register an account.

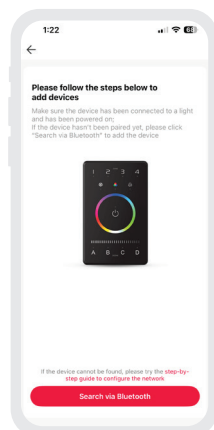
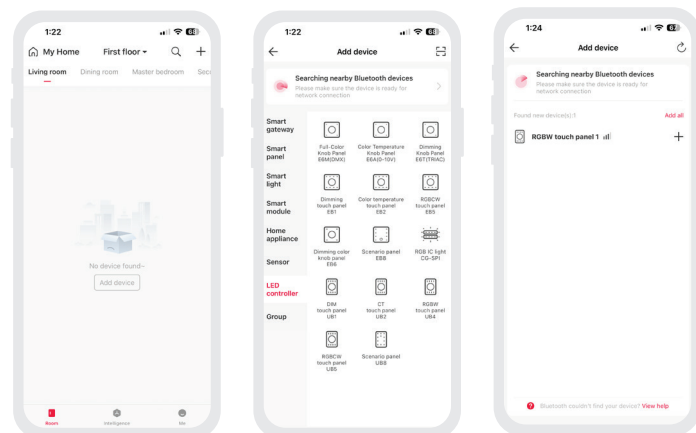


2. Pairing Instructions

- Create a Home if you are a new user
- Press the “+” icon in the upper right corner and access the “Add device” list.
- Follow the prompts to add an LED Driver first, then pick “LED Controller–Touch Panel” from the device list.
- Follow the prompts to activate the device, then click “Bluetooth search” to add the device.

2a. How to reset the device to factory defaults

- When the panel is powered on (the indicator light is white), long press Key A and Key D for 6s.
- If all the indicator lights of the panel flash several times, it means the device has been reset to factory defaults.

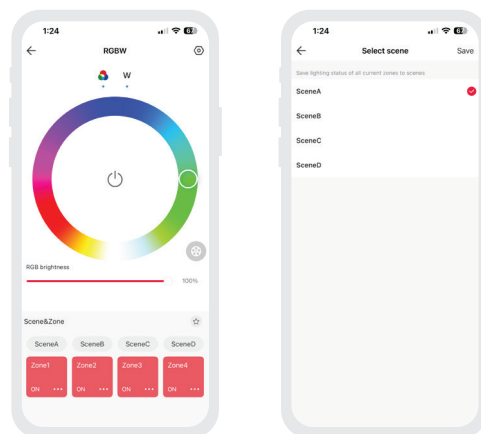


3. How to Bind Lights/Light Groups and Save Scenes

- After pairing, select the device to access the control interface. Choose the zone you want to edit. Selected zones will be highlighted in red.

3a. Writing a Scene

- After adjusting the zone lighting to appropriate status, click “Save” and follow the prompts to save zone lighting status in the scene.
- After saving, click the corresponding scene button to execute the current local lighting scene (Supports four [4] scenes).

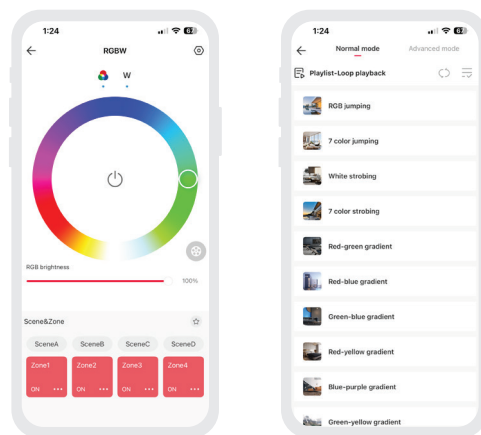


4. Normal Modes

- Select the “Mode” Icon to the lower right of the Color Wheel (Film Reel Icon) to access the preprogrammed mode interface.
- Select the desired mode to execute it. There are 12 editable normal modes in total.

5. Advanced Modes

- Select the mode to execute it
- There are eight (8) editable advanced modes in total



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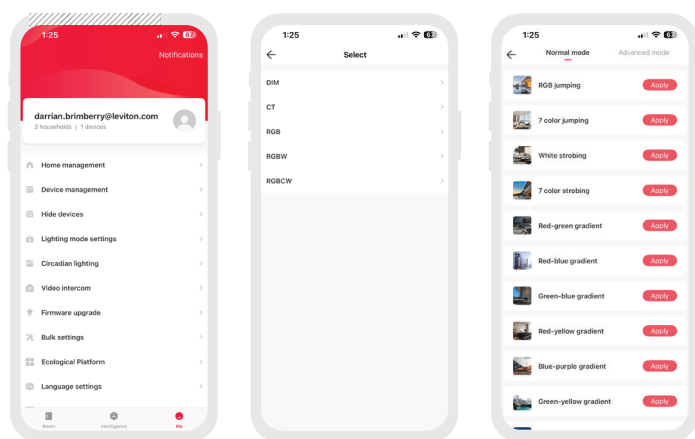
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INSTALLATION PROCEDURE, CONTINUED

App Operating Instructions, Continued

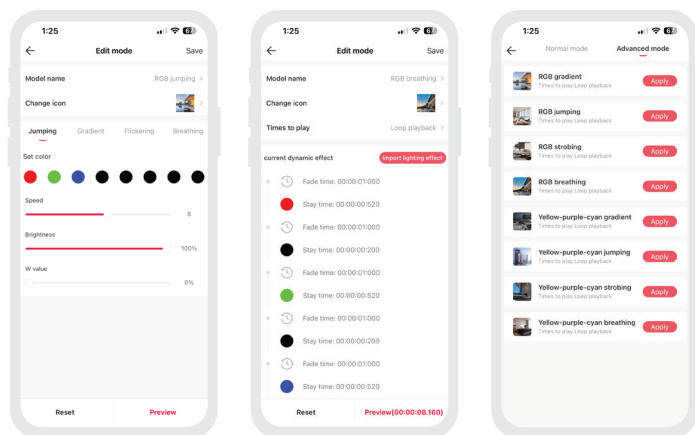
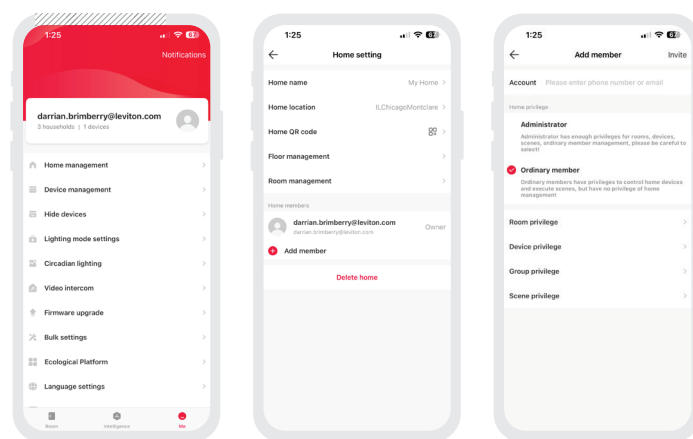
6. To Edit Modes

- Hit the back arrow to exit the control interface, and select “Me” on the bottom right of the screen. Then select “Lighting mode settings” from the list.
- After selecting the light fixture type, select the mode you wish to edit.
- When done editing, select “save” in the top right corner.



7. How to Share Control of Your Home

- The Home Sharing Mode allows easy access to control devices loaded onto the app to other users/phones.
- Switch to “Me” menu and choose “Home management”
- Select the home that you want to share and click “Add member”
- Follow the prompts to complete the home sharing



WARNINGS

- Changes or modifications to this unit are not expressly approved by the party responsible for compliance and could void the user's authority to operate the equipment.
- 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.

NOTE: 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 intended 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 communications. However, there is no guarantee that interference will not occur in a particular installation.

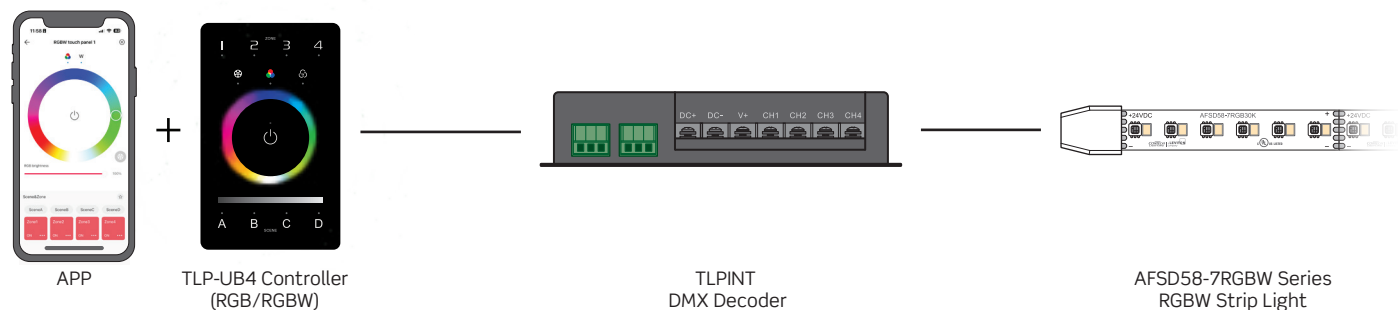
- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna
- Increase 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
- To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 7-7/8" (20cm) between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

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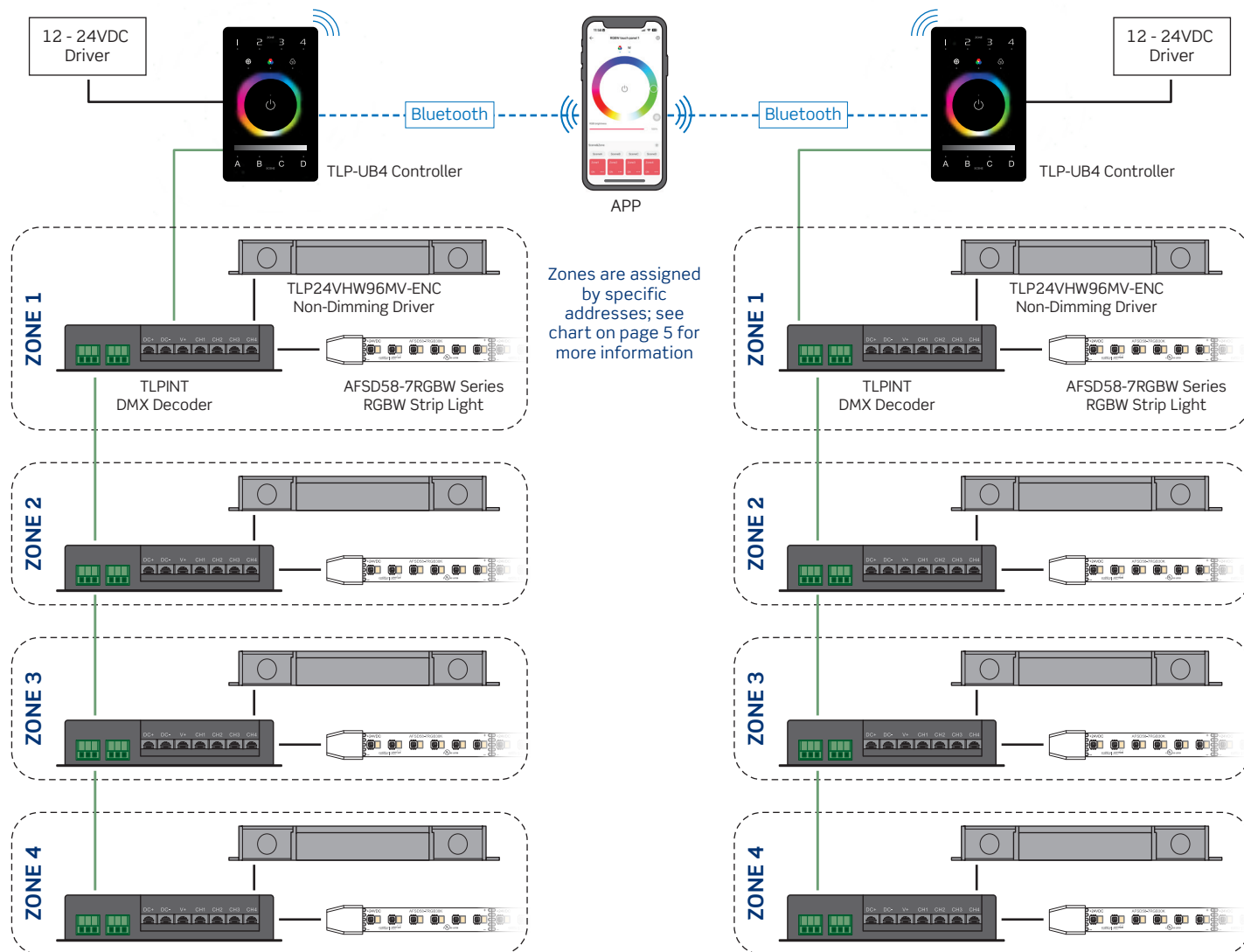
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SYSTEM LAYOUT EXAMPLES

WIRELESS + WIRED CONTROL (WITH RELIABLE AND STABLE SIGNALS)



DMX APPLICATION DIAGRAM



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DMX CHANNEL OUTPUTS

ADDRESS	RGB ZONE	RGBW ZONE
1	R1	R1
2	G1	G1
3	B1	B1
4	—	W1
5	R2	R2
6	G2	G2
7	B2	B2
8	—	W2
9	R3	R3
10	G3	G3
11	B3	B3
12	—	W3
13	R4	R4
14	G4	G4
15	B4	B4
16	—	W4
17	R1	R1
18	G1	G1
19	B1	B1
20	—	W1
...	—	...
500	—	W1
...	—	...
512	—	W4

Zone and Starting Address Guide

1	2	3	4
1	5	9	13
17	21	25	29
33	37	41	45
49	53	57	61
65	69	73	77
81	85	89	93
97	101	105	109
113	117	121	125
129	133	137	141
145	149	153	157
161	165	169	173
177	181	185	189
193	197	201	205
209	213	217	221
225	229	233	237
241	245	249	253
257	261	265	269
273	277	281	285
289	293	297	301
305	309	313	317
321	325	329	333
337	341	345	349
353	357	361	365
369	373	377	381
385	389	393	397
401	405	409	413
417	421	425	429
433	437	441	445
449	453	457	461
465	469	473	477
481	485	489	493
497	501	505	509