

SAFETY & WARNINGS

1. Install in accordance with national and local electrical code regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Do not modify or disassemble this product beyond instructions or the warranty will be void.
4. Do not submerge, or install within 5 feet of a swimming pool.
5. Only install with a Listed Class 2 DC LED driver.
6. To avoid Voltage Drop, ensure wire gauge used with LED Strip Light is sufficient to keep under 3% voltage drop.
7. DO NOT connect directly to high voltage power.
8. Only install compatible 12V and 24VDC constant voltage luminaires.
9. This product is rated for indoor installation and is not protected against moisture.
10. Failure to follow safety warnings, and installation instructions will void the warranty for this product.



QUICK SPECS / MODELS

SKU	DI-RF-REC-CV-SC
Input	12 - 24VDC Constant Voltage
Output	12 - 24VDC Constant Voltage
Max Load	12V 60W (5A), 24V 96W (4A)
Ambient Temp †	-4° - 122°F (-20° - 50°C)

† Do not install product in environment outside listed temperature.

**Note: TOUCHDIAL Receiver may only be synced/controlled by one controller at a time.*

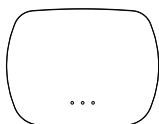
TOUCHDIAL™ Mini Receiver

INSTALLATION GUIDE

ADDITIONAL TOUCHDIAL COMPONENTS



DI-RF-REM-DIM-5
TOUCHDIAL Remote Dimmer Control



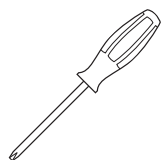
DI-WIFI-RF-TRMS
TOUCHDIAL WiFi Hub
(Additional accessory for controlling
with mobile application)

APPROVED LED LUMINAIRES

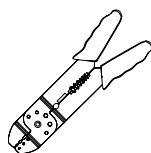
The TOUCHDIAL Mini Receiver is compatible with all Diode LED 12V and 24VDC single color constant voltage tape lights and fixtures.

TOOLS FOR INSTALL

Phillips-head
screwdriver



Wire Stripper



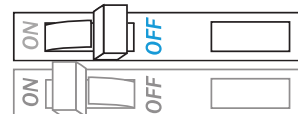
INSTALLATION

1 TURN POWER OFF AT CIRCUIT BREAKER

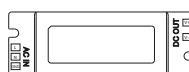


SHOCK HAZARD! May result in serious injury or death.

Turn power OFF at circuit breaker prior to installation.



2 DETERMINE LOCATION TO INSTALL COMPONENTS



LED Driver

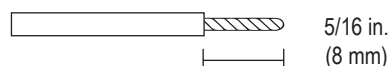


TOUCHDIAL Mini Receiver

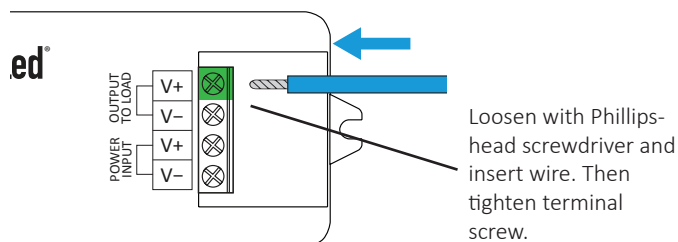


LED Luminaire

3 WIRE DRIVER & LUMINAIRE TO RECEIVER(S)



3.1 Strip wires.

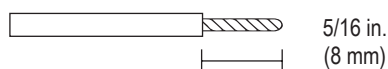


3.2 Wire Class 2 driver and LED luminaire to TOUCHDIAL Mini Receiver. See **SYSTEM DIAGRAM** for more details.

INSTALLATION (CONT.)

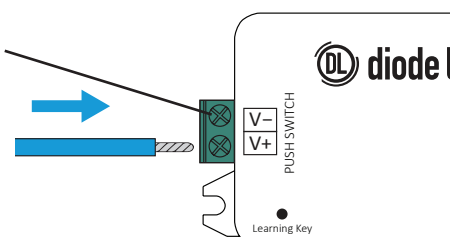
4 ADD AUXILIARY SWITCH (OPTIONAL)

An Auxiliary Switch (Push Switch) can be used to turn the TOUCHDIAL Mini Receiver On and Off manually.



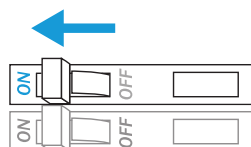
4.1 Strip wires.

Loosen with Phillips-head screwdriver and insert wire. Then tighten terminal screw.



4.2 Wire additional optional Switch to TOUCHDIAL Mini Receiver. See **SYSTEM DIAGRAM** for more details.

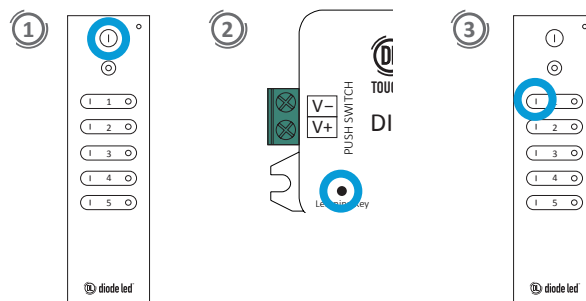
5 TURN POWER ON AT CIRCUIT BREAKER



USING A DIFFERENT CONTROLLER?

If you are using one of Diode LED's various other TOUCHDIAL Controllers and/or Remotes, please refer to the Installation Guide of the Controller for further details on synchronization.

6 SYNC TOUCHDIAL CONTROL TO RECEIVER



1. Wake up TOUCHDIAL control by short pressing On/Off button.
2. Short press LEARNING KEY button on TOUCHDIAL Mini Receiver.
3. Short press any zone button on control.

Luminaire will flash to indicate pairing.

The same syncing instructions apply when utilizing other TOUCHDIAL remote controls or mobile app. See TOUCHDIAL control installation guide (e.g. Remote or WiFi Hub) for more thorough pairing instructions.

Ensure that all Receivers are located within 95 feet of the Remote.

To expand your installation to a multi-zone system, repeat the syncing process using the other Zone buttons.

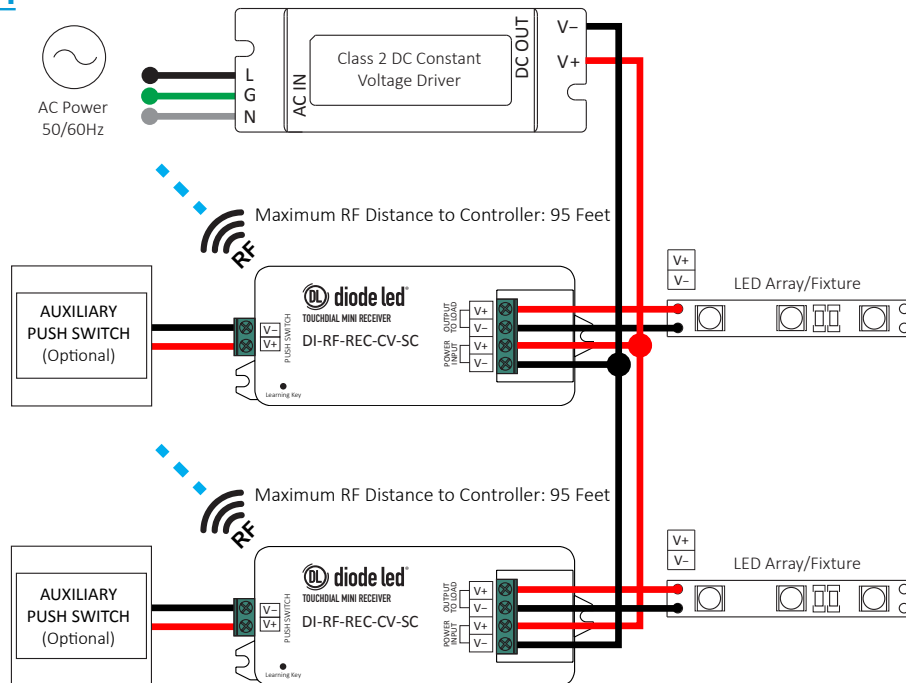
HOW TO RESET TOUCHDIAL RECEIVER

If receiver is not operating or pairing correctly with control it may be necessary to turn power off/on and then reset the receiver. To reset, hold down the LEARNING KEY button for 5 seconds until LED flashes.

TOUCHDIAL™ Mini Receiver

INSTALLATION GUIDE

SYSTEM DIAGRAM



TROUBLESHOOTING

Prior to troubleshooting, turn power OFF at circuit breaker and verify all connections.

Symptom	Common Cause
Luminaire does not illuminate	<ul style="list-style-type: none">• Incorrect wiring.• Polarity of Low Voltage V+ and V- are reversed.• Circuit breaker is OFF or tripped.• Incorrect voltage pairing of dimmer and luminaire. 12V drivers models will not power a luminaire with a higher voltage rating.
Receiver does not sync with control	<ul style="list-style-type: none">• Attempt the following: 1) Turn off main power to receiver and turn back on. 2) Reset receiver by holding LEARNING KEY for 5 seconds until LED flashes. 3) Re-sync receiver to control.
Luminaire heats up excessively	<ul style="list-style-type: none">• Incorrect voltage pairing of driver and luminaire. Do not attach a 12V luminaire to a 24V driver.• Luminaire is not compatible.• Refer to luminaire install guide warnings and safety tips.

ADDITIONAL RESOURCES

TOUCHDIAL MINI RECEIVER SPEC SHEET

For full specifications.

LED TAPE LIGHT SHEET & INSTALL GUIDE

For full specifications and installation instructions.

TOUCHDIAL REMOTE SPEC SHEET & INSTALL GUIDE

For full specifications and installation instructions.

TOUCHDIAL WIFI HUB SPEC SHEET & INSTALL GUIDE

For full specifications and installation instructions.



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