diode led®

TOUCHDIAL™ Mobile App

OPERATION GUIDE

DIMMABLE · ADJUSTABLE KELVIN · COLOR-CHANGING

TABLE OF CONTENTS

1. CONNECT MOBILE DEVICE TO TOUCHDIAL™ WIFI HUB

CHOOSE OPTION 1.1 OR 1.2 TO CONNECT MOBILE DEVICE TO TOUCHDIAL WiFi Hub.

Before connecting mobile device to TOUCHDIAL WiFi Hub, install TOUCHDIAL Receiver and TOUCHDIAL WiFi Hub. See following Installation Guides:

- TOUCHDIAL Receiver Installation Guide
- TOUCHDIAL WiFi Hub Installation Guide

1.1 CONNECT MOBILE DEVICE TO HOME WIFI NETWORK (PREFERRED)

This option allows user to control lights while connected to home WiFi network. Requires Network Router.

a. Power TOUCHDIAL WiFi Hub with included 12VDC Adapter.
b. Connect TOUCHDIAL WiFi Hub to Network Router with included CAT5 Ethernet cable.
c. Go to WiFi settings in mobile device.
d. Connect to home WiFi network that is connected to TOUCHDIAL WiFi Hub via Ethernet cable.

*CAT5 /RJ45 Cable

*12VDC Adapter

RF

Smart Device
Not sold by Diode LED.
Compatiible with Solid Color,
K-RANGE, & RGB(W) luminaires.

Network Router
Not sold by Diode LED.

TOUCHDIAL WiFI Hub
(*CAT5 Cable & 12VDC Adapter
included with WiFi Hub).
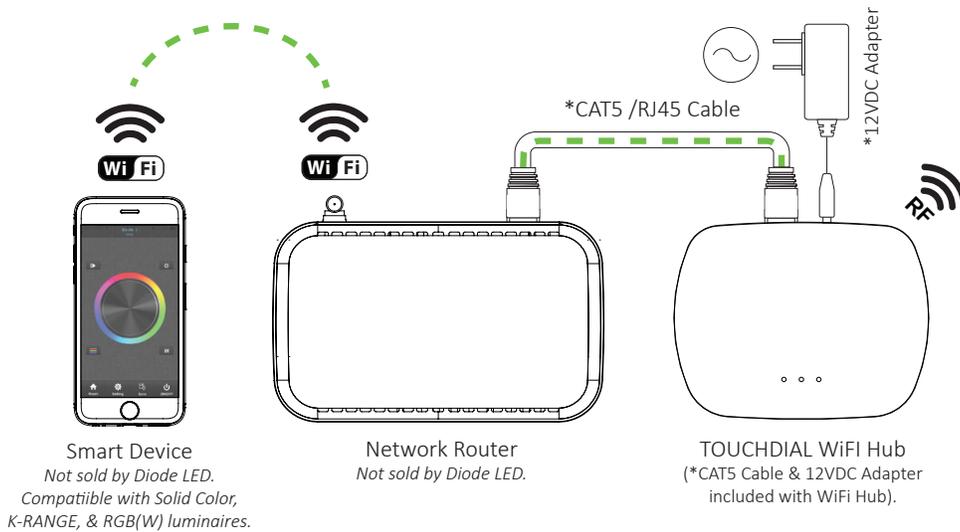
1.2 CONNECT MOBILE DEVICE DIRECTLY TO TOUCHDIAL WIFI HUB

This option allows user to control lights with mobile device when home network router is unavailable.

a. Power TOUCHDIAL WiFi Hub with included 12VDC Adapter.
a. Go to WiFi settings in mobile device.
b. Connect to network 'Easyltng_**'

** indicates different numeric values for each WiFi Hub.

*12VDC Adapter

RF

Smart Device
Not sold by Diode LED.
Compatiible with Solid Color,
K-RANGE, & RGB(W) luminaires.

TOUCHDIAL WiFI Hub
CAT5 Cable Not Required.
(*CAT5 Cable & 12VDC Adapter
included with WiFi Hub)
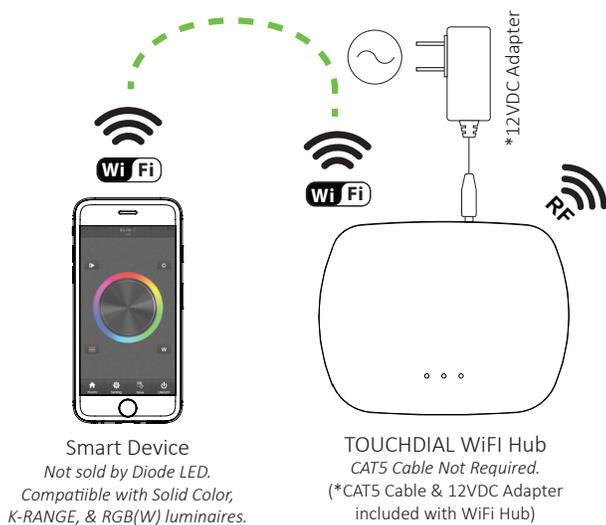
2. PAIR MOBILE APP TO TOUCHDIAL RECEIVER

a. Download mobile application:

iOS App Store
Search 'TOUCHDIAL' and download application.
Compatibility: Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod Touch.

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Google Play App Store
Search 'TOUCHDIAL' and download application.

TOUCHDIAL™
Elemental LED, INC.

b. Open TOUCHDIAL app and select ROOM.
c. Select a zone (ex. Bedroom) and a green checkmark will appear.
d. Select ROOM again to open Color Wheel.
e. Press LEARNING KEY on TOUCHDIAL Receiver (ensure receiver is set to MASTER function).
f. Scroll color wheel and luminaire will flash to indicate pairing.
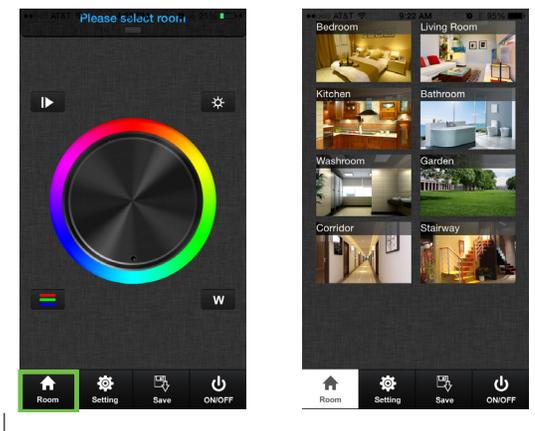
b.

c.
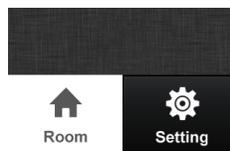
d.
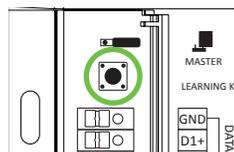
e.

f.

3. FUNCTIONALITY

3.1 COLOR WHEEL
There are 4 controllers to adjust output of different luminaire types.

RGB(W)   3-CH K-RANGE

2-CH K-RANGE   SOLID COLOR DIMMING

To change controller:

a. iOS - Tap wheel 3 times.
   Android - Tap wheel 2 times.
   Then choose new color wheel.

b. Select edges and drag to new color wheel.

A. FINE TUNER
Featured in RGB(W) & 3-CH K-RANGE controllers.

	047
	147
	255

	000
	000
	000

The Fine Tuner allows user to manually mix 3 colors between 0-255 brightness levels to achieve a preferred color.

The TOUCHDIAL Receiver may already have an existing color programmed and must be cleared before tuning in a new color. To clear an existing color, move each color slider bar between 1-255 and then back to 0. The luminaire will now be off and the receiver is cleared.

B. MASTER DIMMER
Featured in RGB(W), 2-CH & 3-CH K-RANGE controllers.

100% Brightness
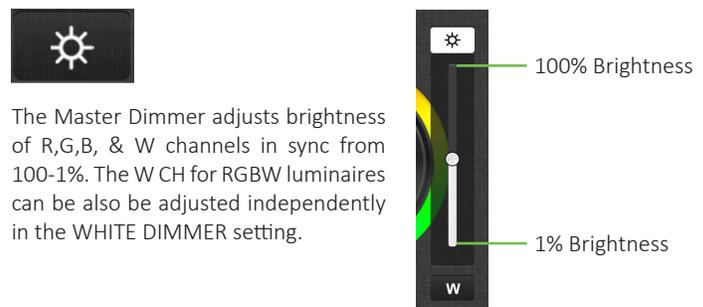
1% Brightness

The Master Dimmer adjusts brightness of R,G,B, & W channels in sync from 100-1%. The W CH for RGBW luminaires can be also be adjusted independently in the WHITE DIMMER setting.

3. FUNCTIONALITY CONT.

C. WHITE DIMMER
Featured in RGB(W) controller.

The White Dimmer adjusts brightness of W channel from 100-0%.

Hold W to also turn ON/OFF when not in dimmer interface.

100% Brightness

0% Brightness
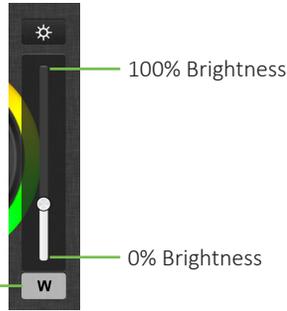
D. DYNAMIC MODE
Featured in RGB(W), & 3-CH K-RANGE controllers.

There are 10 Dynamic Modes. Press Play to run 1st mode. Press again to pause. Press again to switch to next mode.

Play, Pause, Next

LightSound

Fastest Speed

Slowest Speed
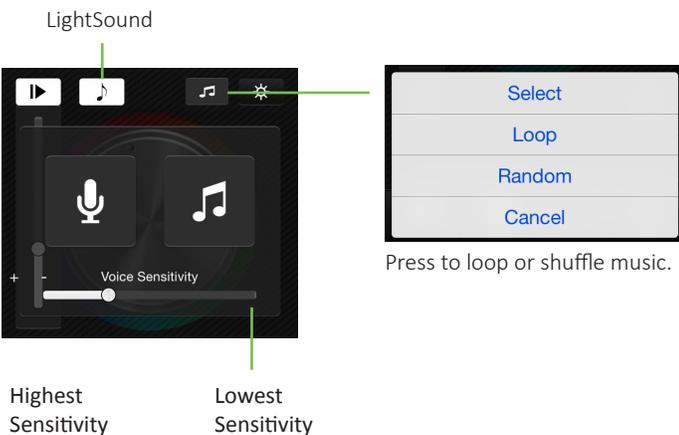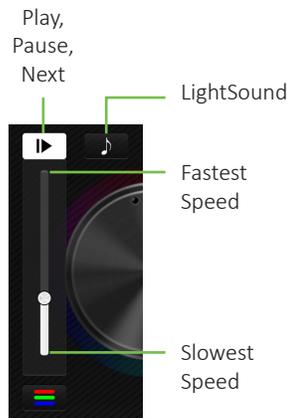
LightSound

Press to loop or shuffle music.

Select
Loop
Random
Cancel

Highest Sensitivity

Lowest Sensitivity

LightSound synchronizes LED lights to sounds and music. LED lights will flash in various patterns when LightSound is turned on. Sync LED lights to microphone or music stored on your mobile device.

3.2 ROOM

Short press to select/deselect zone.

Long press to turn zone ON/OFF.

3.3 SETTING
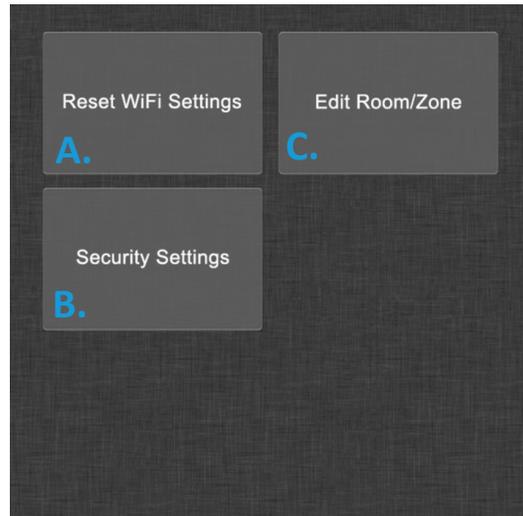
A. RESET WIFI SETTINGS
For use only when mobile device is directly connected to TOUCHDIAL WIFI HUB.

To reset WiFi settings to factory default:

a. Go to mobile device WiFi settings. Search and connect to 'TOUCHDIAL WIFI Hub Wireless Network'.
b. Open TOUCHDIAL app and press 'Setting'.
c. Press 'Reset WiFi Settings'.
d. Press 'Yes'.

B. SECURITY SETTINGS
For use only when mobile device is directly connected to TOUCHDIAL WIFI HUB.

Use to change WiFi Network password and SSID Name.

FUNCTIONALITY CONT.

3.3 SETTING CONT.

Setting

C. EDIT ROOM INFORMATION
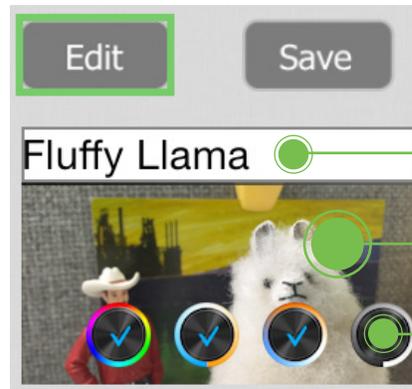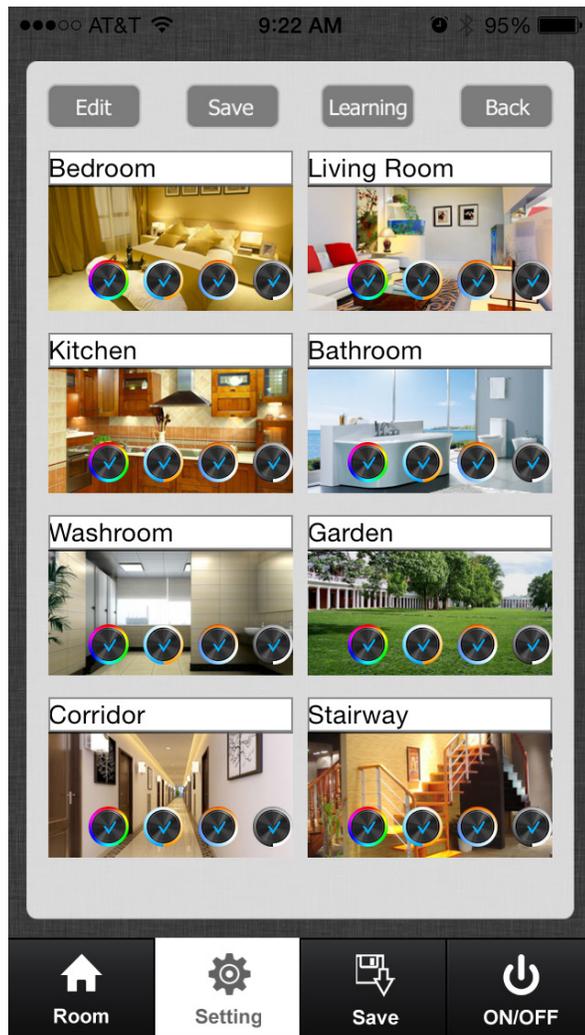
Zone Name

Zone Picture
(Use camera to replace zone picture)

Color Wheel
Select/deselect color wheel control)

In Edit Mode, press where green dots indicate to change Zone Name, Zone Picture, and Color Wheel type. Press 'Save' to save settings.

Note: Once editing is complete, multiple zones can only be controlled simultaneously if the same color wheel has been chosen for each zone.

Pairing Without Access to TOUCHDIAL Receiver
Follow these instructions to pair mobile device to TOUCHDIAL Receiver if receiver is not in an accessible location.

The following steps must be performed within 15 seconds after TOUCHDIAL Receiver is powered on.

If it's required to pair each receiver to a separate zone then each receiver must be on a dedicated circuit or all receivers on the circuit will pair to the selected zone.

a. Open ROOM menu at bottom-left of screen. Choose room (green checkmark).
b. Open SETTINGS menu and select 'Edit Room Information'.
c. Turn main power of TOUCHDIAL receiver off, then back on.
d. Short press LEARNING as shown below and lights will blink.
e. Open COLOR WHEEL and scroll wheel to finish pairing.

Reset Learning ID Without Access to TOUCHDIAL Receiver
a. Turn main power of TOUCHDIAL receiver off, then back on.
b. Long press LEARNING for 5+ seconds until attached LED luminaire flashes.

4. ADDITIONAL RESOURCES

Visit the product web page at www.DiodeLED.com for additional product specifications & warranty information.

TOUCHDIAL RGB/RGBW 4-ZONE REMOTE CONTROL SPECIFICATION SHEET
For full specifications.

TOUCHDIAL RECEIVER SPECIFICATION SHEET & INSTALLATION GUIDE
For full specifications and installation instructions.

TOUCHDIAL WIFI HUB SPECIFICATION SHEET & INSTALLATION GUIDE
For full specifications and installation instructions.