Installation Instructions for **RGBW Touch Controller**

IMPORTANT INFORMATION

- This instruction shows a typical installation.
- This product mounts to a deep single gang box.
- This product works with any DMX controller.
- This product must be installed by a qualified electrician.
- Ensure that the cables are secured tightly in the connector.
- Check if the output voltage of any LED power supplies used comply with the working voltage of the product.

SAVE THESE INSTRUCTIONS!


Install the Controller

A

CONTROLLER POWER ADAPTER

120 NEUTRAL

120 HOT

2.5" DEEP SINGLE GANG BOX

WALL
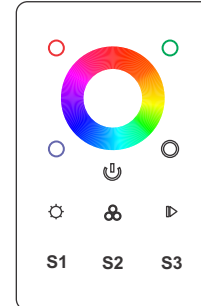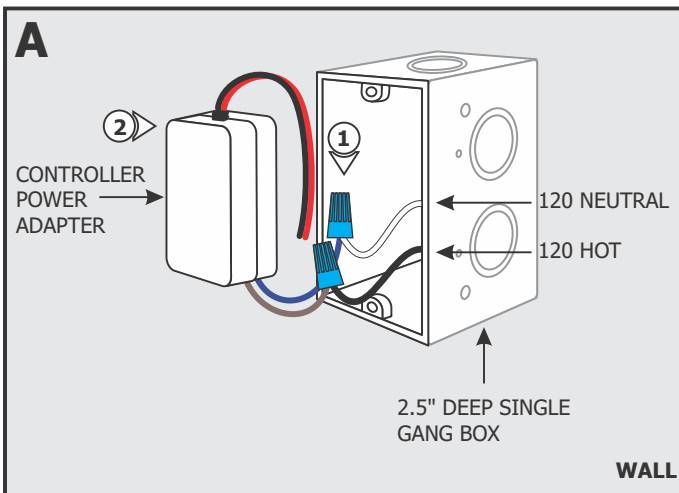
NOTE: Before beginning any electrical work, ensure that power to the electrical box is turned off.

1: Connect the brown and blue wires of the controller power adapter to the 120 volt hot and neutral wires with wire nuts respectively.

**2:** Place the controller power adapter inside the deep single gang box.

B

RGBW TOUCH CONTROLLER

FLAT HEAD SCREW DRIVER

FACE PLATE

TAB
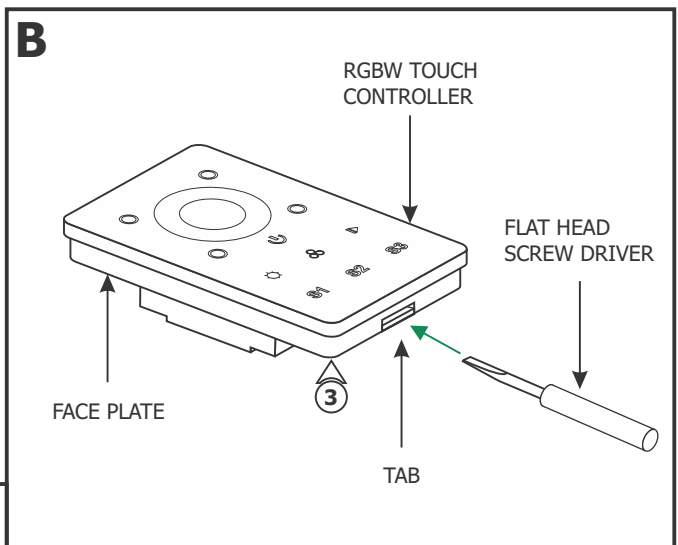
3: Pry the face plate of the RGBW Touch Controller using a flat head screw driver.

C

CONTROLLER →

GANG BOX

CONTROLLER POWER ADAPTER

⑤ ⑥

| V- | V+ | D- | D+ | GND |

④
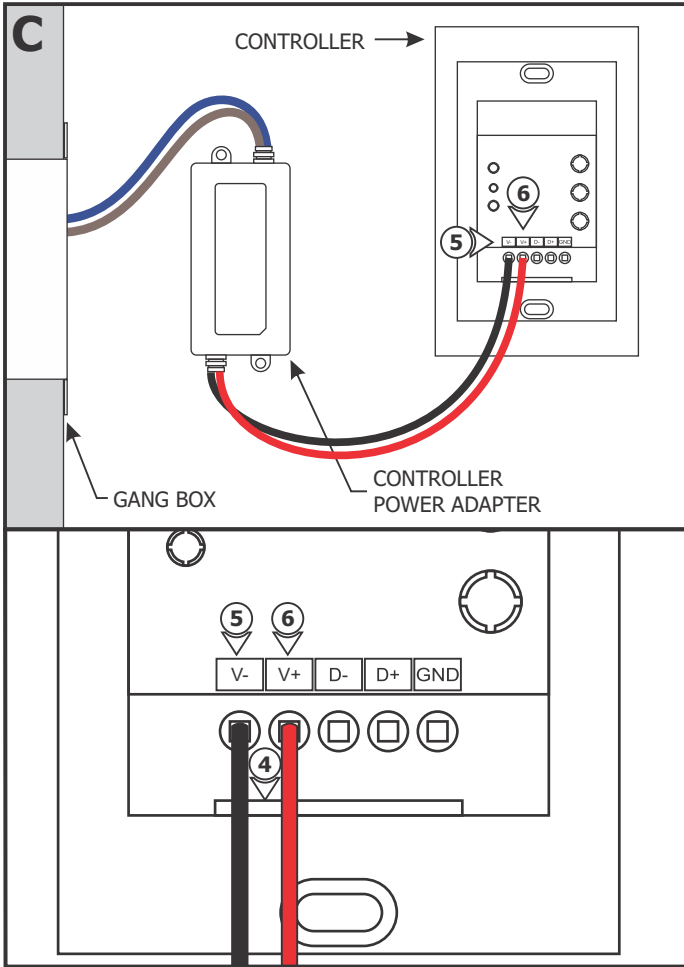
4: Loosen the screws under the "V-" and "V+" terminals of the controller with a flat head screw driver.

5: Insert the black wire of the controller power adapter into the "V-" terminal and tighten the screw.

6: Insert the red wire of the controller power adapter into the "V+" terminal and tighten the screw.

D

CONTROLLER POWER ADAPTER

CONTROLLER

⑨

⑧ ⑩

GANG BOX

DMX CABLE (BELDEN #9841)

⑧ ⑨ ⑩

| V- | V+ | D- | D+ | GND |

⑦
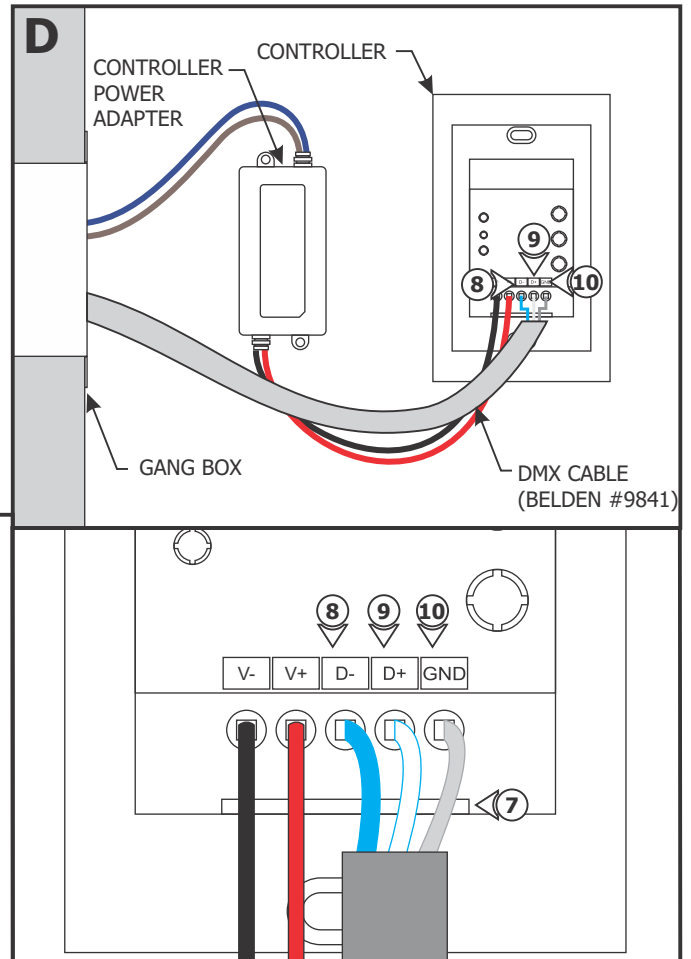
7: Loosen the screws under the "D-," "D+" and "GND" terminals of the controller with a flat head screw driver.

8: Insert one data wire (blue with white stripes wire) into the "D-" terminal and tighten the screw.

9: Insert the second data wire (white with blue stripes wire) into the "D+" terminal and tighten the screw.

10: Insert the third data wire (bare shield wire) into the "GND" terminal and tighten the screw.

11: Refer to the instructions with the DMX power supply to connect the DMX wires completing the installation. See the wiring diagram on page 4.
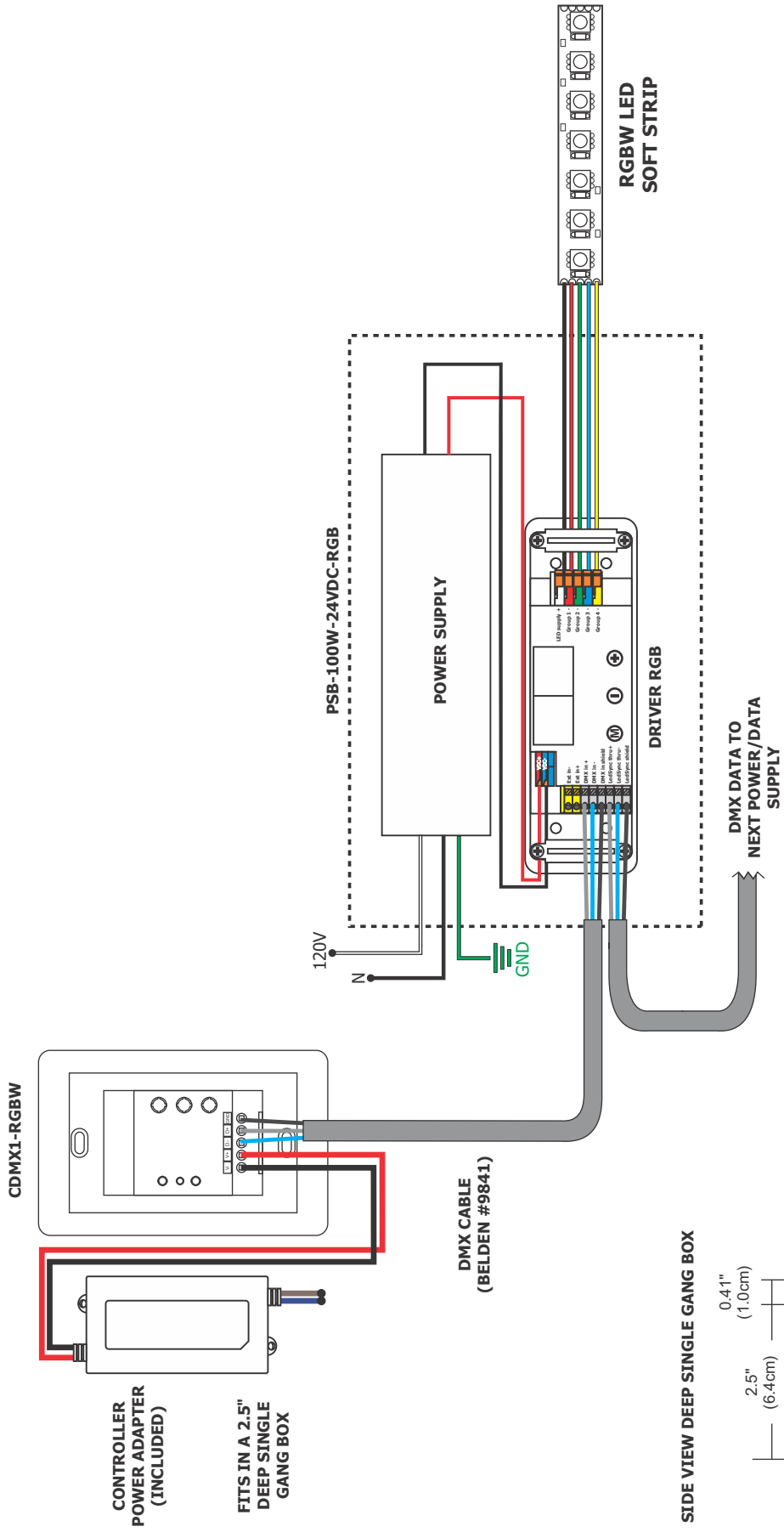
2

E
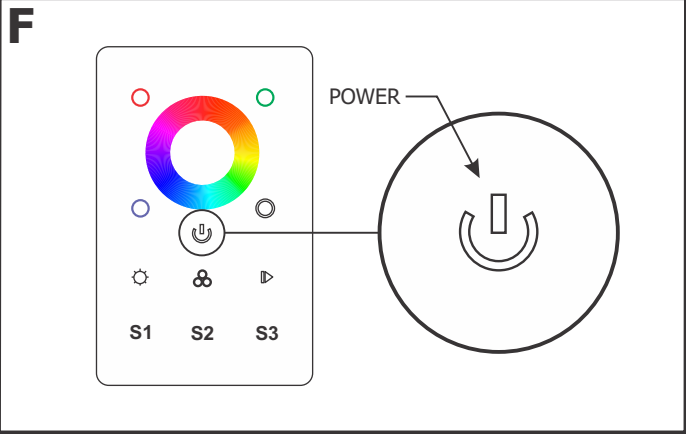
INTERFACE   FACEPLATE   2.5" DEEP SINGLE GANG BOX
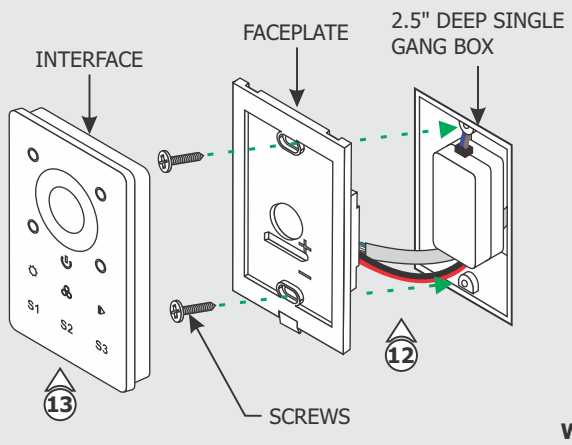
SCREWS

WALL

12: Align the face plate with the deep single gang box and secure using the supplied screws.

13: Align the interface with the face plate and press to secure into place.

CDMX1-RGBW WIRING DIAGRAM

RGBW LED
SOFT STRIP

PSB-100W~24VDC-RGB

POWER SUPPLY

DRIVER RGB

LED supply +
Group 1
Group 2
Group 3
Group 4

Ext in-
Ext in+
DMX in+
DMX in-
DMX in shield
LedSync thru+
LedSync thru-
LedSync shield

120V

N

GND

DMX DATA TO
NEXT POWER/DATA
SUPPLY

CDMX1-RGBW

CONTROLLER
POWER ADAPTER
(INCLUDED)

FITS IN A 2.5"
DEEP SINGLE
GANG BOX

DMX CABLE
(BELDEN #9841)

SIDE VIEW DEEP SINGLE GANG BOX

4.72"
(12cm)

0.41"
(1.0cm)

2.5"
(6.4cm)

3.87
(9.8cm)

4

Operational Guide

F

POWER

S1   S2   S3

NOTE: The controller is a soft action device, expect two seconds response time.

1: Press the Power button to turn the device on and off.

**G**

RED

GREEN

BLUE

WHITE

S1   S2   S3

2: Press the Red, Green, Blue, or White (this does not apply for RGB) button to turn each color on and off independently or together.

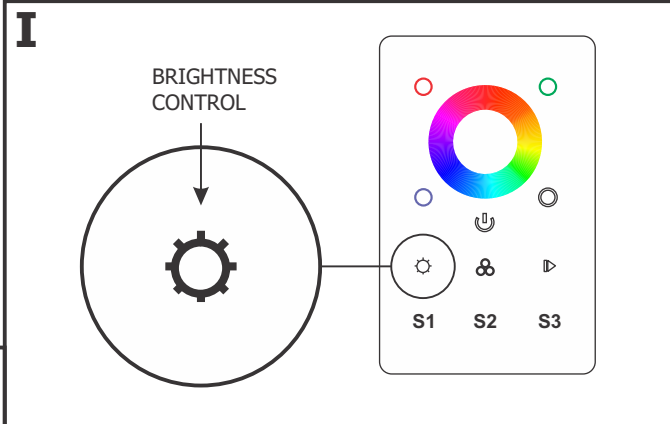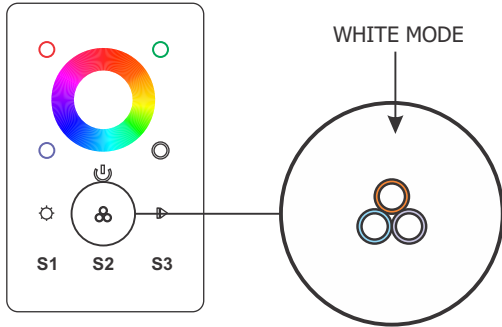**3:** To adjust the brightness of each color, press and hold the color button.

H

S1   S2   S3
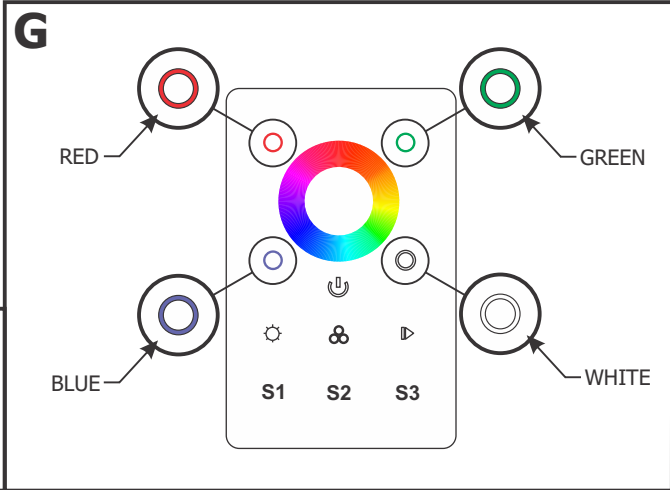
WHITE   COLOR WHEEL

4: Scroll through the color wheel to set a specific color.

5: Add white color to the color mix if necessary (only RGBW).

I

BRIGHTNESS CONTROL

S1   S2   S3
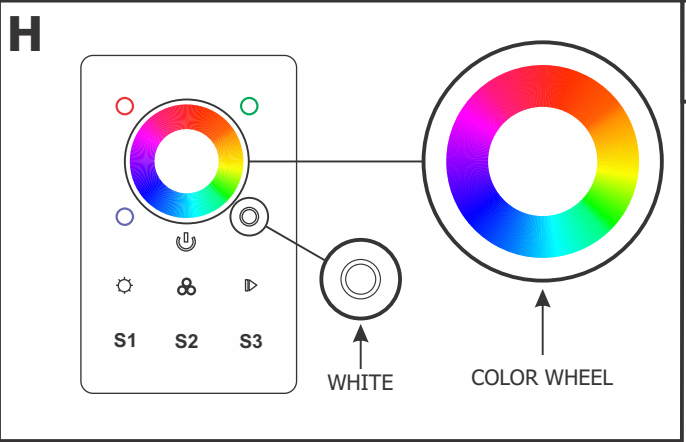
6: Press and hold the Brightness Control button to dim down or dim up the color mix.

J

WHITE MODE

S1   S2   S3

7: For RGB only, choose one of the three settings of warm, neutral and cool white by pressing the white mode button repeatedly.

8: Choose additional white by pressing the white button (only RGBW).

K

DYNAMIC MODE

S1   S2   S3

9: Press the Dynamic Mode button for a preset show mode. Once the mode is desired then press again to hold that mode.

10: Press and hold the Dynamic Mode button to adjust the speed of the colors changing.

L

SAVE COLOR CONTROL

S1   S2   S3
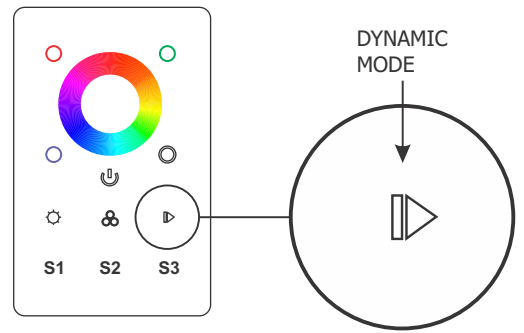
11: Press and hold S1, S2, or S3 for over two seconds to save settings.

12: Tap once to activate the saved setting.