COLOR TOUCH SCREEN CONTROLLER (CTP)
OPERATIONAL GUIDE

PURE EDGE
LIGHTING

Color Touch Screen Controller with Power Supply: Programmable DMX lighting controller for RGB fixtures. Lighting effects can be accessed and modified with the touch sensitive screen. Built in clock and calendar allows scheduled events to trigger custom lighting effects. Comes ready to mount onto a standard U.S. single gang switch box or two gang wall box. A 9VDC Power Adapter is included and fits discreetly inside the Junction Box behind the controller.

**Compatible With:** Remote Dynamic Color Changing Power Supplies with DMX.

A A Blue LED is used to indicate wheather the unit is on or off.

B Buttons 1-8 are used to select individual scenes. Scenes can be static or dynamic. Double pressing buttons 1-8 will reset the Dimmer, Speed, and Color to default.

C Used to cycle between 25 different pages (A, B, C, D, E x5). In combination with buttons 1-8, 200 different scenes can be stored.

D The select button allows you to cycle through the Dimmer, Speed, and Color fader controls. The fader at the bottom of the unit is used to select the intensity of the Dimmer, Speed, and Color settings.

E The green LED indicates that the Dimmer, Speed, and Color settings on the STICK are set to default. If the fader is moved to the right or left of the default (green), one of the 8 blue LED's will indicate your current intensity level.

F The colorized fader offers a direct access to basic colors with a simple touch.

EDGE LIGHTING

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CTP

904-CTP

Installation Instructions for **CTP Color Touch Screen Controller with Power Supply**

IMPORTANT INFORMATION

- This instruction shows a typical installation.
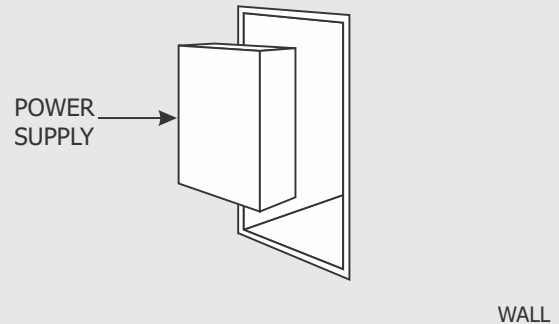.

SAVE THESE INSTRUCTIONS!
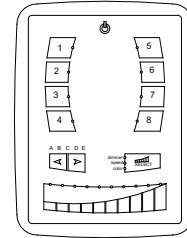
Installing CTP Panel

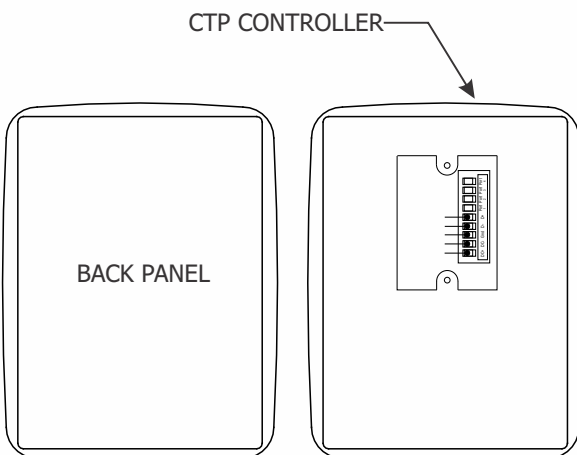**A**
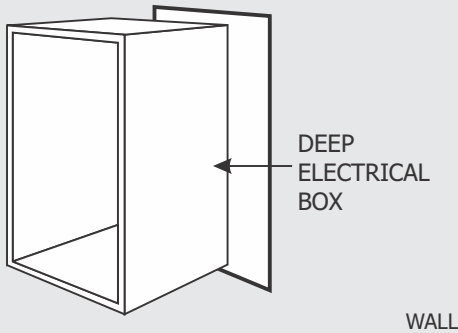
DEEP
ELECTRICAL
BOX

WALL

1: On the selected wall, install deep double gang boxes to fit the controller and controller power supply (OT-20-120-240-245 recommended).

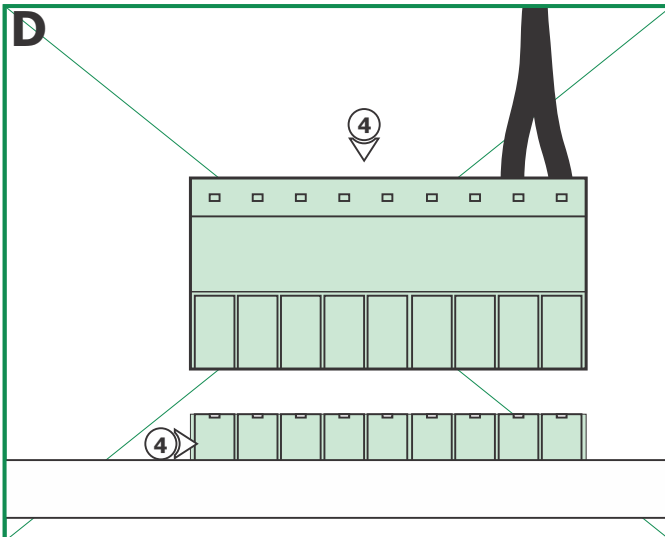**2:** On the selected wall, install deep double gang boxes to fit the controller and controller power supply (OT-20-120-240-245 recommended).

B

POWER SUPPLY

WALL

C

CTP CONTROLLER

BACK PANEL

3: Remove the back panel of the CTP controller to attach power supply and DMX controller cables.
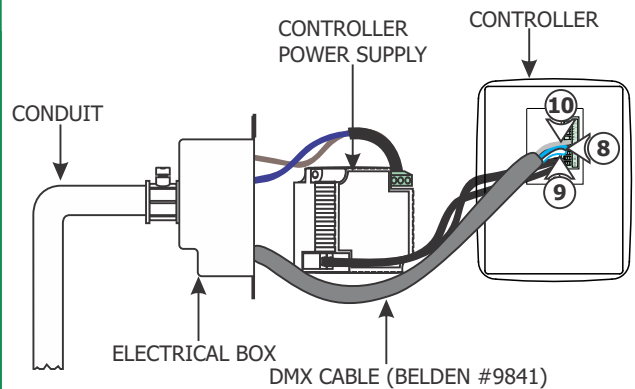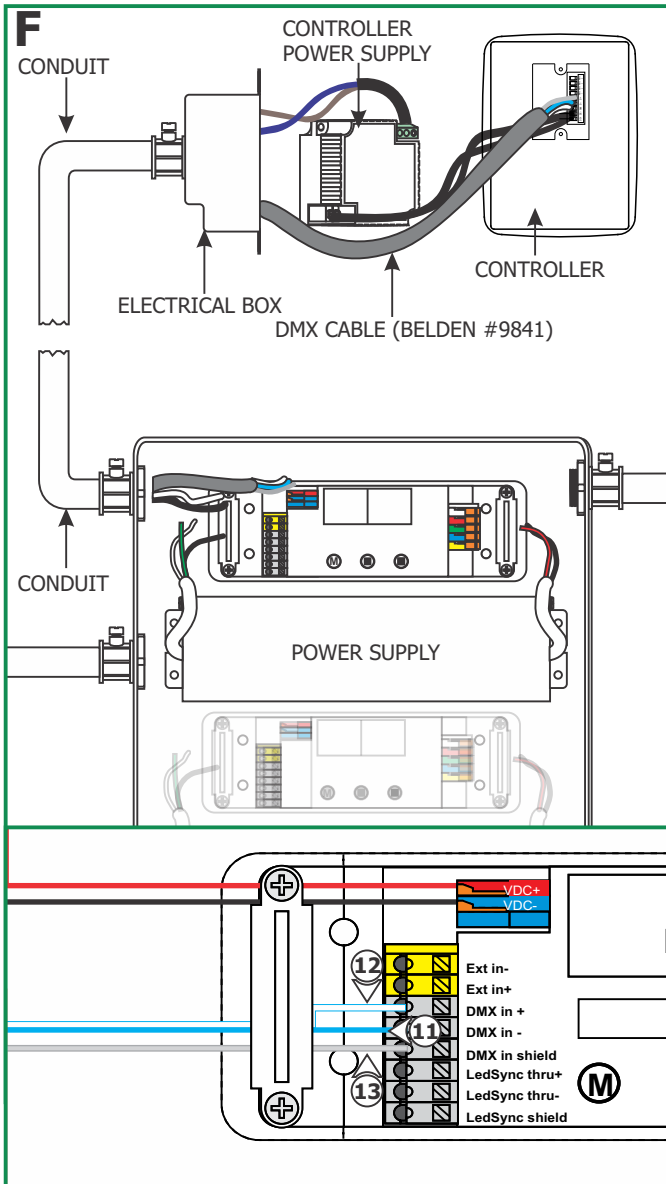
D

4: Connect light green 9 pin power supply header to corresponding 9-Pin green port on the back of CTP module.

5: Splice 120VAC power supply input cable and run blue and brown line voltage wires through conduit to line and neutral wires in wall.

6: Connect blue wire to neutral wire in wall

7: Connect brown wire to line wire in wall

CONTROLLER

CONDUIT

CONTROLLER POWER SUPPLY

ELECTRICAL BOX
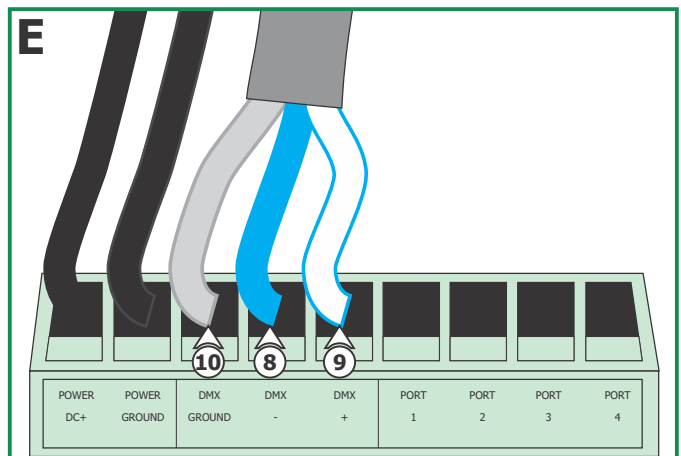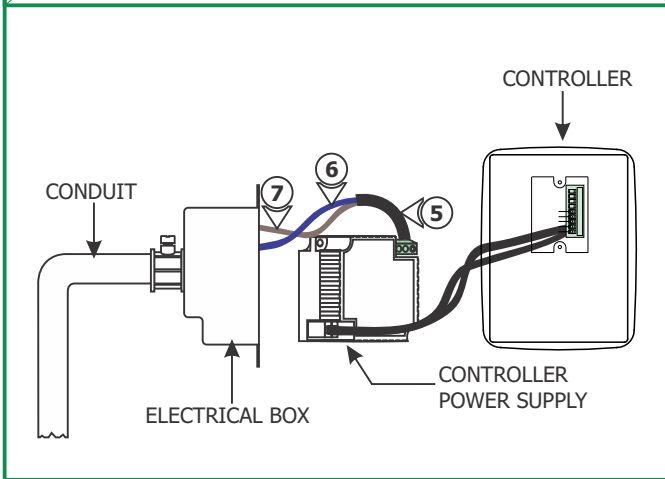
NOTE: Check pin configurations. Applying power to the DMX input will damage the controller.

8: Connect one end of a data wire (blue with white stripes wire) to controller "DMX–" terminal.

9: Connect one end of a data wire (white with blue stripes wire) to controller "DMX+" terminal.

10: Connect one end of a data wire (bare shield wire) to controller "DMX GROUND" terminal.

E

POWER DC+	POWER GROUND	DMX GROUND	DMX −	DMX +	PORT 1	PORT 2	PORT 3	PORT 4

CONTROLLER POWER SUPPLY

CONTROLLER

CONDUIT

ELECTRICAL BOX

DMX CABLE (BELDEN #9841)

F

CONDUIT

CONTROLLER POWER SUPPLY

CONTROLLER

ELECTRICAL BOX

DMX CABLE (BELDEN #9841)

CONDUIT

POWER SUPPLY

VDC+
VDC-

12 Ext in-
Ext in+
DMX in +
11 DMX in -
DMX in shield
LedSync thru+
13 LedSync thru-
LedSync shield

(M)

**NOTE:** "DMX in+", "DMX in-", "EXT in+" & "EXT in-", controller terminals are not used on controller.

11: Connect one end of a data wire (blue with white stripes wire) to controller "LEDSYNC OUT–" terminal. Connect the other end into the DVR-RGB-60 "DMX in –" terminal.

12: Connect one end of a data wire (white with blue stripes wire) to controller "LEDSYNC OUT+" terminal. Connect the other end into the DVR-RGB-60 "DMX in +" terminal.

13: Connect one end of a data wire (bare shield wire) to controller "LEDSYNC SHIELD" terminal. Connect the other end into the DVR-RGB-60 "DMX in shield" terminal.

14: Run the line voltage power wires into the power supply.

15: Connect the hot power wire to black power supply wire and black wire coming from the controller power supply with a wire nut.

16: Connect the neutral power wire to white power supply wire and white wire coming from the controller power supply with a wire nut.

17: Make sure the green transformer wire is grounded in accordance with local electrical codes.

G

15

16

CONDUIT

17
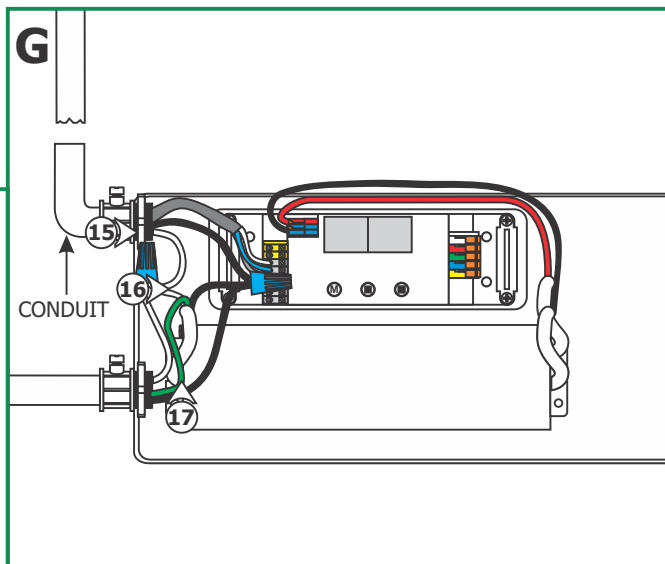
H

NOTE: CTP controller uses "ESA-PRO" software on CD.

18: Reference provided CD for CTP software and instructions on programming the controller.