SPECIFICATION
RGB MINI
RS-232 SERIAL CONTROLLER

PROJECT	DATE
TYPE	QTY

epiXsky *experience light*

EPIX RGB MINI controls RGB products such as our flexible LED strip lighting for cove and edge lighting or specialty lighting such as independent pendant or chandelier control.

RGB MINI
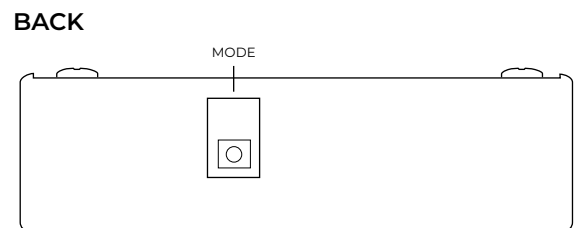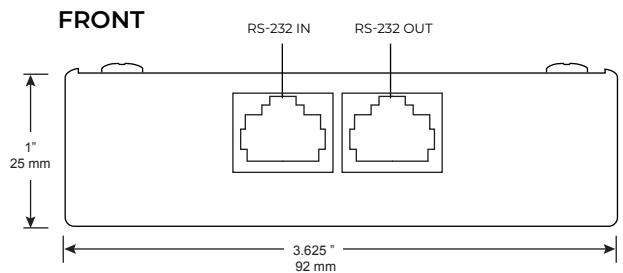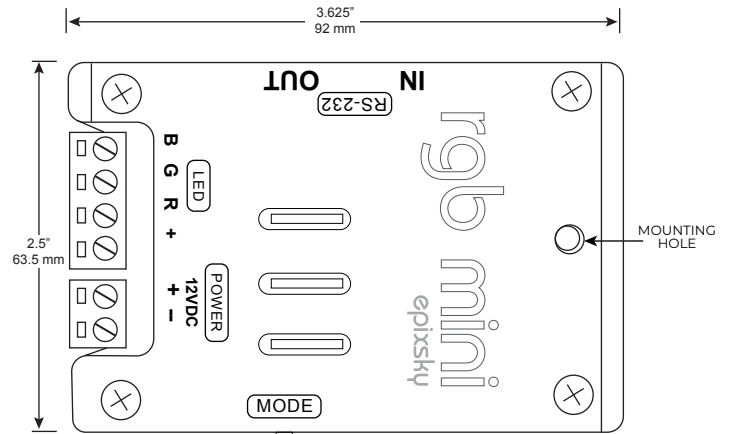
KEY FEATURES:

· Can handle up to 200W@24VDC or 400W@12VDC

· 12-24VDC (20 Amps MAX)

· 3 high current channels with independent control

· Suitable for common anode RGB LEDs

· Standalone mode with color change mode

· Small form factor.

· PWM of 480 Hz delivers smooth dimming and a wide range of color spectrum of RGB LED light fixtures.

· Reverse polarity protection.

· Work independently or integrated into a whole-house 3rd party control system.
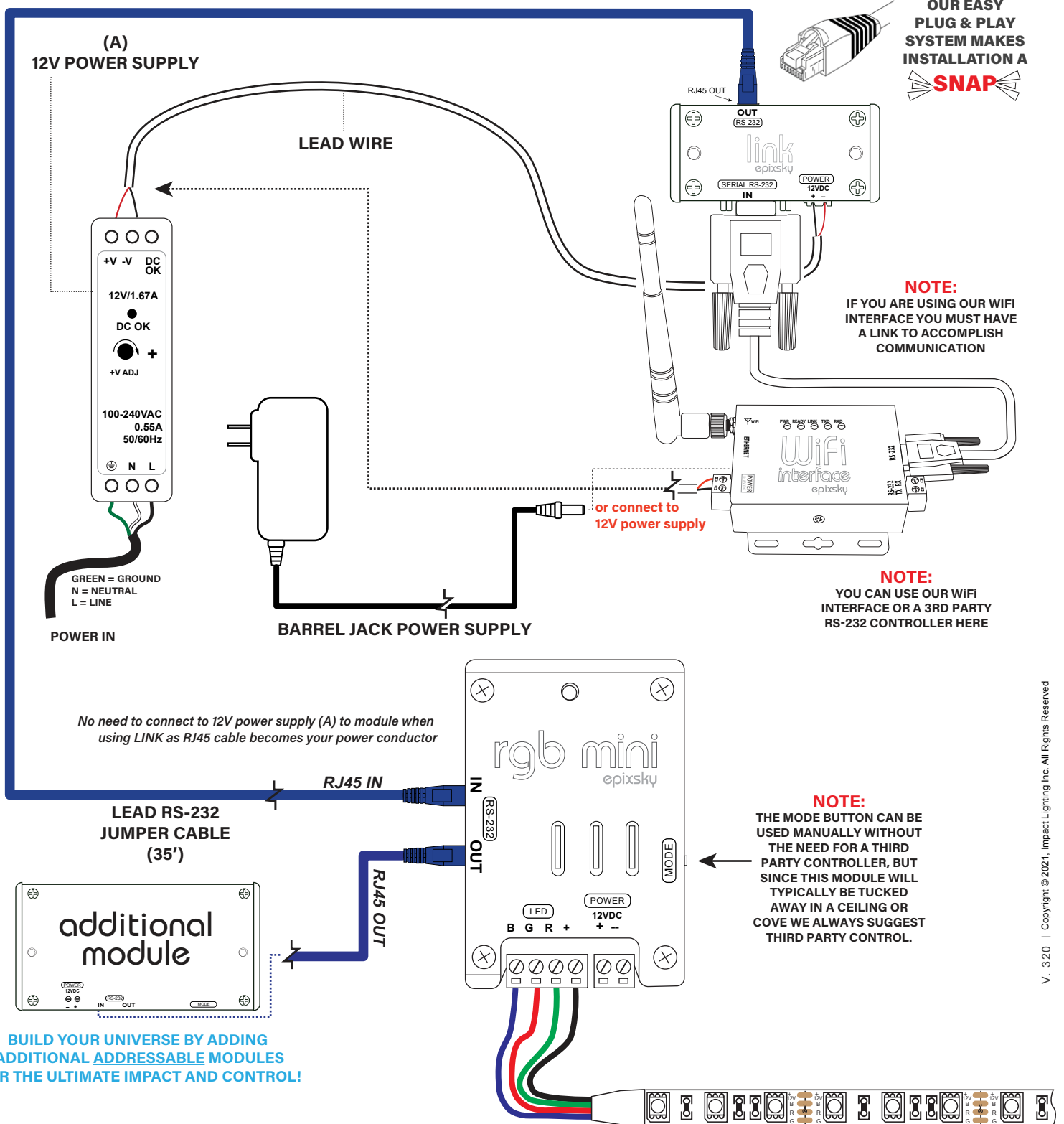
· 5 YEAR WARRANTY

MADE IN U. S. A.

FRONT

RS-232 IN   RS-232 OUT

1"
25 mm

3.625 "
92 mm

BACK

MODE

3.625"
92 mm

2.5"
63.5 mm

MOUNTING HOLE

ORDERING

MODEL

RGB MINI

RGB MINI
RS-232 SERIAL CONTROLLER

OUR EASY PLUG & PLAY SYSTEM MAKES INSTALLATION A **SNAP**

RJ45 OUT

OUT
RS-232

link
epixsky

SERIAL RS-232
IN

POWER
12VDC
+ –

(A)
12V POWER SUPPLY

LEAD WIRE

+V -V   DC OK

12V/1.67A

DC OK

+V ADJ   +

100-240VAC
0.55A
50/60Hz

N   L

GREEN = GROUND
N = NEUTRAL
L = LINE

POWER IN

NOTE:
IF YOU ARE USING OUR WIFI INTERFACE YOU MUST HAVE A LINK TO ACCOMPLISH COMMUNICATION

WiFi
interface
epixsky

WiFi   PWR READY LINK TXD RXD
ETHERNET
POWER
RS-232
RS-232 TX RX

or connect to 12V power supply

BARREL JACK POWER SUPPLY

NOTE:
YOU CAN USE OUR WiFi INTERFACE OR A 3RD PARTY RS-232 CONTROLLER HERE

No need to connect to 12V power supply (A) to module when using LINK as RJ45 cable becomes your power conductor

RJ45 IN

rgb mini
epixsky

IN
RS-232
OUT

MODE

LEAD RS-232 JUMPER CABLE (35')

RJ45 OUT

additional module

POWER
12VDC
– +
RS-232
IN   OUT   MODE

LED
B G R +

POWER
12VDC
+ –

NOTE:
THE MODE BUTTON CAN BE USED MANUALLY WITHOUT THE NEED FOR A THIRD PARTY CONTROLLER, BUT SINCE THIS MODULE WILL TYPICALLY BE TUCKED AWAY IN A CEILING OR COVE WE ALWAYS SUGGEST THIRD PARTY CONTROL.

BUILD YOUR UNIVERSE BY ADDING ADDITIONAL ADDRESSABLE MODULES FOR THE ULTIMATE IMPACT AND CONTROL!

RGB LED LIGHT STRIP