

Turning the E1.31 DMX Bridge for the first time.

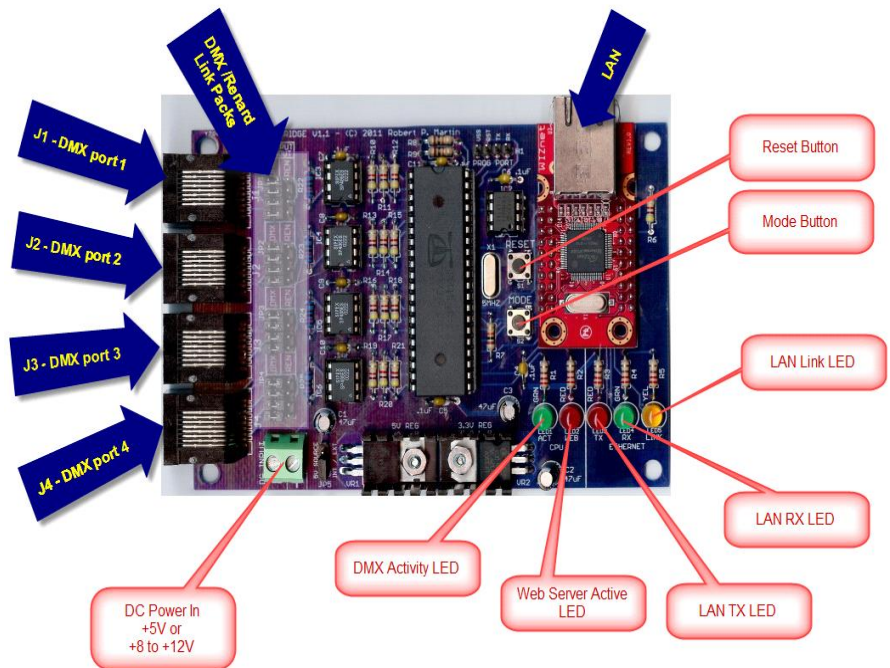
So you have built you E1.31 Bridge and now want to try it out. This procedure will detail how to get you up and going with minimal pain. This procedure is particularly helpful if your lighting network uses static IP addressing.

Requirements:

- PC or Laptop
- Short Lan Cable

Procedure

- Connect an Ethernet cable directly between the PC (that is configured for DHCP) and the E1.31 Bridge.
- Power up the Bridge, holding the Mode button down.
- Release the Mode button during the third Red/Green LED flashes.
- Since no DHCP server will be found by the E1.31 Bridge or by the PC, they will both have assigned addresses in the 169.254.x.x range.
- After boot-up, type 169.254.74.73 in the address bar of your browser and press ENTER. This should bring up the E1.31 Bridge web configuration page.
- When the web page open, you can now configure the IP address to your final Static IP address.
- Save the configuration with the "Save O" command.
- Reboot the bridge.
- The E1.31 DMX Bridge is now ready to be added to your Lighting network.



The following is a summary of all the implemented commands:

IP a.b.c.d – sets the E1.31 DMX Bridge IP address

SUBnet a.b.c.d - sets the E1.31 DMX Bridge subnet address

GATeway a.b.c.d - sets the E1.31 DMX Bridge Gateway address

DNs a.b.c.d - sets the E1.31 DMX Bridge DNS address

DEfault n - sets default mode:

- n= 0 for DHCP IP Address mode
- n=1 for STATIC IP Address mode.

WEB n – Sets the web server mode

- n=0 - never start the web server.

- n=1 - start web server for 5 minutes only

- n=2 - start web server if no DMX data received on slot 4.

- n=3 - both of the above.

UNiverse b n – sets Port b (the RJ45 output jack number) to universe n

PRotocol b n – sets the output protocol

- n=1 – DMX protocol
- n=2 – Renard protocol.

BAud b n Sets the Renard Baud rates for Port b (the RJ45 output jack number)

- n=1 – baud rate set to 57,600
- n=2 – baud rate set to 115,200.

SAVE n - saves current configuration at location n

LOad n – loads configuration at location n

BOot 999 will restart the system.

QUit n - shutdown the web server to allow socket 4 to resume receiving DMX data in n seconds

QUit 999 - keep the web server running forever.