

ON-AIR WARNING LIGHT WIRING FOR LYRA

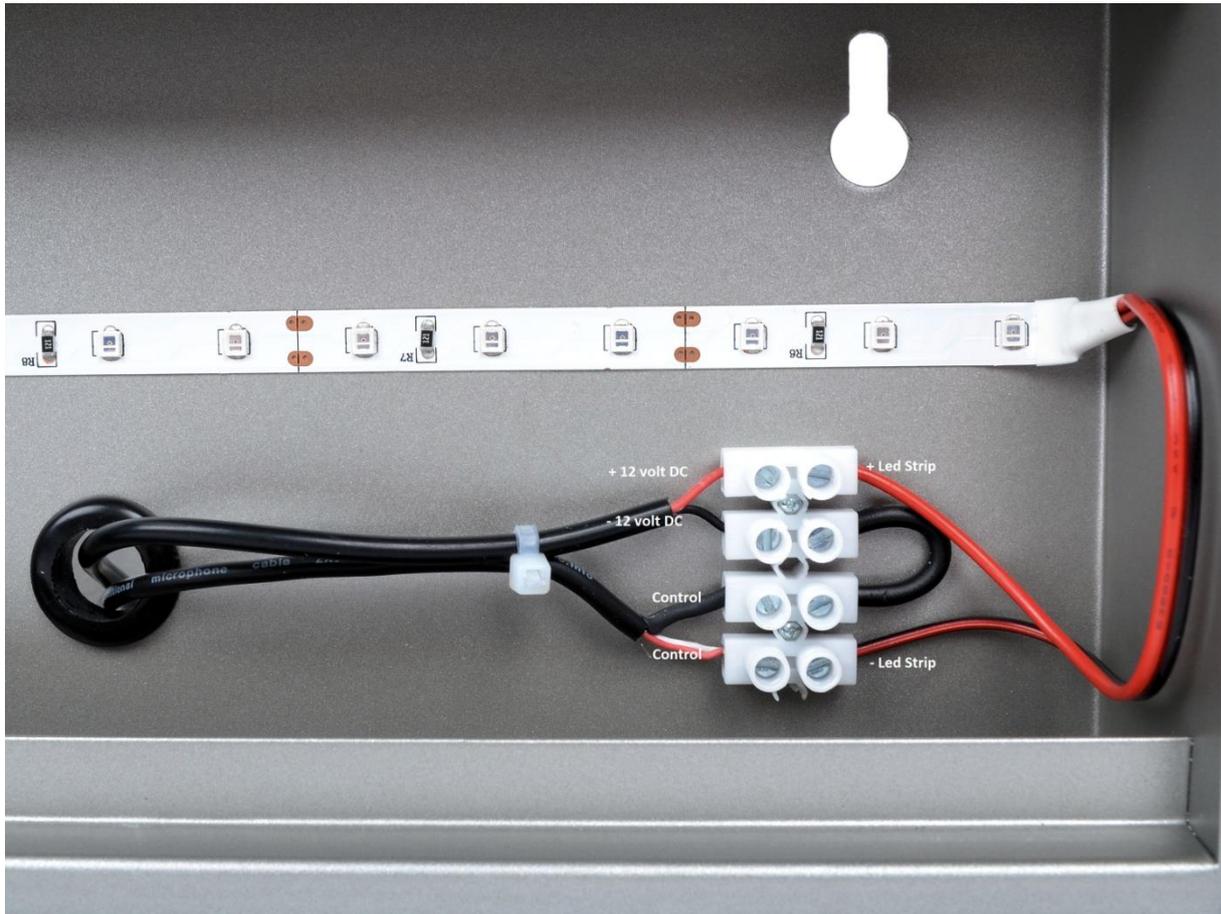
INTERNAL WIRING

Below you see a white 4 segment terminal block with on the right hand side row the already connected wiring from the led strip to the barrier strip and a shorting wire. On Pin-1 the plus connection of the ledstrip and on Pin-4 the minus connection.

Pin-2 and 3 are shorted by a wire. Feed the power supply cable through the back hole of the unit and connect the plus pole of the 12 volt DC power supply to Pin-1 (top pin) and the minus pole of the 12 volt DC power supply to Pin-2.

Now feed the control wires through the back wall of the unit and connect one side to Pin-3 and the other wire to Pin-4 where on the picture control is written. The other end of the two wire control cable can be connected to PIN 4 and PIN 9 of the CRM SUB-D connector on the back of the LYRA I/O unit. The right hand side of the terminal strip has been wired by us already.

Pin1=+Led strip, Pin2=shorted to pin3, Pin4=-Led strip



The left side of the terminal strip has to be wired by yourself.

Pin-1= + 12 volt DC 200mA (from the delivered Power adapter)

Pin-2= - 12 volt DC 200mA (from the delivered power adapter)

Pin-3= Control goes to pin 4 of the CRM SUB-D connector

Pin-4= Control goes to pin 9 of the CRM SUB-D connector

In case you want to connect 2x ON-AIR warning lights to one reed relay in the mixer, simply connect the control wires going to the mixer in series with each other, but in the right way!!

Note: Pin 4 of the control of ON-AIR-1 needs to be connected to Pin 3 of the control of ON-AIR-2.

Both LEDs will go on when control 3 of ON-AIR-1 and Control-4 of ON-AIR-2 are shorted.

See below the pinning of all your LYRA SUB-D connectors.
 For the ON-AIR light only pin 4 and 9 are important for you.

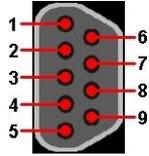
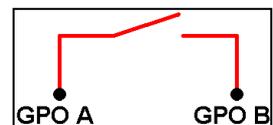
	PROGRAM	SUB	AUX	CRM	
Pin 1	Left OUT +	Left OUT +	Left OUT +	Left OUT +	
Pin 6	Left OUT -	Left OUT -	Left OUT -	Left OUT -	
Pin 2	GND	GND	GND	GND	
Pin 7	Right OUT +	Right OUT +	Right OUT +	Right OUT +	
Pin 3	Right OUT -	Right OUT -	Right OUT -	Right OUT -	
Pin 8	GND	GND	GND	GND	
Pin 4	Mono OUT +	Not Connected	Not Connected	GPO A	
Pin 9	Mono OUT -	Not Connected	Not Connected	GPO B	
Pin 5	GND	Not Connected	GND	Not Connected	

Table 1: Pinning for PROGRAM, SUB, AUX and CRM

GPO-A and GPO-B make connection if the GPO is activated!

Maximum current: 200 mA
 Maximum resistance when connection made: 12 Ohm
 Maximum Voltage: 24 V



1.1.1 On-Air Output

The GPO on the CRM connector responds only to the Redlight1 buss.
 See 'Table 1: Pinning for PROGRAM, SUB, AUX and CRM' for the pinning of the connector.



Figure 1: Redlight GPO

To activate the ON-AIR warning light, program all sources that need to activate the ON-AIR warning sign to activate Red light 1 buss

Good luck

D&R support

