

Avolites Ltd.

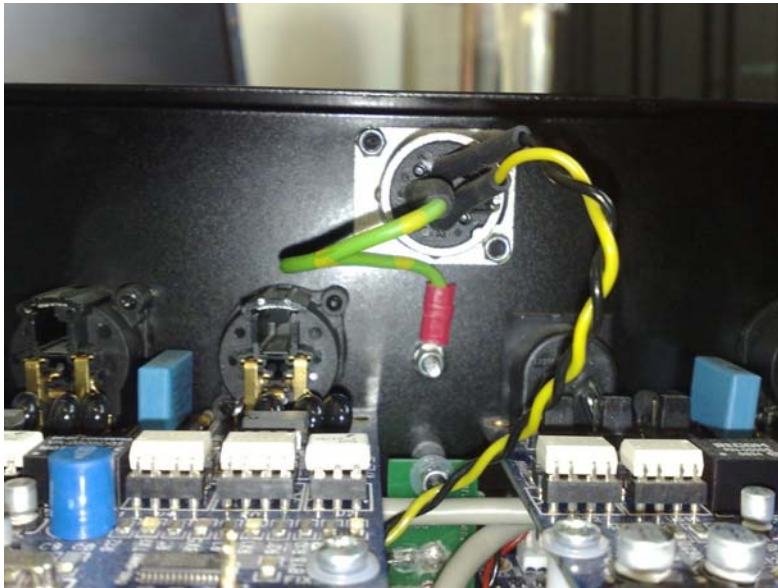
Engineering Change Notice

| | |
|-----------------------|-----------------------------------|
| Title | Pearl Expert DMX Earth Connection |
| ECN Number | ECN-0184 |
| Equipment | Pearl Expert |
| Author | Adam Proffitt |
| Drawing Number | |
| Date | 13/10/08 |

| | |
|-------------------------------|---|
| Reason for ECN | Noise induced into DMX cables causes desk USB errors. |
| Special Parts required | 2 off M3 crimp eyes, 2 off 12cm lengths of 32x0.2mm wire. Avolites kit Number: 32-02-9019 free of charge |
| Special Tools required | M3 nut runner. Soldering iron and solder. |

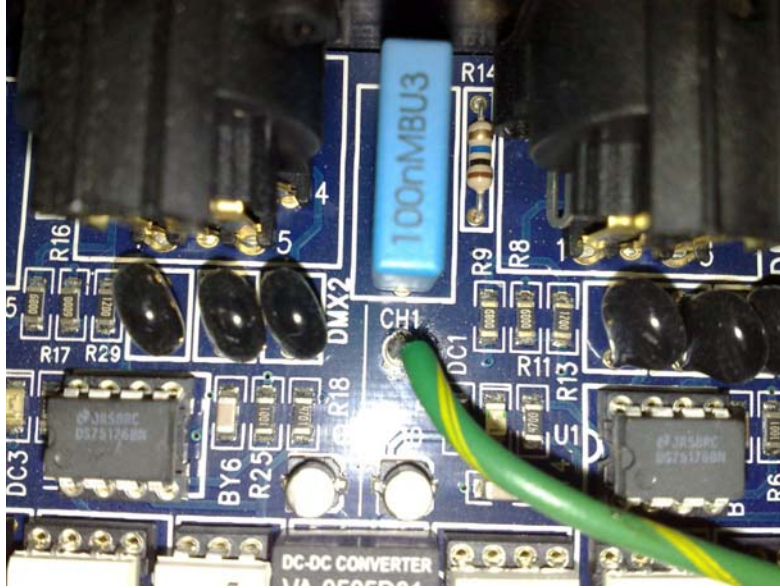
Work Required

1. Turn off and open the desk.
2. Locate the desk lamp socket connections on the desk output panel - between the U-DMX circuit boards.

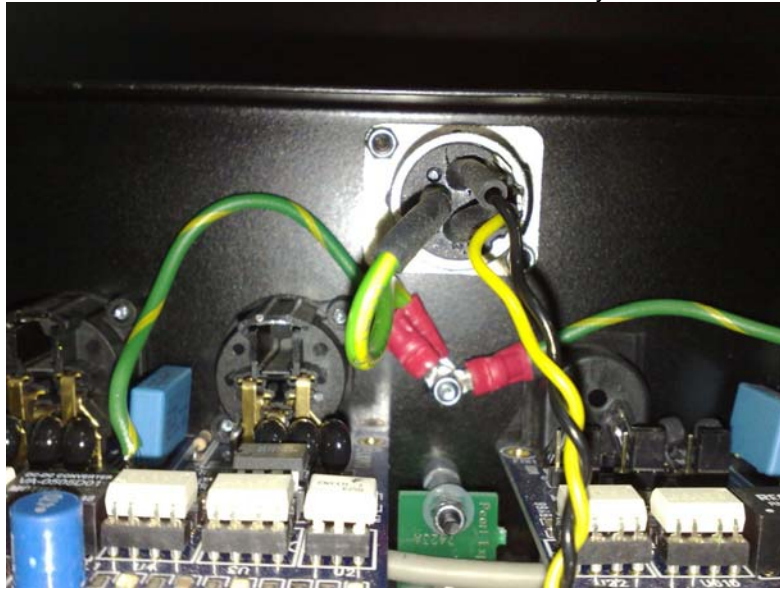


3. Undo the M3 nut which secures the earth connection to the desk lamp socket.
4. Crimp an M3 eye onto each of the 12cm lengths of cable. If M3 eyes are not available then the bare wire ends will have to be securely clamped behind the lamp socket eye.
5. Solder the other end of the wire into the CH1 hole on the U-DMX circuit boards. Only strip 5mm of the wire to prevent it from shorting other signals

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6. Secure all 3 wires behind the nut. Check that the eyes will not move.



7. Close the desk.
8 Test the DMX outputs

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Faxback Form.

ENC 184 Fitting a Earth wire to the DMX PCB's

Dear Customer.

We would like to ask you to fill in the below form and fax it back to Avolites at your convenience. In sending back the information you allow us to keep the records of the consoles up to date.

For the customer to fill in:

| | |
|---|--|
| Console Serial Number | |
| Did the console experience DMX lockups before the modification? | |
| Has the DMX been checked after the modification | |
| Modification done by | |

For Avolites use

| | |
|----------------------------|--|
| Entered in the Database by | |
| Date | |

Thank you for your cooperation
Avolites Team

Avolites Fax number

+44(0)2089650290

Or

Email details to

alwyn@avolites.com

Please enter "ECN184" in the subject line when emailing.