7010

## Firmware Update Instructions for EtherN.2 and EtherN.8

To update the firmware, you will need to install <u>DMX Workshop</u> and download the latest firmware from the <u>EtherN.2</u> or <u>EtherN.8</u> website. The latest version is v2.19.

## Instructions

Please note: some Firewalls might block you from following these instructions. In this situation, we recommend temporarily disabling your firewall whilst connected to the EtherN.2 or EtherN.8 and not the Internet.

- Connect your computer to the EtherN.2 or EtherN.8 via a crossover cable (or via a straight cable if going through a router or switch).
- Ensure your computer's IP address is in the same range as the EtherN.2 or EtherN.8 that'll be either 2.x.x.x or 10.x.x.x with a subnet of 255.0.0.0 (the IP address must be unique so in the same range, but not the same as, the EtherN.2 or EtherN.8).
- Open DMX Workshop. If you get a popup titled "Select Network Interface Card", choose the "Host Address" with the same IP address as you selected above.
- In DMX Workshop choose "Node List". A window will open which will either list one node (for EtherN.2) or four nodes (for EtherN.8). Clicking the "+" next to one of them, and then clicking the "+" next to the word "Configuration" will display the device's current Firmware Revision, as highlighted below. (Please be aware that each node can have a different firmware revision, however this is not recommended).

Node List	2
Driver Version: V2.008 Hostlp:2.0.0.30	
Node Status Output Routing Art-Net Node Report	
Active Art-Net Nodes: Auto Refresh Refresh	
Node 1-1: DMX Output Port 1 & 2 [Product: Cooper Controls EtherN.8 RDM] {IP:2.2.2.3}	*
P Address: 2.2.2.3 (Static)	=
Binding Address: 1.0.0.0-1	
MAL Address: 00-10-05-20-07-10	
Profilest Cooper Controls Etherbl 9 PDM	
Manufacturer: Zero 88	
Short Name: Default name	
Status: #0001 [0001] Power On Tests Pass	
UBEA: Not installed.	
RDM: Node is RDM Standard V1.0 capable (Bidirectional DMX).	
Boot Mode: Booted from Flash Drive.	
🗄 🔶 Switches	
teres + Node 2-2: DMX Output Port 3 & 4 [Product: Cooper Controls EtherN.8 RDM] {IP:2.2.2.4}	
i i - ♦ Node 3-3: DMX Output Port 5 & 6 [Product: Cooper Controls EtherN.8 RDM] {IP:2.2.2.5}	
i i + ◆ Node 4-4: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {IP:2.2.2.6}	
i iii	
🖶 🖓 Node not detected	
🖶 💬 Node not detected	
E -	
I ⊕ P Node not detected	
Node not detected	
Node not detected	
Node not detected	
Node not detected	
Node not detected	
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• Right click on one of the nodes and select "Advanced" > Programme Upload > Firmware



• Next, select the folder of the downloaded firmware file in the left-hand pane, and select the file itself in the righthand pane, and click Next.

Select new firmware file	
C:\ Program Files (x86) Artistic Licence DMX-Workshop Firmware	al500x_v1-21.alf AL500x_v1-64.alf Cata-Lynx_v3-07.alf Down-Lynx_Net-Lynx_OP_v3-02.alf Ether-Lynx_v3-08.alf Up-Lynx_Net-Lynx_IP_v2-02.alf
📼 c: [osdisk]	▼ Next



• In the next window, it is strongly recommended that the firmware upgrade is applied to all output ports by checking the 'Tick All' box (EtherN.8 only). Then click "Upload new Firmware".

Select new firmware file		
Report	Upload new Firmware	
Version 1.30.3458 This file is valid for Product: Cooper Controls EtherN.8 RDM	Image: DMX Output Port 1 & 2 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 3 & 4 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 5 & 6 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {   Image: DMX Output Port 7 & 8 [Product: Cooper Controls EtherN.8 RDM] {	
Note that the progress bar may pause for a significant time during upload. This is not a fault.		

The Progress Bar may go through several times and may pause for a significant time during upload. This is not a fault.

Once complete, close DMX Workshop and start using your newly updated EtherN.2 or EtherN.8!

