

ECLIPSE_{MXL2}

Motorized Fader Control Surface



Users Manual



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Introduction

The Eclipse MXL2 is an audio level control panel with 8 touch sensitive, motorized faders, 8 graphic LCD pushbutton switches, 8 rotary/pushbutton encoders and 24 illuminated pushbuttons. The Eclipse MXL2 is a standalone controller for use with a computer based application.

The Eclipse MXL2 is backwards compatible with the Eclipse MXL and Eclipse MX.

The unit connects to your network using the built in Ethernet interface or directly to a host computer via the built in USB port. The unit is powered from the supplied 12 volt power adapter.

Installation

Unpacking

When you receive your Eclipse MXL2, you should receive the following items:

- Eclipse MXL2
- This Users Manual
- Power Supply
- Power Cord
- Expansion cable

Please take a moment to register your product at:

<http://www.jlcooper.com>

This will allow us to notify you of important updates and changes to software or features.

Setup

The compact design of the Eclipse MXL2 makes it easy to locate wherever you need it. The Eclipse MXL2 must be setup up in a location that does not experience vibration, excessive humidity, dust or temperature extremes.

Connecting the Eclipse MXL2

Connecting an Eclipse MXL2 expander to your computer is straightforward. The Eclipse MXL2 has built in Ethernet and USB interfaces. Simply connect the Ethernet interface into your network or connect the USB port directly to your computer. Do not use the Ethernet and USB interface simultaneously.

Configuring the Ethernet Interface

The Compact Ethernet Interface Card comes from the factory preconfigured to work in the Eclipse MXL2. However, you will most likely need to configure the network settings to work on your network.

1. Access the configuration web page. The factory default address is 192.168.200.114.

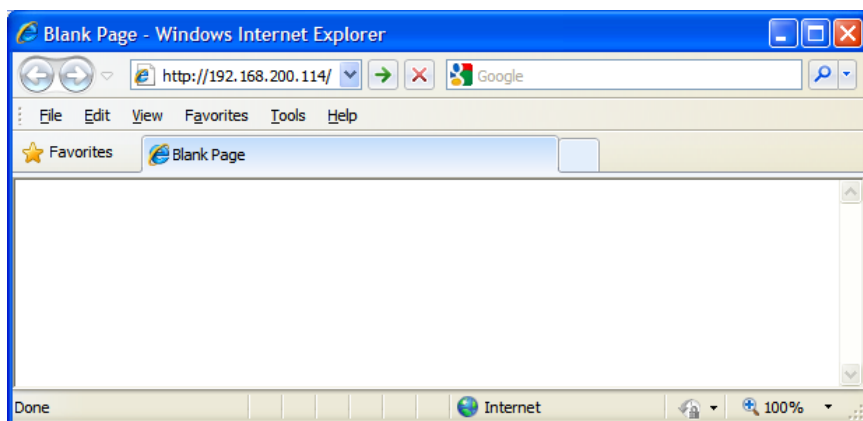
Note: If the IP address of the unit is not known, you can reset the Ethernet Interface settings to a known state. This is done by pressing and holding the Mute8, Solo8 and Aux8 buttons during power up. The Ethernet Interface will then be set to:

IP address = 192.168.200.114

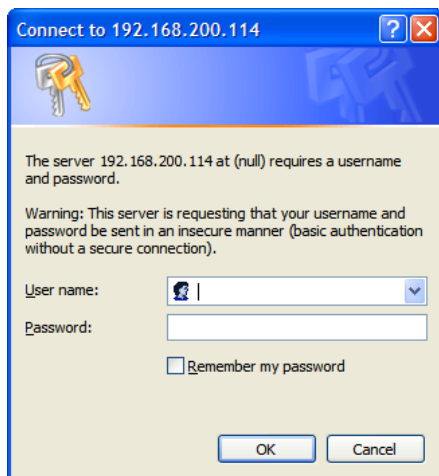
Subnet Mask = 255.255.255.0

Password = disabled.

You must power cycle the unit for the settings to take effect.



2. You will encounter a login dialog box. Leave the User name and Password blank and click OK.



3. To change your network settings, click the Network item on the left side of the browser window.

Enter the desired IP Address, Subnet mask and Gateway in the appropriate text boxes below. Click OK.

http://192.168.200.114/secure/lbx_conf.htm - Windows Internet Explorer

http://192.168.200.114/secure/lbx_conf.htm

File Edit View Favorites Tools Help

http://192.168.200.114/secure/lbx_conf.htm

Firmware Version: V6.6.0.2
MAC Address: 00-20-4A-A9-FE-22

Network Settings

Network Mode:

IP Configuration

☐ Obtain IP address automatically

Auto Configuration Methods

BOOTP: ☒ Enable ☐ Disable

DHCP: ☒ Enable ☐ Disable

AutoIP: ☒ Enable ☐ Disable

DHCP Host Name:

☒ Use the following IP configuration:

IP Address:

Subnet Mask:

Default Gateway:

DNS Server:

Ethernet Configuration

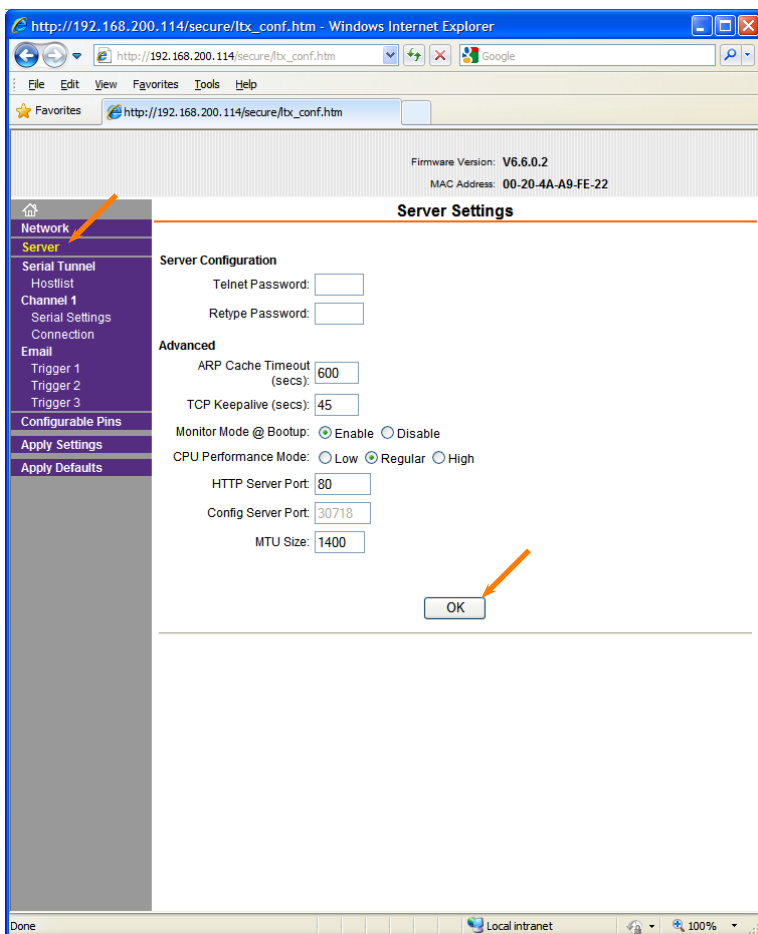
☒ Auto Negotiate

Speed: ☒ 100 Mbps ☐ 10 Mbps

Duplex: ☒ Full ☐ Half

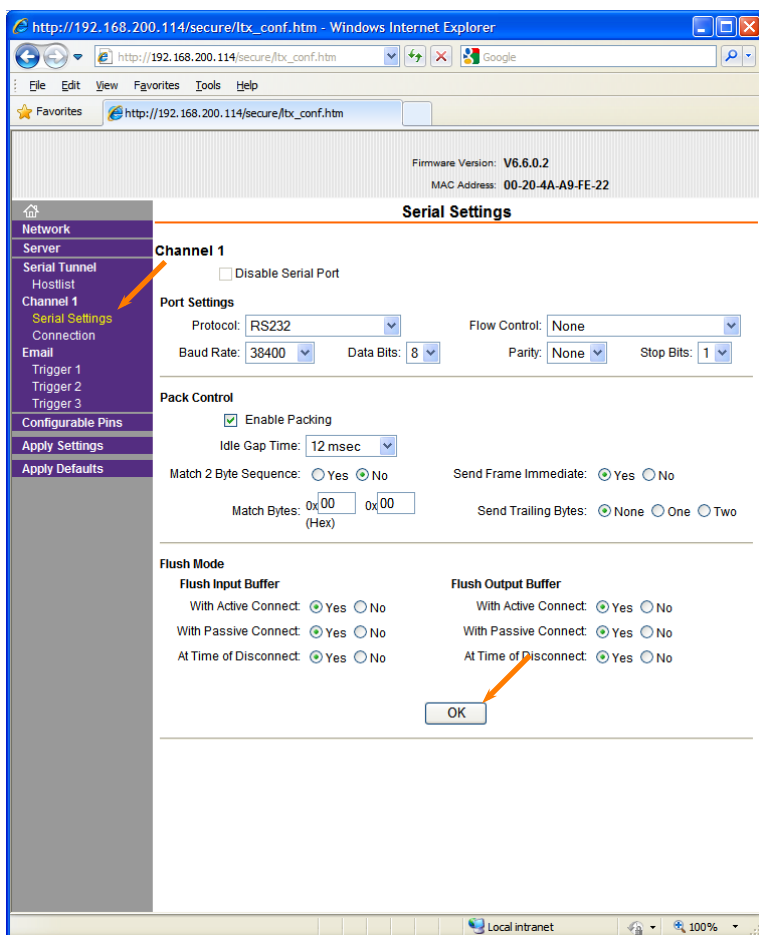
Done Local intranet 100%

4. The Server settings can be left as is.



- Click on the Serial Settings item on the left side of the browser window. Verify that the settings are the same as pictured below.

If you have made any changes, be sure to click the OK button.



- Click on the Connection item on the left side of the browser window. Verify that the settings are the same as pictured below.

The Local Port is the TCP port, which the software uses along with the IP Address to connect to the unit. You can leave this at the default or change it to suit your needs. The value can be 1025–65535 with the exceptions listed below.

Note: Ports 7, 25, 80, 9999, 14000-14009, 30704 and 30718 are reserved for other functions and should not be used.

If you have made any changes, click the OK button.

http://192.168.200.114/secure/tbx_conf.htm - Windows Internet Explorer

http://192.168.200.114/secure/tbx_conf.htm

File Edit View Favorites Tools Help

http://192.168.200.114/secure/tbx_conf.htm

Firmware Version: V6.6.0.2
MAC Address: 00-20-4A-A9-FE-22

Connection Settings

Channel 1

Connect Protocol
Protocol: TCP

Connect Mode

Passive Connection:
Accept Incoming: Yes
Password Required: Yes No
Password:
Modem Escape Sequence Pass Through: Yes No

Active Connection:
Active Connect: None
Start Character: 0x0D (in Hex)
Modem Mode: None
Show IP Address After RING: Yes No

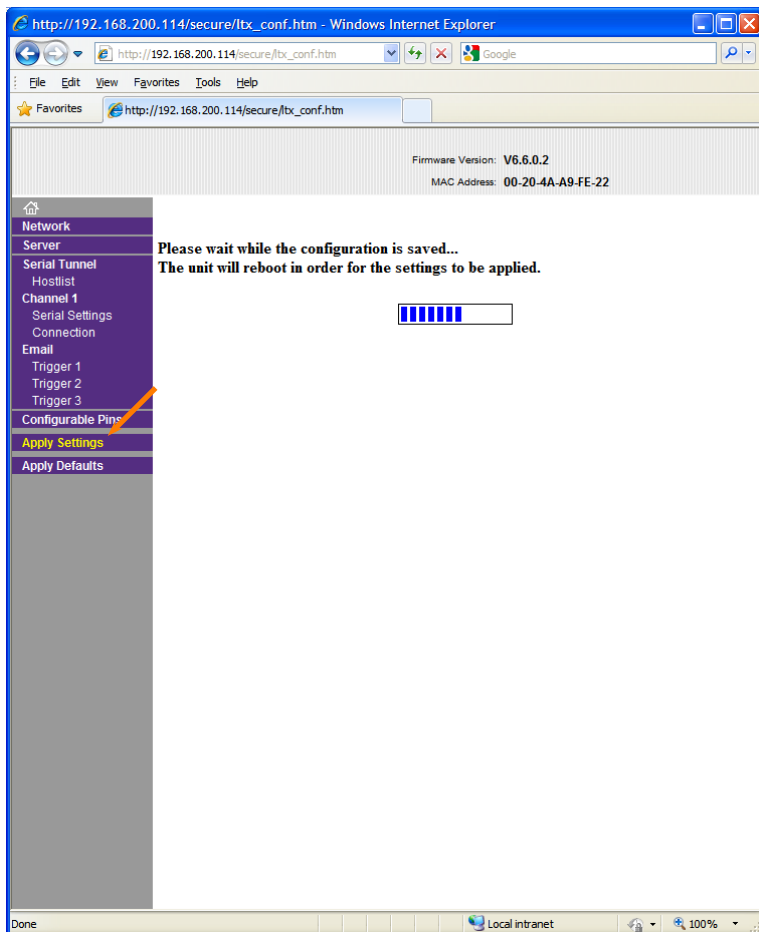
Endpoint Configuration:
Local Port: 10001
Remote Port: 0
Auto increment for active connect: ☐
Remote Host: 0.0.0.0

Common Options:
Telnet Com Port Cntrl: Disable
Connect Response: None
Terminal Name:
Use Hostlist: Yes No
LED: Blink

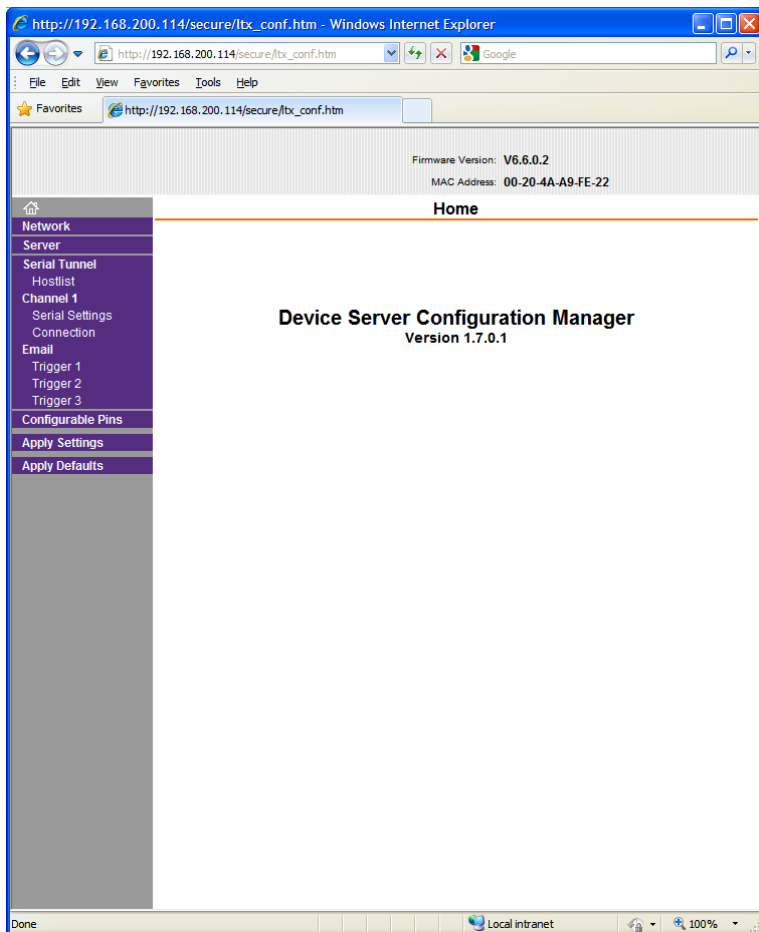
Disconnect Mode
On Mdm_Ctrl_In Drop: Yes No
Check EOT(Ctrl-D): Yes No
Hard Disconnect: Yes No
Inactivity Timeout: 0 : 0 (mins : secs)

OK

7. To permanently save any settings into nonvolatile memory, click on the Apply Settings item on the left side of the browser window.



8. The Ethernet Interface will save your settings into nonvolatile memory and will restart. This will take a minute or so. Your Eclipse MXL2 is now configured to use the Compact Ethernet Interface.



Configuring the Host Application

To configure and use the Eclipse MXL2 with the host application, please refer to applications documentation.

Care and Service

If properly cared for, your Eclipse MXL2 should provide years of troublefree performance. While the Eclipse MXL2 is built in a rugged enclosure, please avoid dropping the Eclipse MXL2.

Clean with a soft, damp cloth. Do not allow liquids, dust or other foreign matter to get inside the unit.

There are no user-serviceable parts in the Eclipse MXL2. Please refer to the JLCooper Electronics Limited Factory Warranty on the following page for detailed warranty and service information.

JLCooper Electronics Factory Warranty

JLCooper Electronics ("JLCooper") warrants this product to be free of defects in materials or workmanship for a period of 12 months from the date of purchase. This warranty is non-transferable and the benefits apply only to the original owner. Proof of purchase in the form of an itemized sales receipt is required for warranty coverage. To receive service under this warranty, customers in the United States should contact the JLCooper factory at (310) 322-9990 and talk to a service technician. If necessary, a Return Authorization number may be issued. For our customers outside the United States, it is recommended that you first contact your Dealer or Distributor, since they may offer their own service or support policy. If local support is not obtainable, please send a FAX to JLCooper's Service Department at +1 310 335 0110 with a detailed description of the service required. Upon issuance of return authorization, the product should be packed in the original shipping materials and shipped prepaid and insured to: Service Department, JLCooper Electronics, 142 Arena Street, El Segundo, CA 90245. Please include the following: copy of the sales receipt, your name and address (no P.O. Boxes, please), a brief description of the problem, and any other related items discussed with the service department and considered necessary to evaluate the product or effect a repair. The return authorization number must be clearly written on the outside of the package. JLCooper will at its option, without charge for parts or labor, either repair or replace the defective part(s) or unit. Shipping costs are not covered by this warranty. JLCooper's normal repair turn around time at the factory is approximately 15 business days from receipt of product to shipping. Your actual turn around time will include return shipping. Actual turn around time will vary depending upon many factors including the repeatability of the customer's reported complaint, the availability of parts required for repair, the availability of related products needed to evaluate the product if necessary. Priority services are available at additional cost. These should be discussed with the service technician at the time the return authorization is issued. This warranty provides only the benefits specified and does not cover defects or repairs needed as result of acts beyond the control of JLCooper including but not limited to: abuse, damage by accident/negligence, damage from using incorrect power supply, modification, alteration, improper use, unauthorized servicing, tampering, or failure to operate in accordance with the procedures outlined in the owner's manual; nor for natural or man-made events such as, but not limited to flooding, lightning, tornadoes, earthquake, fire, civil unrest, war, terrorism, etc.

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