






Quick Start

Connecting the MaxStream® XPress™ Ethernet Bridge

Contents

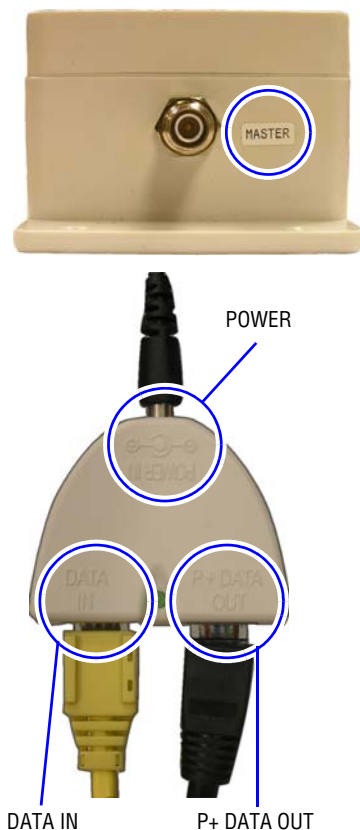
Picture	Qty	Description
	2	XPress Ethernet Bridge RF Modem The modem labeled MASTER will be connected to your computer, the other modem will be connected to the sign.
	2	6 VDC/80-240VAC power adapters One power adapter is used with the modem connected to your computer (or network). The other power adapter is not used.
	2	PoE (Power over Ethernet) adapters One PoE adapter is used to connect your computer, the modem connected to your computer, and power. The other PoE is not used.
	2	Half-wave, 2.5 dBi, dipole antennas w/RPTNC connector Both antennas are used.
	2	CAT5e outdoor cables, 30 feet Cable usage depends on the requirements at your location.

Overview

These instructions explain how to connect the MaxStream XPress Ethernet Bridge mode4ms to a computer or network and to the an Excite 23mm Series A sign. This includes the following five steps:

- 1 - Connect the MASTER modem
- 2 - Mount the other modem near the sign
- 3 - Connect the modem to the sign
- 4 - Install Ooh!Media
- 5 - Send a test message

1) Connect the MASTER modem



Use the modem labeled **MASTER**.

- The antenna on each modem must come straight out of the connection, do not bend.
- When you position each modem, position it so that the antenna is pointing straight up.

Connect the following to the PoE adapter:

- A. Connect the crossover cable from your computer (or Ethernet cable from the network) into the **DATA IN**.
- B. Connect the Ethernet bridge modem labeled **MASTER** into the **P+ DATA OUT** port.

NOTICE: Only connect the Ethernet bridge modem to the P+ DATA OUT port. Connecting other devices to this port may damage the equipment!

- C. Connect the power adapter and plug in to an outlet

2) Mount the other modem near the sign

Select a location near the sign to mount the remaining Ethernet Bridge modem.



Make sure the antenna is facing up.

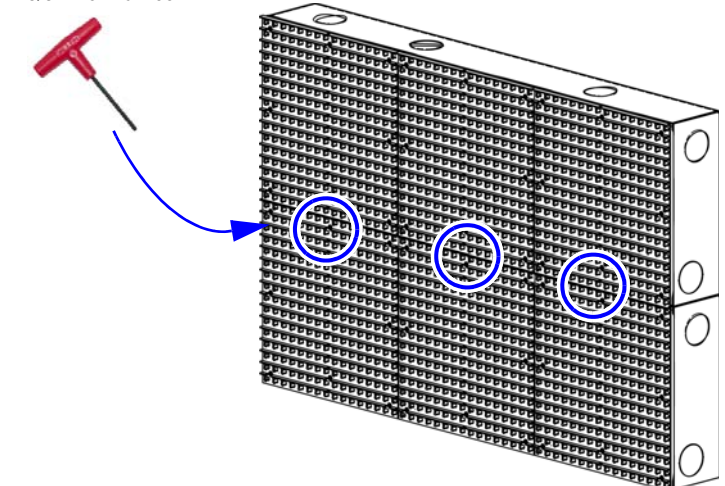
3) Connect the modem to the sign

WARNING! Hazardous voltage. Contact with high voltage may cause death or serious injury. Always disconnect power to unit prior to servicing.

- A. Disconnect all power from the sign at the power source.
- B. At the sign, open the case door labeled Controller (bottom left-most case)

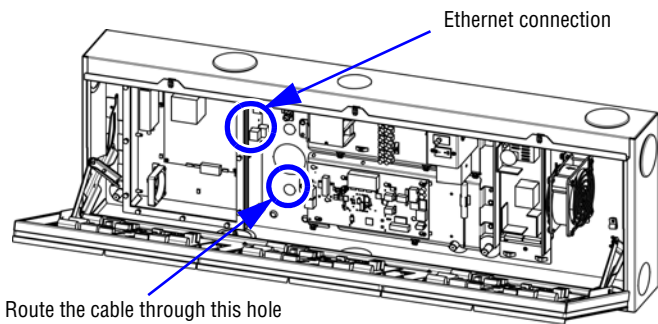
- Using a 5/32-inch hex tool, turn screw counter-clockwise.
- Slowly pull the door toward you to open.

5/32-inch hex tool



3) Connect the modem to the sign, continued

- C. Route the Ethernet cable from your network through the hole in the back of the controller case of the sign.



For a direct connection:

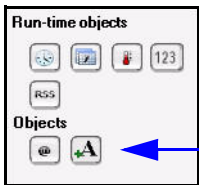
- Connect one end of the Ethernet crossover cable to the connection labeled Ethernet in the sign's controller case.
 - Connect the other end to the Ethernet port on your computer or laptop.
- D. Close the case door.
 - E. Apply power to the sign.

5) Send a test message

- A. Start Ooh!Media.
Click **Start > All Programs > Ooh!Media > Ooh!Media**.



- B. In the lower portion of the Ooh!Media window under Run-time Objects, click the insert new text button.



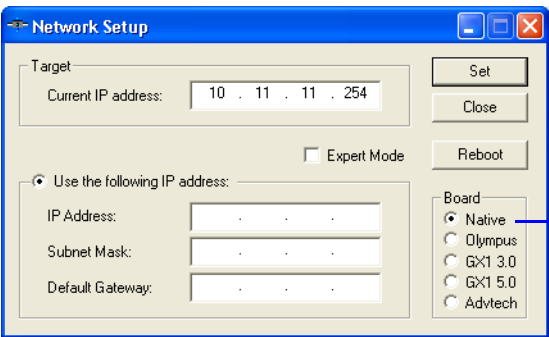
A new text message box appears in Ooh!Media.

4) Install Ooh!Media

- A. Insert the Ooh!Media CD into the CD-ROM drive.
If the installation does not start automatically, do the following:
 - Select **Start > Run**.
 - Type **D: /amp1ayer** (use the correct letter for your CD drive if not D) and click **OK**.
- B. On the first screen, click the **Install Ooh!Media** button and follow the instructions.

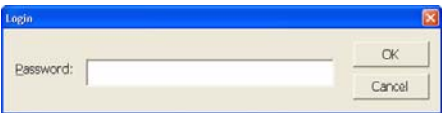


- C. In the Network Setup window, set the IP address information. You will need most of this from your network administrator.



Only check the Expert Mode box to set advanced options such as the primary DNS. Only do this if instructed by your network administrator, Internet service provider, or Adaptive Micro Systems.

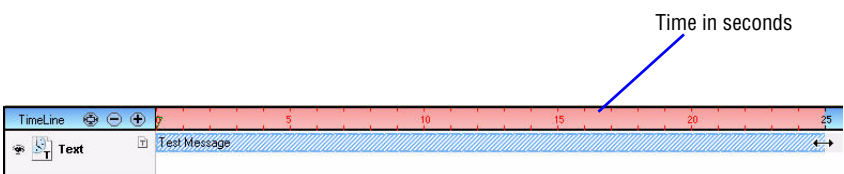
- D. Click **Set**.
- E. If the Login prompt appears, enter your password, click **OK** and then click **Close** in the Network Setup window.



- C. Highlight the text inside the message and type an appropriate test message.



- D. Extend the length of the message by stretching it in the Timeline (see figure below).

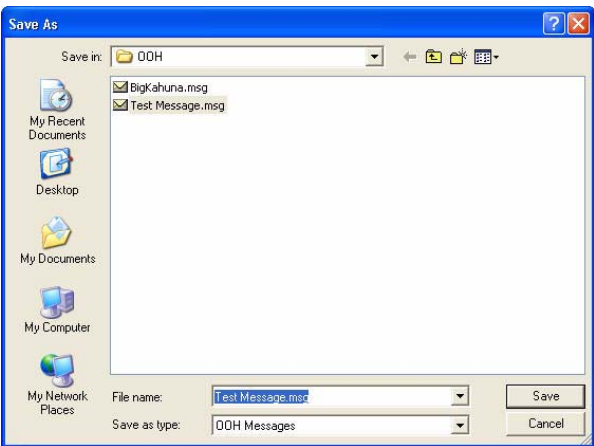


Extend the message long enough for you to go to the sign and look at it.

- E. Click the disk icon to save the message.



- F. Name the message and click **Save**.



- G. Click the send message icon to send the message to the sign.



- H. Verify the message appears on the sign.