

Overview

These instructions walk you through connecting an Excite, RoadStar, or StreetSmart sign to an Ethernet network or directly to a computer using an Ethernet or Ethernet crossover cable.

- Step 1 - Install the hardware
 - Installing hardware for an Excite sign
 - Installing hardware for a RoadStar sign
 - Installing hardware for a StreetSmart sign
- Step 2 - Install Ooh!Media
- Step 3 - Send a test message

If you need assistance during the installation, contact Adaptive's Technical Support team at (414) 357-2020 ext. 519.

Before you start

- Read through these instructions before installing the hardware and connecting the sign(s) to an Ethernet network.
- When you install Ooh!Media, you will need the following information to setup the sign:

Sign Information	
IP Address:	_____
Subnet Mask:	_____
Default Gateway:	_____

Tools and Equipment

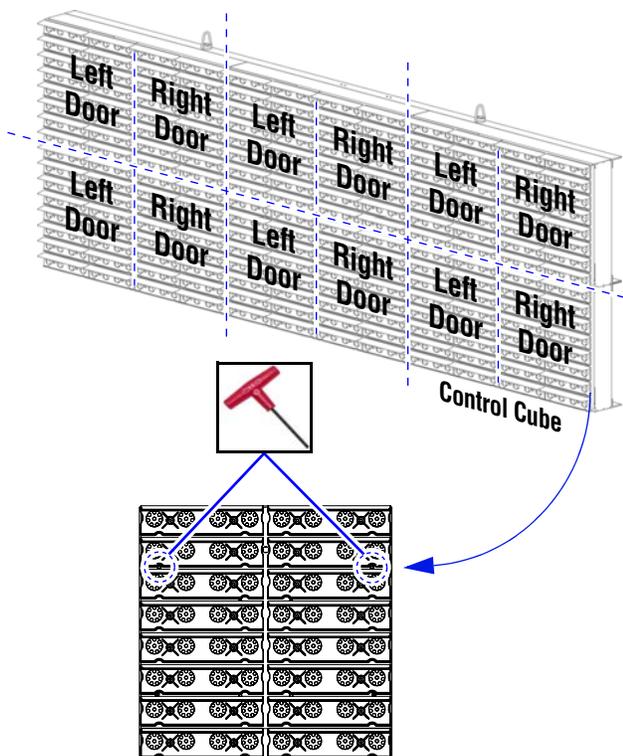
Tools & Equipment	EX	RS	SS
Ethernet/Ethernet Crossover Cable	X	X	X
Computer or laptop	X	X	X
Ooh!Media CD	X	X	X
5/32-inch hex tool		X	X
Wire cutters		X	X
Hammer		X	X
Flathead screwdriver		X	

EX - Excite, RS - RoadStar, SS - StreetSmart

Step 1: Install the hardware

Installing hardware for a RoadStar sign

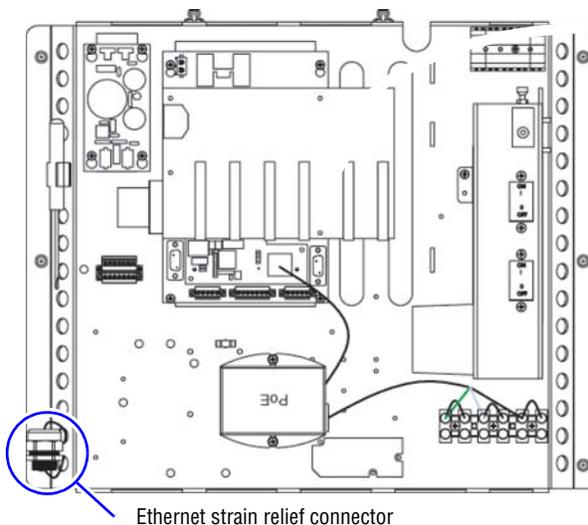
Open the door to the control cube.



1. Disconnect power to the sign at the power source.
2. Locate the control cube. As you are facing the sign front, the control cube is in the bottom right corner.
3. Locate the two locks on the right door.
4. Use a 5/32-inch hex tool to open both door locks.
5. Carefully pull the top of the door back toward you to open.

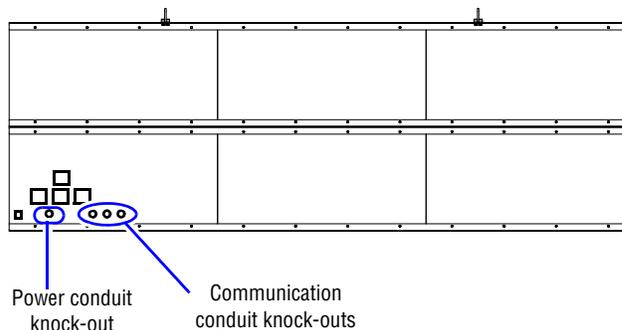
Remove the Ethernet strain relief connector

The Ethernet strain relief connector is shipped tie-wrapped to the controller plate. Use wire cutters to cut the tie-wrap.



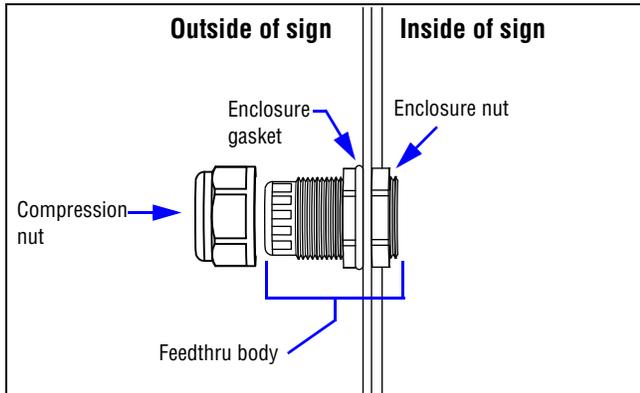
Remove one of the communication conduit knock-outs

Using a hammer and a flathead screwdriver, carefully punch out one of the communication conduit knock-outs on the back of the control cube.



Install the Ethernet strain relief

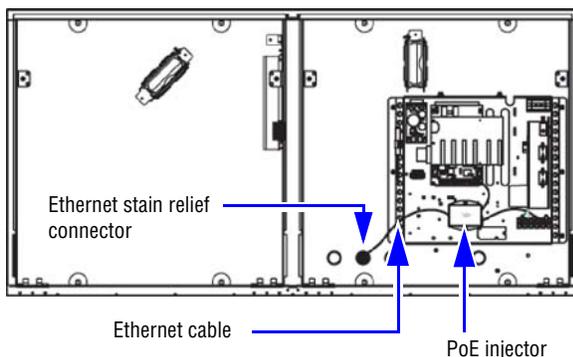
The Ethernet strain relief is used to weatherproof the Ethernet cable entry to the sign's controller.



1. Disassemble the Ethernet strain relief connector assembly. Do not remove the rubber enclosure gasket on the feedthru body.
2. From the outside of the sign insert the enclosure gasket end of the feedthru body into the communication conduit knock-out.
3. On the inside of the sign, install the enclosure nut onto the feedthru body.
4. While holding the feedthru body, hand tighten the enclosure nut.

Connect the Ethernet cable

1. Route the RJ45 connector of the Ethernet cable through the compression nut, compression gasket, and feedthru body into the sign.
2. Connect the RJ45 connector to the Ethernet port on the PoE injector, leaving a little slack inside the sign.

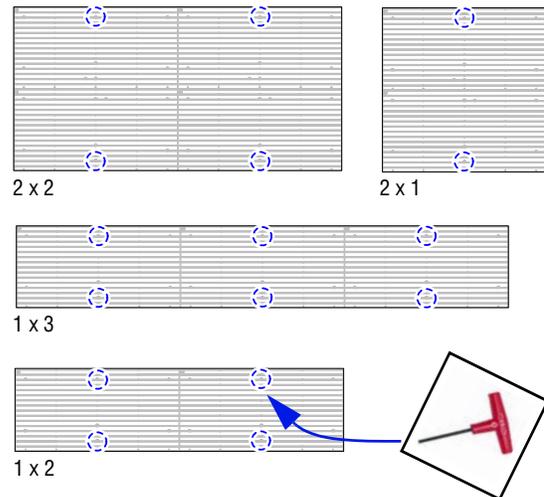


3. Tighten the compression nut until the compression gasket is tight around the cable. It is tight enough when you pull on the cable and it doesn't move. To improve the seal around the Ethernet cable, wrap the cable with electrical tape or a short length of tubing.
4. Close the sign and reconnect power for testing.

Installing hardware for a StreetSmart sign

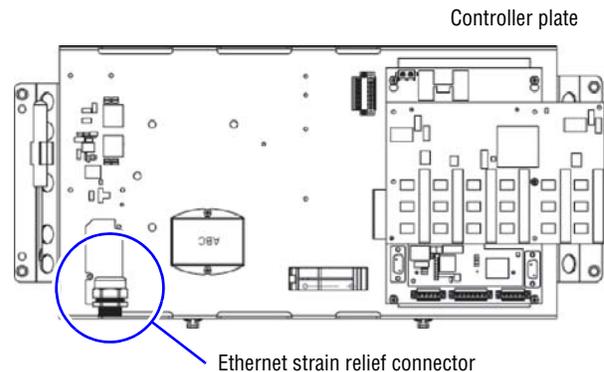
Open the door to the control cube

1. Disconnect power to the sign at the power source.
2. Locate the control cube. As you are facing the front of the sign, the control cube is in the bottom right corner.
3. Locate the door locks (see the following diagram).
4. Use a 5/32-inch hex tool to open the door locks for the control cube.
5. Carefully pull the top of the door back toward you to open.



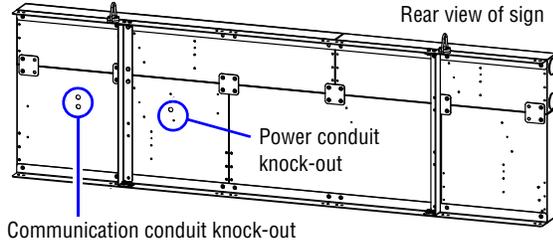
Remove the Ethernet strain relief connector

The Ethernet strain relief connector is shipped tie-wrapped to the controller plate. Use a wire-cutter to cut the tie-wrap.



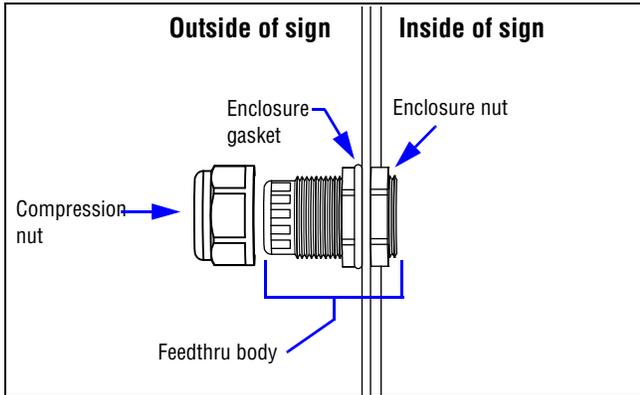
Create an entry point for the Ethernet cable

Remove the communication conduit knock-out. Using a hammer and a flathead screwdriver, carefully punch out the communication conduit knock-out on the back of the control cube.



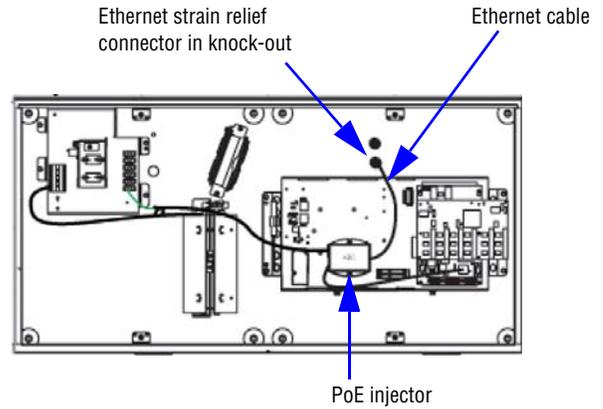
Install the Ethernet strain relief

The Ethernet strain relief is used to weatherproof the Ethernet cable entry to the sign's controller.



1. Disassemble the Ethernet strain relief connector assembly. Do not remove the rubber enclosure gasket on the feedthru body.
2. From the outside of the sign insert the enclosure gasket end of the strain relief assembly into the communication conduit knock-out or the previously drilled hole.
3. On the inside of the sign, install the enclosure nut onto the feedthru body.
4. While holding the feedthru body, hand tighten the enclosure nut.

Connect the Ethernet cable



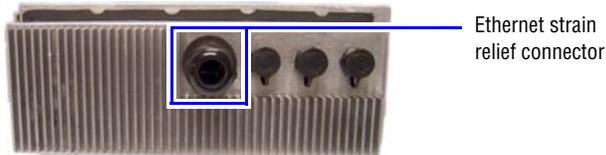
1. Route the RJ45 connector of the Ethernet cable through the compression nut, compression gasket, and feedthru body into the sign.
2. Connect the RJ45 connector to the Ethernet port on the PoE injector, leaving a little slack inside the sign.
3. Tighten the compression nut until the compression gasket is tight around the cable. It is tight enough when you pull on the cable and it doesn't move. To improve the seal around the Ethernet cable, wrap the cable with electrical tape or a short length of tubing.
4. Close the sign and reconnect power for testing.

Installing hardware for an Excite sign

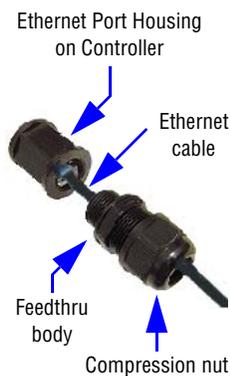
Install the Ethernet weather seal assembly

The Ethernet weather seal assembly is used to weatherproof the Ethernet cable entry to the sign's controller.

View of the controller box on the back of the Excite control case.

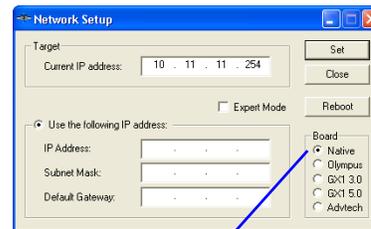


1. Remove and disassemble the Ethernet strain relief connector from the back of the controller box.
2. Route the RJ45 connector on the Ethernet cable through the Ethernet strain relief connector.
3. Plug the RJ45 connector into the sign controller's Ethernet port housing.
4. Tighten the feedthru body onto the Ethernet port housing on the controller.
5. Tighten the compression nut until the compression gasket is tight around the cable. It is tight enough when you pull on the cable and it doesn't move.



Step 2: Install Ooh!Media

1. 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:\amp!ayer** (use the correct letter for your CD-ROM drive if not D) and click **OK**.
2. On the first screen, click the **Install Ooh!Media** button and follow the instructions.
3. In the Network Setup window, set the IP address information. You will need most of this from your network administrator.



Select **Native**.

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

4. Click **Set**. If the Login prompt appears, enter your password, click **OK** and then click **Close** in the Network Setup window. By default, the password is set to **ooh**.

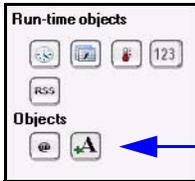
Step 3: Send a test message

1. Start Ooh!Media.

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



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

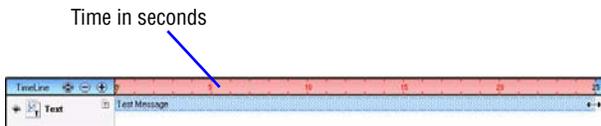


A new text message box appears in Ooh!Media.

3. Highlight the text inside the message and type an appropriate test message.

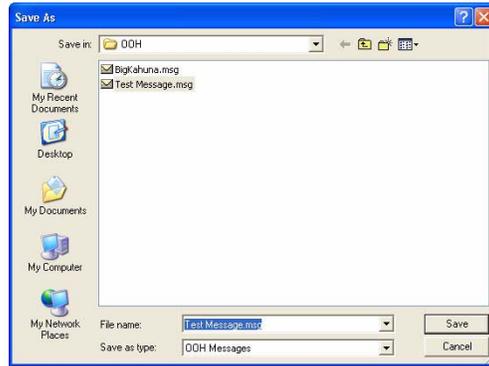


4. Extend the length of the message by stretching it in the Timeline (see figure below).



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

5. Click the disk icon to save the message.
6. Name the message and click **Save**.



7. Click the send message icon to send the message to the sign.



8. Verify the message appears on the sign.