Projecting Over a Network

Once you've turned on the projector, follow these steps to start the Epson Client and projector wirelessly over the network.

1. Switch the projector input to the EasyMP screen.

2. **Windows**: Select Start > Programs or All Programs > Epson > Epson Client
   
   **Macintosh**: Double-click the EMP NS Connection icon in your Applications folder.

3. If you see a message asking you to disable the firewall, click Yes to make an exception for the projector and allow projection.

   ![EMP NS Connection Ver. 2.30](image)

   In Windows Vista, click Continue when the User Account Control screen appears.

   You see the screen below.

   ![Select projector](image)
If the connection is working properly, you see your projector listed. If you have additional Epson projectors on the network, they are also listed, along with their status.

The status is indicated next to each projector’s name.

4. Once the name of your projector appears, select it and click Connect. If more than one projector is listed, you can select additional ones and connect to them (up to four) at the same time.

If the selected projector is already being used by another person, you can still connect to it (unless it is “locked”); doing so automatically disconnects the other user. If a projector is locked, you won’t be able to connect to it when it is in use.

If you don’t see the projector, follow the suggestions on page 92.

5. Once the connection is established, you see your computer’s image transmitted to the screen, and a floating control bar on your computer desktop:

![Control Bar](image)

6. If necessary, you can drag the control bar out of the way on your screen.

7. When you’re done with your presentation, click Disconnect on the control bar.
Solving Connection Problems

If you don’t see your projector, check the following:

1. Make sure your wireless signal is strong enough to establish a connection. If you have a Mac, check the AirPort icon on the Mac menu bar. For Windows, see the documentation for your access point or wireless network card or adapter.

2. Make sure you’re trying to connect to the right network. In Windows, verify that you’ve enabled your computer’s connection to the access point or that your wireless card or adapter is enabled, and that its SSID matches the projector’s SSID (or ESSID). On a Macintosh, check the AirPort status menu (click the AirPort icon on your menu bar) to make sure AirPort is turned on and the projector’s SSID or your AirPort network is selected.

3. Make sure you aren’t projecting one of the EasyMP configuration screens. (You should see a message that the projector is ready to connect.) If you have to exit a configuration screen, restart NS Connection.

4. Make sure the SSID for your projector matches the SSID for your wireless card, adapter, or access point. If you have an AirPort base station, make sure the projector’s SSID matches the AirPort network name. Remember that the SSID is case-sensitive.

5. Check the IP address for both your projector and your wireless card, adapter, access point, or AirPort base station. The first three segments of the IP address should be identical. The last segment of the projector’s IP address should be close, but not identical, to the last segment of the IP address for your wireless interface, access point, or base station.

6. Restart your computer and start NS Connection again.

7. If you still don’t see your projector, follow the instructions in “Connecting in Advanced Connection Mode” on page 94 to connect to the projector.

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**note**
If none of these suggestions work, see the troubleshooting information beginning on page 191.

**note**
The AirPort network name may be different than the AirPort base station name. To check the network name, start the AirPort Admin utility, select your base station, and click Configure. Then click Show All Settings. The network name appears on the AirPort tab.
## Using the Control Bar

From the control bar, you can access these Epson Client features:

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="All" /></td>
<td>Displays the Select target projector dialog box.</td>
</tr>
<tr>
<td><img src="image2.png" alt="Stop" /></td>
<td>Stops projection of computer images while connecting to the projector.</td>
</tr>
<tr>
<td><img src="image3.png" alt="Projection" /></td>
<td>The projector projects the computer image.</td>
</tr>
<tr>
<td><img src="image4.png" alt="Pause" /></td>
<td>Pauses projection of computer images. Click again to restart projection.</td>
</tr>
<tr>
<td><img src="image5.png" alt="Start" /></td>
<td>Starts Presentation Mode for the selected projector. In Presentation Mode, only your slideshow images are projected. See page 103.</td>
</tr>
<tr>
<td><img src="image6.png" alt="Control" /></td>
<td>Displays the Projector Control screen, which allows you to enable A/V Mute, switch the PC source, or switch the video source.</td>
</tr>
<tr>
<td><img src="image7.png" alt="Multi" /></td>
<td>Allows you to set up Multi-screen display and see a preview of how the images will appear on each screen. See page 98.</td>
</tr>
<tr>
<td><img src="image8.png" alt="Settings" /></td>
<td>Displays the Projector Settings dialog box.</td>
</tr>
<tr>
<td><img src="image9.png" alt="Movie" /></td>
<td>Starts Movie Sending Mode for projecting MPEG2 and WMV videos from your computer. See page 102.</td>
</tr>
<tr>
<td><img src="image10.png" alt="Disconnect" /></td>
<td>Disconnects the connection to the projector.</td>
</tr>
<tr>
<td><img src="image11.png" alt="Change" /></td>
<td>Changes which buttons are displayed on the control bar.</td>
</tr>
</tbody>
</table>

**Note**  
Movie Sending Mode does not work with DVD movies.

Clicking one of the buttons on the control bar may cause a submenu to appear above the control bar.  

When you’re done, click the arrow in the upper right corner to close the submenu.
Projecting Video Clips

You can project full-screen MPEG2 and WMV video clips with audio in real time (30 frames per second). For best performance, advanced wireless mode, 802.11g, or 802.11a are recommended.

1. Click the Movie Sending Mode button on the Epson Client toolbar.

2. If you are connected to more than one projector, select the one you want to use for the video.

3. Click the Select file button. Locate the video you want to project and click Open.

4. Use the standard playback buttons on the screen to start, pause, rewind, and control other video functions.

5. When you’re finished projecting video, click the Close button on the screen.

Note
Only MPEG1-Layer2 audio is supported. The maximum supported MPEG2 video resolution is 720 x 480 NTSC or 720 x 756 PAL (without audio).

Note
The video will be projected on the screen, but will not appear on the host computer.
Using Special Presentation Modes

Your projector provides several features that allow you to show presentation slides to your audience and hide other activity on your laptop. Both work with PowerPoint in Windows and Keynote® on Macintosh.

- Presentation Mode displays only slides to your audience and hides other activity on your computer.

Using Presentation Mode

In Presentation Mode, the projector shows a black screen (or an image of your choice) while you search for files or perform other activities on your laptop. When you start a PowerPoint (Windows) or Keynote (Mac) slideshow, the projector shows your slides.

1. Click the Presentation Mode button on the Epson Client toolbar. The projector displays a black screen with the Epson logo.

2. Open your presentation in PowerPoint or Keynote.

3. In PowerPoint, open the Slide Show pull-down menu and select Set Up Show. Set the Multiple monitors box to Display slide show on Monitor 2. Then click OK.

4. In Keynote, select Preferences. Set the Presentation Mode to Present on secondary display.

5. Start your slideshow. The projector displays your slides. When you finish your slideshow, the projector again displays a black screen.

6. When you want to exit Presentation Mode, click the Presentation Mode button on the Epson Client toolbar.