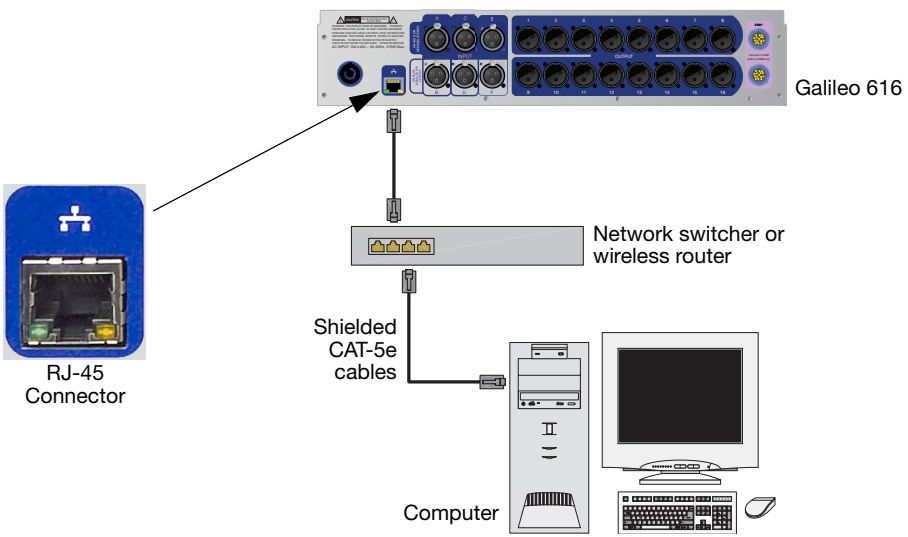
Galileo™ Remote Computer Control

To control the Galileo remotely from a computer:

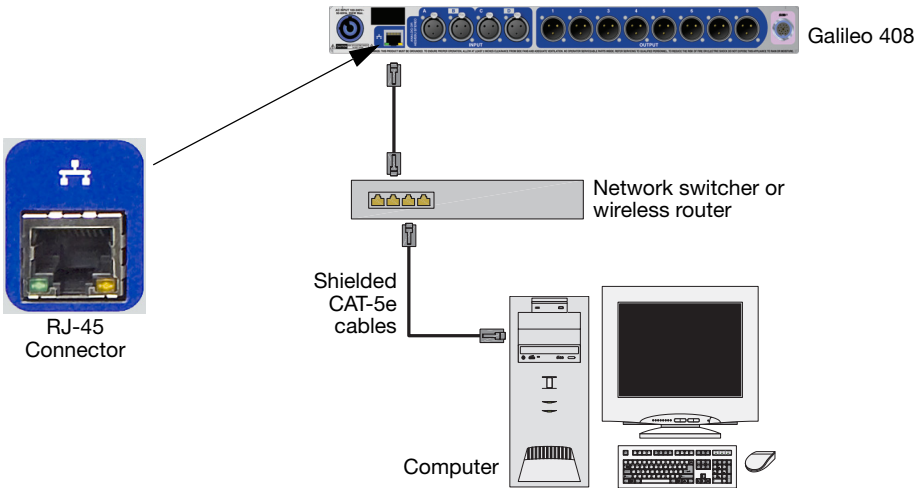
1. Attach the Galileo to the computer's Ethernet port or to a network router or network switch.
2. Configure the computer's network settings.
3. Configure the Galileo's network settings.
4. Launch and configure the Compass control software.

Attaching the Galileo to Your Computer

The Galileo's RJ-45 port connects to a standard computer Ethernet port, router, or switcher with shielded CAT-5e cables. The Ethernet connection allows the unit to be controlled remotely from a Mac® or Windows® computer running the Compass control software. Bi-directional communication ensures that the current settings, whether changed from the Galileo front panel or from the Compass software, are always in sync.



Galileo 616 Connected to Computer



Galileo 408 Connected to Computer

NOTE: When connecting the Galileo to a computer through a router, make sure the router is appropriately configured.

Galileo Network Settings and IP Address

The IP address for the Galileo is set to DHCP (Dynamic Host Control Protocol) by default. DHCP allows the Galileo, or multiple Galileos, to be easily attached to a computer with minimal setup. The Galileo can also be set to a static IP address. When using a static IP address, the computer (as well as the router, if you are using one) must be set to the same IP network range as the Galileo.

NOTE: The network settings and IP address for the Galileo 616 can be configured from its front panel on the System Settings > Network page. To configure the network settings and IP address for the Galileo 408, you must use the Compass control software (see “Using the Compass Control Software” on page 3). The network settings and IP address for the Galileo 616 can also be configured from the Compass control software.

Resetting the Galileo 408 to DHCP from the Front Panel

If the Galileo 408 has been set to a static IP address, you can easily reset it to DHCP from the front panel.

To reset the Galileo 408 to DHCP from the front panel:

1. Power down the Galileo 408 and wait several seconds.
2. While pressing the Panel Mute switches for channels 4, 7, and 8, power up the Galileo 408.
3. When the Galileo 408 power light changes from amber to green, release the Panel Mute switches.

TIP: The network settings and IP address for the Galileo 408 can be configured with the Compass control software. For more information, see “Configuring Galileo Network Settings in the Compass Control Software” on page 6.

Using the Compass Control Software

Computer Requirements for the Compass Control Software

- 2 GB RAM
- 2 GHz processor or faster
- Windows Vista; Windows XP SP3 or later; or Mac OS 10.4.11 or later

Installing and Launching the Compass Control Software

To install and launch the Compass control software:

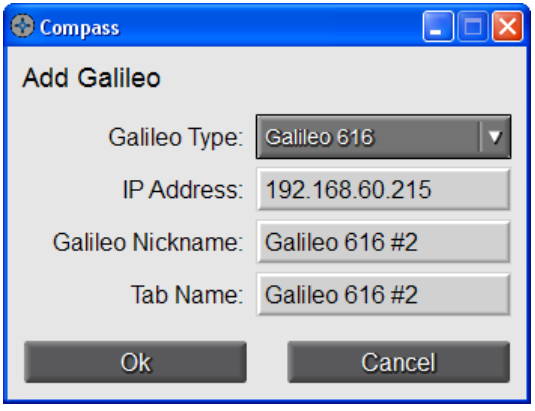
1. Install the Compass control software:

- For Windows, run the Setup program from the Compass Installer disc.
- For Mac, drag the Compass software from the Compass Installer disc and extract it to your computer’s hard drive.

2. Double-click the Compass program to launch it. The **Galileo** tab displays a list of connected Galileos. If the Compass program is not configured to automatically detect Galileos when launched, or if you want to search for Galileos recently connected to your computer, click **Find Galileos**.

3. To add a virtual Galileo, do the following:

- On the Galileos tab, click **Add Galileo**.
- In the Add Galileo dialog box, select the **Galileo Type** (Galileo 616 or Galileo 408) and then enter a fictional **IP Address** (for example, 1.2.3.4), **Galileo Nickname**, and **Tab Name**. Click **OK**. The new Galileo is added appears on the Galileos tab.



- To display demo meters for the virtual Galileo, on the Galileos tab, in the **Meters** column for the new Galileo, click None so it changes to “Demo.”

- In the Virtual column for the new Galileo, click **Use Virtual** to make the device a virtual Galileo. A blue tab is created at the top of the screen for the new Galileo.

- Click the blue tab for the new virtual Galileo to display its settings. Galileo settings are organized in groups of sub tabs: Project, Settings, Galileo Map, Input Processing, Output Processing, Summing Matrix, Input Masters, and Output Masters.

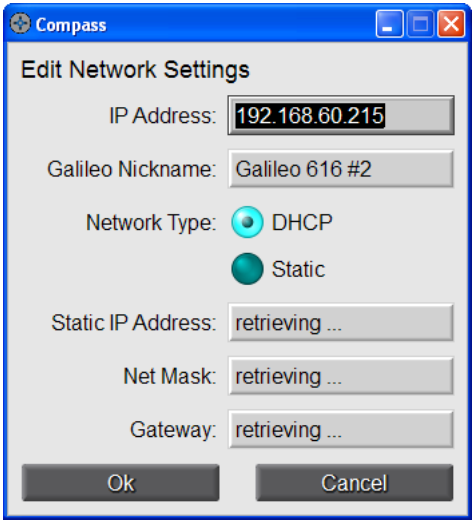
4. Click the **Compass** tab to display global properties for the Compass software.

Configuring Galileo Network Settings in the Compass Control Software

To configure the network settings and IP address for the Galileo 408, you must use the Compass control software. The network settings and IP address for the Galileo 616 can be configured from either its front panel or with the Compass control software.

To configure Galileo network settings in the Compass control software:

1. In the Compass control software, click the tab for the Galileo you want to configure.
2. On the Settings > Network page, click **Edit Network Settings**.
3. In the Network Settings dialog box, select one of the following options:



- Select **DHCP** to use the Dynamic Host Control Protocol.
- Select **Static** to use a static IP address. Enter a Static IP Address, Net Mask, and Gateaway.

4. Click **OK** to close the Network Settings dialog box.

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Galileo Quick Start Guide

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