Epygi Server
VoIP Ceiling Speaker
Setup Guide

1.0 Setup Diagram

Figure 1 is a setup diagram for a single Speaker configuration. In this configuration, the Speaker acts as a standalone SIP telephony device.

Figure 1. Setup Diagram

IP Phone
IP Address:_____

Server
IP Address:_____

CyberData VoIP Speaker
IP Address:_____

NetGear EtherFast FS108P Fast Ethernet Switch
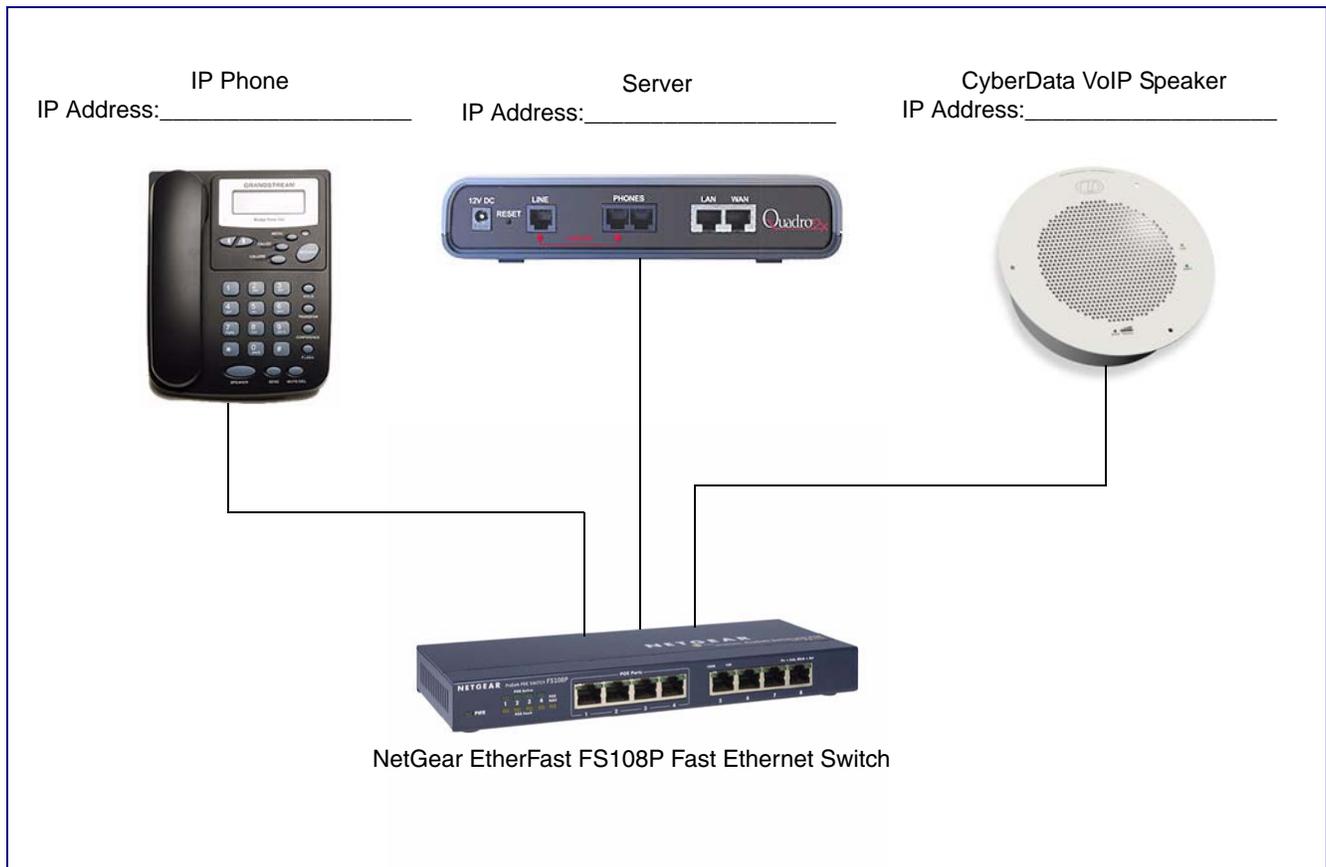
2.0 Host Environment

Table 1. Host Environment Details

	Description
Hardware Type	Quadro
Hardware Version	2x
Software Type	Quadro
Software Version	5.0.17

3.0 Test Setup Equipment

Table 2. Test Setup Equipment

Equipment	Model	Version
Grandstream	BudgeTone-100	
Notes:		
NetGear EtherFast FS108P Fast Ethernet Switch		
Notes:		
VoIP Speaker	010844D	4.0.5
Notes:		
Notes:		
Notes:		
Notes:		
Notes:		
Notes:		
Notes:		

4.0 Setup Procedure

4.1 Epygi Server Configuration

To configure the Epygi server,

1. Navigate your web browser to the Epygi Quadro **Login** page and do the following:
    *   Type the username or extension number into the **Username/Extension** field.
    *   Type the password into the **Password** field.
    *   Click on the **Login** button.

Figure 2. Login Page
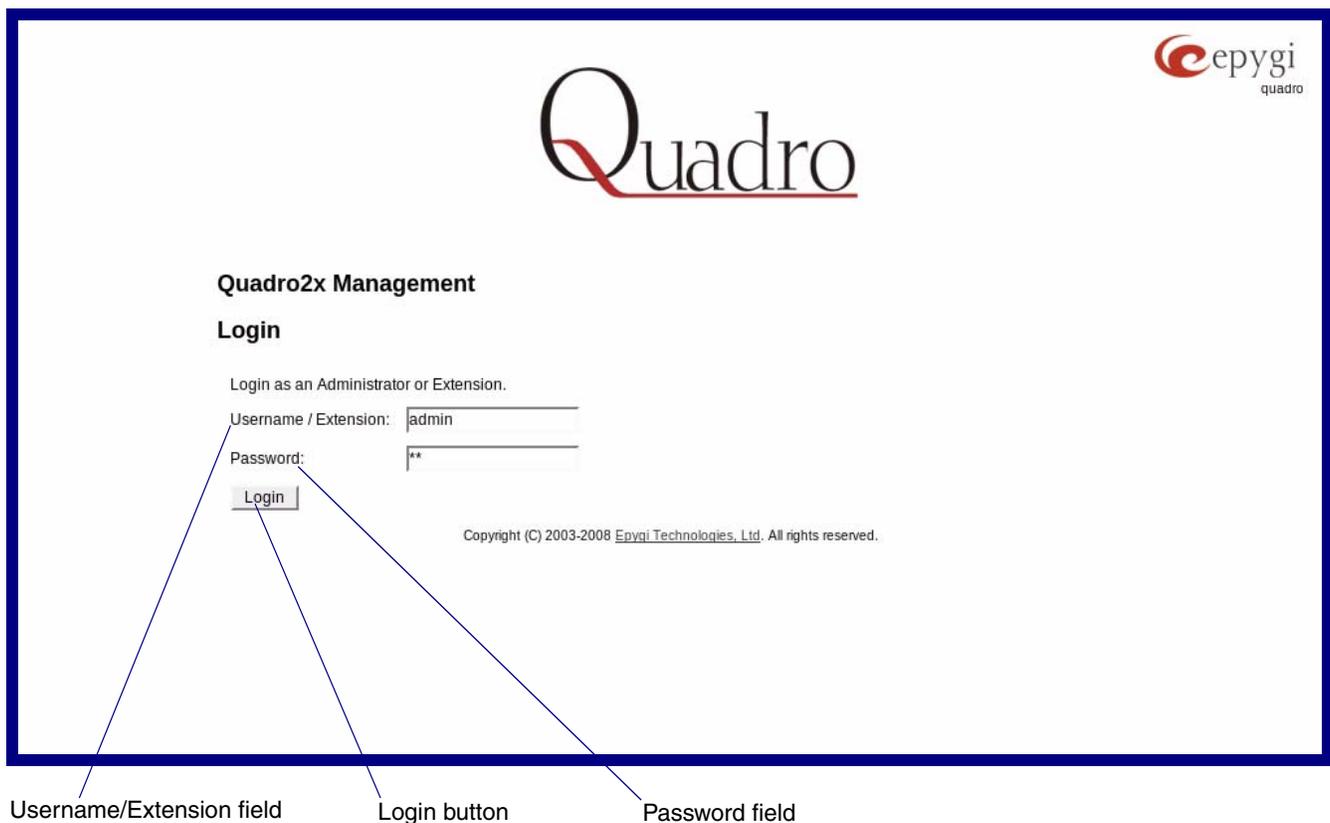
2. On the Main Page (Figure 3), click on **Telephony**, and then select **Line Settings** in the pull-down menu.

Figure 3. Main Page

Telephony

3. On the **Line Settings** page (Figure 4), complete the following steps:

- Click on **IP Line Settings**.
- Select a line to configure for the Speaker and click on a IP Line Number.

Figure 4. Line Settings Page

4. On the **IP Line Settings - IP Line [Number]** page (Figure 5), complete the following steps:

- Select **SIP Phone**.

- In the **Phone Model** drop-down menu, select **Other**.

- Decide what you want the username and password to be, and then type the username and password into the **Username** and **Password** fields.

  Note Be sure to write down the username and password that you have chosen because you will need to type this information into the **SIP Setup** page (Figure 7 of Section 4.2, "CyberData Configuration".

- Click on the **Save** button.

Figure 5. IP Line Settings - IP Line [Number] Page

Save   SIP Phone   Password   Username   Phone Model drop-down menu

4.2 CyberData Configuration

To configure the CyberData parameters,

1. Log into the CyberData Configuration Home page (Figure 6) by pointing your browser to the Speaker's IP address.

Figure 6. CyberData Home Page
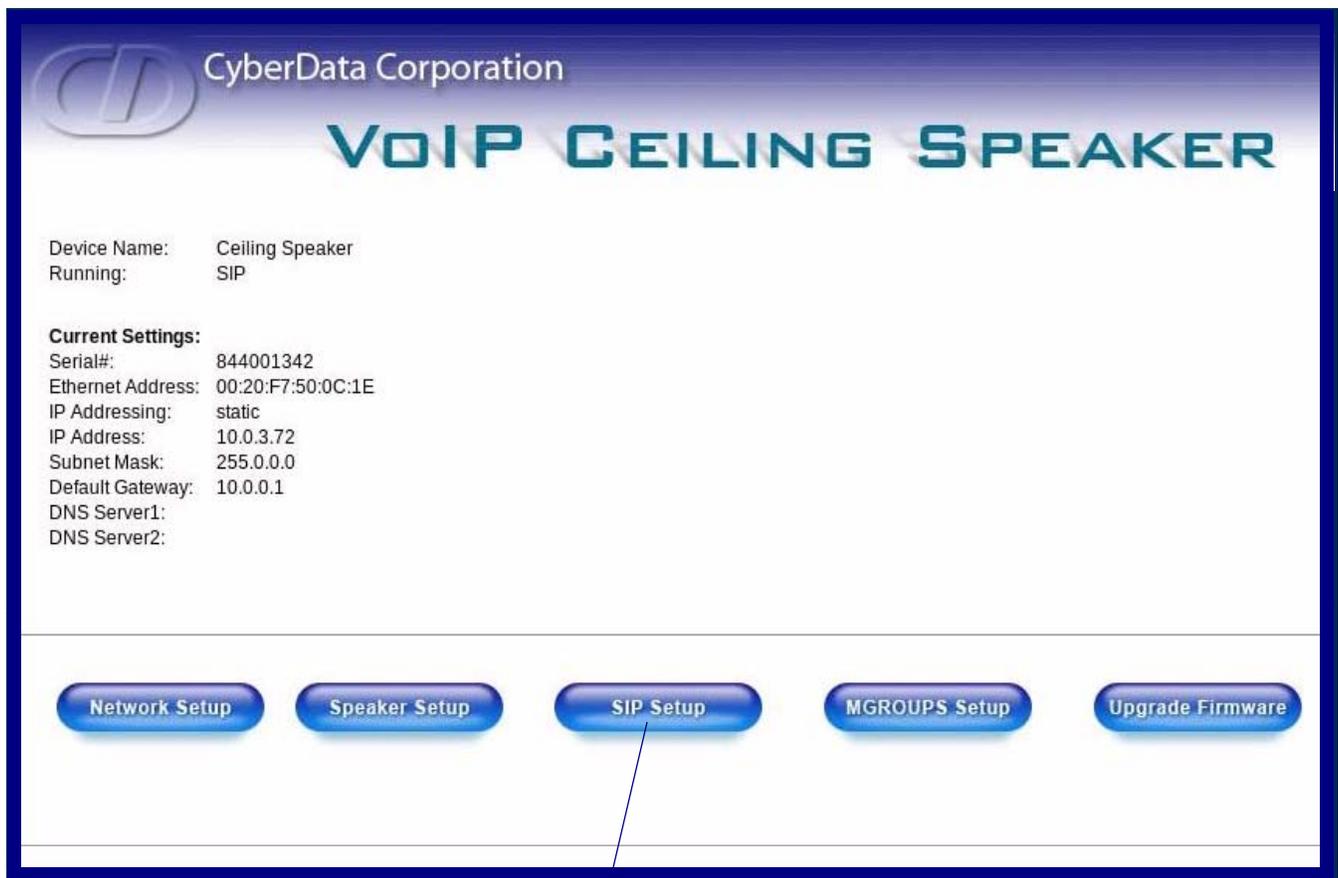
SIP Setup button

For the initial configuration of the Speaker, refer to the Operation Guide of the Speaker that you have which can be found at the following web address:

http://www.cyberdata.net/support/download.html

Note You may also download CyberData's VoIP Discovery Utility program which allows you to easily find and configure the default web address of the CyberData VoIP Intercom. CyberData's VoIP Discovery Utility program is available at the following web address:

http://www.cyberdata.net/support/voip/discovery_utility.html

2. Type the username and password to log into the **CyberData Home Page**.

3. On the **CyberData Home Page** (Figure 6), click on the **SIP Setup** button. This will take you to the **SIP Setup** page (Figure 7).

Figure 7. CyberData SIP Setup Page

Save Settings button

4. For a quick summary of all of the necessary settings on the **SIP Setup** page (Figure 7), see Table 3. For a step-by-step description of the necessary settings, go to Step 5.

   Note   If a setting parameter is not listed in Table 3 or Step 5, then your input for that setting parameter is not required.

Table 3. SIP Setup Page Settings

SIP Setup Page Items	Setting
SIP Server	Type the IP address of the Epygi server.
SIP User ID	Type the username that you selected in Step 4 of Section 4.1, "Epygi Server Configuration".
Authentication ID	Type the username that you selected in Step 4 of Section 4.1, "Epygi Server Configuration".
Authentication Password	Type the password that you selected in Step 4 of Section 4.1, "Epygi Server Configuration".
SIP Registration	Select **Yes**.
Unregister on Reboot	Select **No**.
Register expiration (minutes)	Type **2**.
Save Settings button	Click on the **Save Settings** button only after you have finished configuring all of the settings on the **SIP Setup** page.

5. On the **SIP Setup** page (Figure 7), complete the following steps:

   • In the **SIP Server** field, type the IP address of theEpygi server.

   • In the **SIP User ID** field, type the username that you selected in Step 4 of Section 4.1, "Epygi Server Configuration".

   • In the **Authentication ID** field, type the username that you selected in Step 4 of Section 4.1, "Epygi Server Configuration".

   • In the **Password** field, type the password that you selected in Step 4 of Section 4.1, "Epygi Server Configuration".

   • For **SIP Registration**, select **Yes**.

   • For the Unregister on Reboot field, select **No**.

   • In the **Register expiration (minutes)** field, type **2**.

6. Click on the **Save Settings** button.

7. After clicking on the **Save Settings** button, a reboot timer countdown will begin.

Figure 8. Reboot Timer
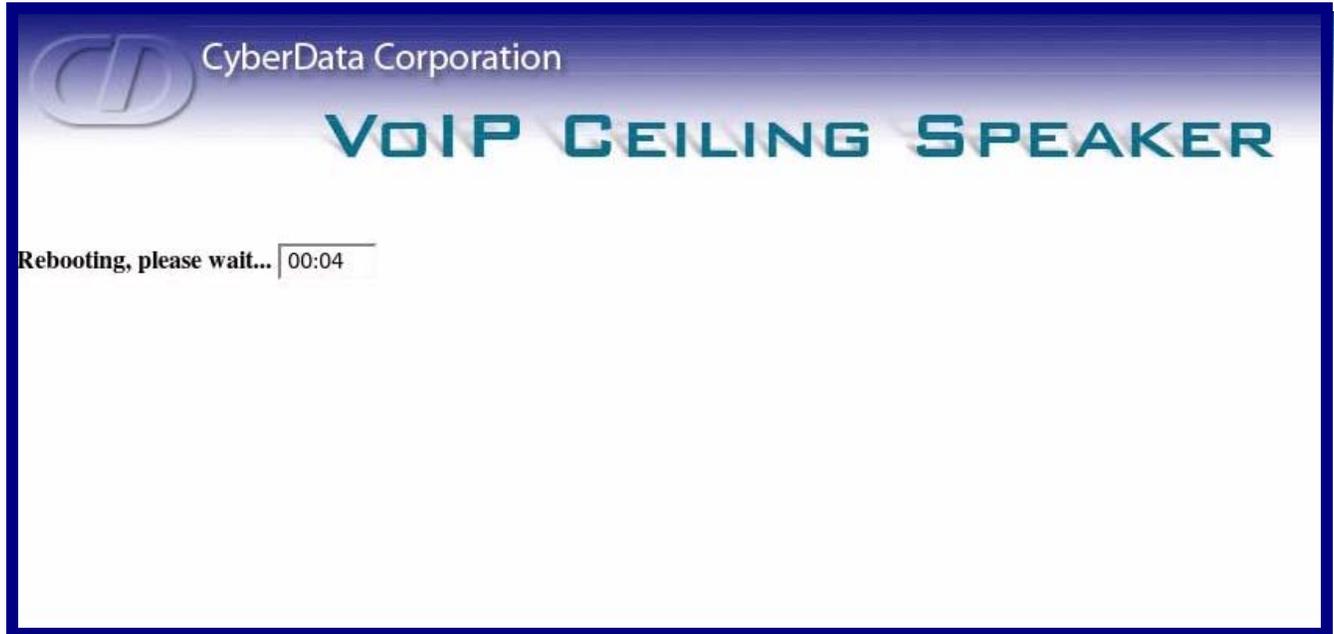
8. After the Speaker reboots, the green **Status** LED will blink at one second intervals to indicate normal operation.

   Note   If **Yes** is selected for **Speaker Beep After Initialization** on the **Setup** page of the Speaker (not shown), you will hear a tone after the initialization sequence is complete.

9. To test the Speaker, complete the following steps:

   • Pick up any phone that is configured to the Epygi system and call the Speaker's extension number.

   • When a connection is established (as indicated by a beep), speak into the phone and verify that you can hear your voice through the Speaker.

This step completes the procedure.