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Interoperability Guide

ClearOne has tested the CHAT 150 (software version 2.0.28 / firmware version 39) with numerous communication devices to ensure interoperability and provide optimal audio quality. The following table describes the interface cables required to connect the CHAT 150 to a specific device, and provides configuration recommendations to get the most out of your CHAT 150. If you have any further questions, please contact ClearOne Technical Support.

Device Type	Product	Interface Cable	Configuration Recommendations
VoIP Softphones	Avaya SIP Softphone	USB Cable	1. Open the **Configuration** menu in Avaya softphone and select **Audio Setting**. 2. Select **Headset** or **Handset** for sound device. 3. Connect the CHAT 150 to the PC and run the **Windows Audio Tuning Wizard** for optimum performance.
	Cisco IP Communicator		1. Open the **Audio Setting** page in Cisco IP Communicator. 2. Select **CHAT 150** as headset device for the softphone. 3. Connect the CHAT 150 to the PC then run the **Window Audio Tuning Wizard** for optimal performance. **NOTE**: Using the CHAT 150 as the speaker phone for Cisco IP Communicator will result in echo.
	Avaya IP Softphone		N/A
	Mirial Softphone		N/A
	Xten eyeBeam		N/A
	ExpressTalk		N/A
	SJPhone		N/A
	PC Gphone		N/A
USB 1.1 Web Cameras	All	USB Cable	CHAT 150 is a wideband audio device that can consume up to 35% of USB 1.1 bandwidth. Some USB 1.1 Web cameras consume in excess of 75% of available bandwidth. When used simultaneously, the two devices can exceed 100% of available bandwidth, causing Windows to display an "***Exceeded USB available bandwidth***" error message. There are two options to correct this issue: 1. Use the camera software or video device driver to reduce the camera's frame rate (and bandwidth utilization). 2. If your computer has two or more USB ports, place the CHAT 150 on USB port 1 and the Web camera on USB Bus 2.

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CHAT 150 Personal Speaker Phones

Device Type	Product	Interface Cable	Configuration Recommendations
Avaya Enterprise Telephone Handsets	Avaya 2410, 2420, 4610, 4621, 9620L, 9630	CHAT 150 Avaya Breakout Box	Choose the appropriate Avaya telephone model from the **Device Setup** screen of the CHAT software.
Cisco Enterprise Telephone Handsets	Cisco 7940, 7960, 7970	CHAT 150 Cisco Breakout Box	Choose the appropriate Cisco telephone model from the **Device Setup** screen of the CHAT software.
Windows Computers	All	USB Cable	The CHAT 150 is compatible with all versions of Windows 2000, XP, Vista and 7.
Video Conferencing	Polycom PVX	USB Cable	1. Select **CHAT 150** as the audio device in the PVX software. 2. Disable **Echo Cancellation** in the PVX software for optimum performance.
	Sony PCS-TL50	VC Breakout Box (ClearOne P/N: 860-156-230)	Set **Echo Cancellation** to **Off** and the microphone to **Internal** on the **Audio Setting** page in the PCS-TL50 software.
Internet Telephones	Skype	USB Cable	1. Open the **Tools** menu in Skype and select menu option **2**. 2. Select **Sound Devices**. 3. Select **CHAT 150** as Audio In and Audio Out device from the combo box.
	Vonage		N/A
Web Conferencing	Microsoft Netmeeting	USB Cable	1. Go to the **Tools** menu in NetMeeting and run the **Audio Tuning Wizard**. 2. Set **CHAT 150** as default microphone and speaker. 3. Open the **Call Setup Assistant** and follow the prompts.

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Device Type	Product	Interface Cable	Configuration Recommendations
Instant Messaging	Microsoft MSN Messenger	USB Cable	1. Open the **Tools** menu and select **Audio and Video Setup**. 2. Click **Next** and select **CHAT 150** as the speaker. 3. Ensure the "***Are you using headphones?***" checkbox is unchecked. 4. Click **Next** and select **CHAT 150** for the microphone. 5. Click **Next** to complete setup.
	Yahoo Chat		1. Open ***Messenger***/***Preferences***/***Calling and Audio*** page in Yahoo Chat. 2. Select **CHAT 150** as default microphone and speaker. 3. Open the **Call Setup Assistant** and follow the prompts.
	Google Talk		1. If it is not conected to your PC prior to opening Google Talk, you may need to select the **CHAT 150** as your default audio device. 2. Select **Settings** then **Audio**. 3. In the ***Input*** box, select **CHAT 150** from the drop down. Also, uncheck the **Automatically Adjust Microphone Sensitivity** checkbox. 4. In the ***Output*** box, select **CHAT 150** for ***Notifications*** and for ***Calls***. 5. Click **OK** to save the changes.
	AOL Aim		N/A
	Team Speak		N/A
	Ventrilo		N/A

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