CHAT® 50 INTEROPERABILITY GUIDE

ClearOne has tested the CHAT 50 (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 50 to a specific device, and provides configuration recommendations to get the most out of your CHAT 50. If you have any further questions, please contact ClearOne Technical Support.

Device Type	Product	Interface Cable	Configuration Recommendations
Telephone	Cisco 79XX Handset	Cisco Telephone Adapter Cable (ClearOne P/N: 830-159-007)	1. Connect to Cisco telephone via the RJ-9 headset port with the ClearOne adapter cable. 2. Set Cisco headset volume to maximum level for best performance with CHAT 50.
	Sipura SPA-841	3.5mm to 2.5mm Audio Cable (ClearOne P/N: 830-159-002)	1. Connect to Sipura telephone via the RJ-9 headset port with the ClearOne adapter cable. 2. Set Sipura headset volume to mid-scale for optimum performance with CHAT 50.
	Avaya 2410 Telephone	Avaya Telephone Adapter Cable (ClearOne P/N: 830-159-009)	NOTE: The CHAT 50 is NOT compatible with Avaya 2420 telephones.
	Avaya 4610 Telephone	Avaya Telephone Adapter Cable (ClearOne P/N: 830-159-009)	N/A
	Inter-Tel 86XX, 85XX, 84XX	Inter-Tel Telephone Adapter Cable (ClearOne P/N: 830-159-008)	N/A
	Inter-Tel Encore 1000,2000	Inter-Tel Telephone Adapter Cable (ClearOne P/N: 830-159-008)	N/A
Video Conferencing	Polycom PVX	USB Cable	1. Select CHAT 50 as the audio device in the PVX software. 2. Disable Echo Cancellation in the PVX software echo cancellation for optimum performance.
	Sony PCS-TL50	3.5mm Stereo to 2.5mm Split Out Adapter Cable (ClearOne P/N: 830-159-006)	1. Set Echo Cancellation off and microphone to internal on the Audio Setting page in the PCS-TL50 software. 2. Connect CHAT 50 to the 2.5mm microphone and headset ports on the PCS-TL50.

TABLE 1. CHAT 50 Interoperability

Device Type	Product	Interface Cable	Configuration Recommendations
VoIP Softphones	Avaya SIP Softphone	USB Cable	1. Open **configuration** menu in Avaya soft-phone and select **audio setting**. 2. Select **Headset** or **Handset** for sound device. 3. Connect CHAT 50 to PC and run Windows **Audio Tuning Wizard** for optimum perform-ance.
	Avaya IP Softphone		N/A
	Cisco IP Communicator		1. Open the **Audio Setting** page in Cisco IP Communicator. 2. Select **CHAT 50** as headset device for the softphone. 3. Run Window **Audio Tuning Wizard for** opti-mal performance. **Note**: Using the CHAT 50 as the speaker phone for Cisco IP Communicator will result in echo.
	Mirial Softphone		N/A
	Xten eyeBeam		N/A
	ExpressTalk		N/A
	SJPhone		N/A
	PC Gphone		N/A
Internet Telephones	Skype		1. Open the **Tools** menu in Skype and select menu option 2. 2. Select **Sound Devices**. 3. Select **CHAT 50** as Audio In and Audio Out device in combo box.
	Vonage		N/A

TABLE 1 (CONTINUED). CHAT 50 Interoperability

Device Type	Product	Interface Cable	Configuration Recommendations
Instant Messaging	Microsoft MSN	USB Cable	1. Open the **Tools** menu and select **audio and Video Setup**. 2. Click **Next** and select **CHAT 50** for speaker. 3. Ensure the **Are you using headphones** checkbox is unchecked. 4. Click **Next** and select **CHAT 50** 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 50** as default microphone and speaker. 3. Open the **Call Setup Assistant** and follow the prompts.
	AOL Aim		N/A
	Team Speak		N/A
	Ventrilo		N/A
USB 1.1 Web Cameras	All		CHAT 50 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 50 on USB port 1 and the Web camera on USB Bus 2.

TABLE 1 (CONTINUED). CHAT 50 Interoperability

Device Type	Product	Interface Cable	Configuration Recommendations
Cell Phones	Motorola - E1120, V557, V130 and Timeport - 260	3.5mm to 2.5mm Audio Cable	Set cell phone volume to mid-scale to prevent audio clipping.
	Nokia 6010, 6236		N/A
	Samsung SGH-C225		N/A
	LG VX 6000		N/A
	Audiovox CDM-9900		N/A
	Compaq Ipaq		N/A
	Sanyo VI 2300		N/A
Web Conferencing	Microsoft Netmeeting	USB Cable	1. Go to **Tools** menu in NetMeeting and run the **Audio Tuning Wizard**. 2. Set **CHAT 50** as default microphone and speaker. 3. Open the **Call Setup Assistant** and follow the prompts.
Business Telephones	Most	3.5mm to 2.5mm Audio Cable	The CHAT 50 works with almost all business telephones that have a 2.5mm audio jack.
Windows Computers	All	USB Cable	The CHAT 50 is compatible with all versions of Windows 2000, XP, Vista and 7.

TABLE 1 (CONTINUED). CHAT 50 Interoperability

> **CLEARONE LOCATIONS**