



Chat™ | 50 vs. Polycom Communicator C100s

Competitive Comparison
May 2007

Competitive Comparison Table

	ClearOne Chat™ 50	Polycom Communicator C100s
Photos and Sizes (photos at 1/3 scale)	 <p>Width 3.8" (9.7 cm)</p> <p>Depth 4.1" (10.4 cm)</p> <p>Height 1.8" (4.8 cm)</p>	 <p>Width 3.24" (8.23 cm)</p> <p>Depth 5.25" (13.33 cm)</p> <p>Height 0.85" (2.16 cm)</p>
MSRP	\$149	\$129
Connectivity	USB Telephone handsets Cell phones Desktop video conferencing devices iPods and other MP3 players	USB only
Applications	<ul style="list-style-type: none"> • PC: <ul style="list-style-type: none"> • Skype, Vonage, Google Talk • Web conferencing • Video conferencing • Enterprise VoIP softphones • IM with audio chat • Audio playback • Gaming • Telephones • Cell phones • Desktop video conferencing devices • iPods and other MP3 players 	Skype only <ul style="list-style-type: none"> • Does not connect to any other devices • Is focused solely on Skype (integrated Skype button) • Questionable performance even with other PC applications. According to Polycom FAQ on the Communicator: "Skype is the only application that is officially supported by Polycom Communicator model C100S. It is optimized for use with Skype, and if used with other Internet calling or voice applications, Polycom Communicator may experience diminished audio quality and/or loss of button functionality."
Audio Processing	<p>Built-in DSP - all audio processing takes place on the Chat 50 itself, utilizing ClearOne's market-leading algorithms for:</p> <ul style="list-style-type: none"> • Echo cancellation • Noise cancellation • Advanced input & output level management • 20Hz-20kHz full bandwidth frequency response for deep, rich sound 	<p>No on-board DSP processing - code is loaded onto hard drive of connected PC:</p> <ul style="list-style-type: none"> • Audio processing tasks compete for CPU resources with other PC applications such as video conferencing over internet • This could affect echo cancellation and duplex performance • No ability to ever connect to non-PC devices because it contains no built-in processing

Chat™ | 50 vs. Polycom Communicator C100s *continued*

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Expandability	<p>The base-model Chat 50 offers USB connectivity, and also comes bundled with various cables and accessories to enable additional connectivity for the road warrior or many other uses:</p> <ul style="list-style-type: none"> • Chat 50 USB (\$149) <ul style="list-style-type: none"> – device with USB cable • Chat 50 USB Plus (\$179) <ul style="list-style-type: none"> – adds power adapter, cell cable • Chat 50 USB Plus Int'l (\$189) <ul style="list-style-type: none"> – adds int'l power clips, cell cable • Chat 50 Global Traveler (\$209) <ul style="list-style-type: none"> – adds adds int'l power clips, cell cable, travel case, MP3 audio player cable 	None
Industrial Design	<p>No moving parts: durable, functional, attractive design:</p> <ul style="list-style-type: none"> • Puts microphone and speaker in optimal positioning without need for a stand • Professional, sleek design complements contemporary look of laptops, enterprise phones, cell phones, etc. 	<p>Moving part: design includes flip-out stand to prop unit up:</p> <ul style="list-style-type: none"> • Prone to breakage, particularly as a portable unit that will be taken in and out of bags, etc.
Audio Quality	<p>Deep, rich sound with the best full-duplex performance and echo cancellation in the category PC Magazine editor that gave the Chat 50 the Editors' Choice Award stated that it has "<i>excellent, full-bodied sound. I found the audio comparable to that of high-end Polycom conference-room models which cost far more.</i>"</p>	<p>Early testing by other parties (not yet tested by ClearOne) resulted in significant echo and poor duplex performance, particularly when switching between headset mode and speakerphone mode</p>
Warranty	Two Years	One Year
Product Awards	PC Magazine Editors' Choice Award - May 2006	None

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