ClearOne®

CHAT® | 50

Personal Speakerphone — and more!

A personal speakerphone — and more! The CHAT 50 connects to a wide variety of devices for hands-free communications and audio playback. A perfect personal solution for road warriors and others who want rich full-duplex audio that is portable and economical.

ELIMINATE THE NEED FOR A HEADSET FOR A VARIETY OF AUDIO DEVICES

APPLICATIONS

Internet Telephony
+ Skype, Vonage

Enterprise Telephones
+ Avaya, Cisco, Inter-Tel

VoIP Softphones
+ Avaya, Cisco, Nortel, Mirial

Cell Phones
+ Motorola, Nokia

Web Conferencing
+ IBM/Lotus Sametime
+ Microsoft Live Meeting, WebEx

Instant Messenger
+ AOL, Microsoft MSN, Yahoo

Desktop Video Conferencing
+ Polycom, Sony, Tandberg

Audio Playback
+ iPods
+ QuickTime, RealPlayer
+ Windows Media Player

PC-Based Gaming
+ TeamSpeak

ADVANTAGES

Crisp, Clear Audio
+ Advanced ClearOne audio processing technologies deliver remarkably rich, full audio for business class performance
+ True full duplex performance allows user to listen and speak at the same time without audio cutting in and out

Multiple Uses
+ Laptops, Macs and PCs - connect via USB for hands-free audio for:

> VoIP softphones
> Instant Messaging audio chats
> Web conferences
> Audio playbacks
> Online gaming with TeamSpeak

+ Telephones - enjoy significant audio quality improvement over built-in speaker
+ Cell phones - get full-duplex performance without a headset
+ Desktop video conferencing - obtain economical full-duplex performance over built-in audio
+ iPods & MP3 players - full-band frequency response delivers impressive audio

Hands-free Comfort
+ Move around freely without being tethered to PC or telephone with headset
+ Avoid discomfort to ears and fatigue caused by prolonged headset use

Convenience
+ Device is slightly bigger than a pack of cards, allowing for easy travel
+ Variety of accessories available to enable multiple connection options
+ Great for desktop, travel, or home use

HDConference®

> Components

Chat 50	USB 2.0 Connection Cable	Travel Case (Global Traveler only)	Quick Start Guide
Power Supply	International Power Clips (USB Plus International & Global Traveler only)	2.5mm - 3.5mm Cellphone Connection Cable	3.5mm - 3.5mm MP3 Player Connection Cable (Global Traveler only)
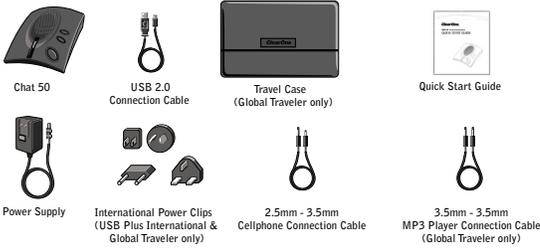
Ready to use out of the box

All the components you need to quickly get up and running, including multiple adapters for U.S. & international power sources, along with USB, 2.5 - 3.5mm, and 3.5 - 3.5mm connection cables.*

*Additional accessories can be purchased separately

Configuration Software

Allows users to easily switch between devices; software applies optimized settings to CHAT 50 for each device. Auto updates from the web keep software & CHAT 50 up-to-date with the latest enhancements.*

*Update feature not available when connected to Windows 2000

> Specifications

Connections
USB Connector
Version 2.0 Compatible
Type: Mini-B Female

External Audio
Type: 3.5 mm (1/8") Mini-plug
Tip: Line Output
Ring: Line Input
Sleeve: Ground

Controls
Volume Up
Volume Down
Microphone Mute

Compatibility
Windows XP (SP2)
Windows Vista
Windows 7

Audio

Speaker
Bandwidth: 220 Hz - 14 kHz
Max Output Level: 80 dB SPL @ 1 foot (0.30 meter)

Microphone
Bandwidth: 50 Hz - 7.75 kHz

Line Input
Frequency Response: 20 Hz - 20 kHz +/- 1 dB
Maximum Input Level: 0 dBu
Input Impedance: 10 kΩ

Line Output
Frequency Response: 20 Hz - 20 kHz +/- 1dB
Maximum Output Level: 0 dBu
Output Impedance: 50 Ω

Processing
Full Duplex
Acoustic Echo Cancellation (AEC)
Noise Cancellation (NC)
Line Echo Cancellation (Selectable)
Automatic Level Control (ALC)

Power
USB-powered
5 VDC @ 500 mA maximum

External Power Supply
100 - 240 VAC Input
7 VDC @ 560 mA Output
Tip: Power
Ring: Ground

NOTE: Please refer to ClearOne website for equipment compatibility/interoperability tables.

Environmental
Operating Temperature:
41 - 104° F (5 - 40° C)

Mechanical
Dimensions (W x D x H):
3.8" x 4.1" x 1.8"
(9.7 cm x 10.4 cm x 4.6 cm)

Weight:
0.55 lbs. (0.25 kg)

Compliance
FCC Class B Part 15
REACH
ICES-003
U/L Listed
CE Listed
RoHS

Model Numbers
910-159-001 CHAT 50 USB
- CHAT 50
- USB 2.0 Cable
- Quick Start Guide

910-159-002 CHAT 50 USB Plus
- CHAT 50
- USB 2.0 Cable
- Power Supply
- US Power Clip
- Cellphone Audio Cable (2.5 - 3.5 mm)
- Quick Start Guide

910-159-002-01 CHAT 50 USB Plus International
- CHAT 50
- USB 2.0 Cable
- Power Supply
- International Power Clips
- Cellphone Audio Cable (2.5 - 3.5 mm)
- Quick Start Guide

910-159-003 CHAT 50 Global Traveler
- CHAT 50
- USB 2.0 Cable
- Power Supply
- International Power Clips
- Cellphone Audio Cable (2.5 - 3.5 mm)
- MP3 Player Audio Cable (3.5 - 3.5 mm)
- Travel Case
- Quick Start Guide

Accessory Part Numbers
830-159-001 USB Cable (3')

830-159-002 Cellphone Audio Cable (2.5 - 3.5 mm)

830-159-003 Video Conferencing Cable (3.5 mm - RCA)

830-159-004 Video Conferencing Cable (3.5 - 3.5 mm)

830-159-005 MP3 Player Audio Cable (3.5 - 3.5 mm)

830-159-006 Headset-to-Headphone / Microphone Splitter (3.5 - 3.5 mm / 3.5mm)

830-159-007 CHAT 50 Audio Cable for Cisco 79XX Series Phones

830-159-008 CHAT 50 Audio Cable for Inter-Tel 8400, 8500, 8600, Encore 1000, Encore 2000 Series Phones

830-159-009 CHAT 50 Audio Cable for Avaya 2410, 4610 Phones

460-159-001 Travel Case - Fits CHAT 50, Power Supply, Cables

460-159-003 Travel Case (Compact) - Fits CHAT 50, Cables

551-159-001 Power Supply

551-153-500-01G Power Supply Clips (US, EU, UK & AUS)

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