

A personal speakerphone — and more! The CHAT 50 connects to 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.



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

Ploycom, Sony, Tandberg

Audio Playback

iPods, Quicktime, RealPlayer,
Windows Media Player

PC-Based Gaming

TeamSpeak

Features



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

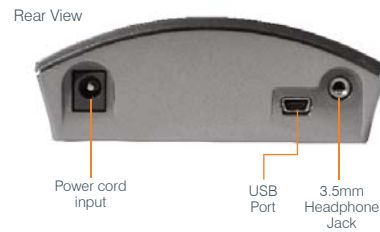
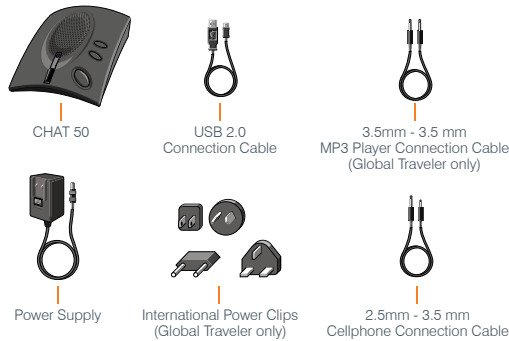
Hands-free Comfort

- + 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

> COMPONENTS/BACK PANEL



Functional Specifications

CONNECTIONS

Version 2.0 Compatibility
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

AUDIO

Windows 7,8,10
Mac OSX
Linux

SOFTWARE

Windows 7,8,10
For any firmware upgrades, use Win7

AUDIO

SPEAKER

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

MICROPHONE

Bandwidth: 50 Hz - kHz

LINE INPUT

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

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

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 / 3.5 mm)
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

ClearOne Contacts

North America
Tel: 801-975-7200
Toll Free: 800-945-7730
Sales: 800-707-6994
Fax: 801-303-5711
sales@clearone.com

Europe & Oceania
Tel: +44 1454 616 977
global@clearone.com

Asia Pacific
Tel: +852 3590 4526
global@clearone.com

Latin America
Tel: 801-974-3621
global@clearone.com

Middle East
Tel: +852 3590 4526
global@clearone.com

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