

# CHAT™ | 50

## Personal Speaker Phone

**ClearOne.**

A personal speaker phone — 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

### CHAT 50 APPLICATIONS\*

#### Internet Telephony

- + Skype, Vonage

#### Enterprise Telephones

- + Avaya, Cisco, NEC, Nortel

#### VoIP Softphones

- + Avaya, Cisco, Nortel

#### 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

- + iPod
- + QuickTime, RealPlayer
- + Windows Media Player

#### PC-Based Gaming

- + TeamSpeak

### CHAT 50 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 & 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
- + MP3 players - full-band frequency response delivers impressive audio

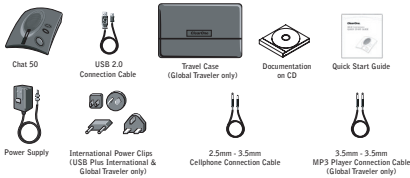
#### Hands-free Comfort

- + 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



**Ready 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

#### External audio

Type: 3.5mm (1/8") mini-plug  
Tip: Line output  
Ring: Line input  
Sleeve: Ground

#### DC Power

Tip: Positive  
Ring: Negative

#### Controls

Volume up  
Volume down  
Microphone mute

### Audio

#### Speaker

Bandwidth: 150Hz-15kHz  
Max output level: 80dB SPL @ 1 foot

#### Microphone

Bandwidth: 50Hz-8kHz

#### Line input

Frequency response: 20Hz-20kHz +/- 1dB  
Maximum input level: 0 dBu  
Input impedance: 10K Ohms

#### Line output

Frequency response: 20Hz-20kHz +/- 1dB  
Maximum output level: 0 dBu  
Output impedance: 50 Ohms

### Processing

Acoustic echo cancellation  
Noise cancellation  
Line echo cancellation (selectable)

### Power

USB-powered  
5 VDC @ 500mA maximum

External power supply  
120-140 VAC input  
7 VDC @ 500mA output

### Environmental

Operating temperature: 32-122 degrees F

### Mechanical

Dimensions (WxDxH): 3.8" x 4.1" x 1.8"  
(9.7 cm x 10.4cm x 4.8 cm)  
Weight: 0.55 lbs. (.25 kg)

### Compliance

FCC Part 15 Class B  
EN55022/EN55024/IEC60950  
U/L Listed  
CE Listed

### Model Numbers

- 910-159-002 Chat 50 USB Plus
  - Chat 50
  - USB 2.0 cable
  - Power supply
  - US power clip
  - Cellphone audio cable (2.5-3.5mm)
  - CD
  - 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 (2.5-3.5mm)
  - CD
  - Quick start guide
- 910-159-003 Chat 50 Global Traveler
  - Chat 50
  - USB 2.0 cable
  - Power supply
  - International power clips
  - Cellphone audio cable (2.5-3.5mm)
  - MP3 player audio cable (3.5-3.5mm)
  - Travel case
  - CD
  - Quick start guide

### Accessory Part Numbers

- 830-159-001 USB cable (3')
- 830-159-002 Cellphone audio cable (2.5-3.5mm)
- 830-159-003 Video conferencing cable (3.5mm-RCA)
- 830-159-004 Video conferencing cable (3.5-3.5mm)
- 830-159-005 MP3 player audio cable (3.5-3.5mm)
- 830-159-006 Headset-to-headphone/microphone splitter (3.5-3.5mm/3.5mm)
- 460-159-001 Travel case (hard shell)
- 551-159-001 Power supply
- 551-153-500-01G Power supply clips (US, EU, UK, & AUS)

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

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