



# DUET PCS Personal Conferencing Speakerphone

## Boardroom Conference Quality outside the Boardroom

**Quality** - Full duplex audio with echo cancellation & noise suppression

**Easy** - USB, Plug & Play

**Mobile** - Small, Lightweight  
Designed for Travel

**Flexibility** - Choice between speakerphone, headphones or external loudspeakers.

The Duet is a high quality speakerphone for the voice over IP user community. The Duet speakerphone enhances the Instant Messaging and web conferencing experience by delivering crystal clear communication and a natural voice interface.

The Duet generates clear communication through proprietary Acoustic Echo Cancellation, Noise Suppression, and equalizer algorithms embedded within the product. The Duet provides 360° room coverage so more than one person can participate in an online conference, **Headset-Free** and **Handset-Free**. Loudspeaker output (always a problem with laptops) is sufficient for larger offices and even medium sized conference rooms.

An available USB port is all that's required to power the speakerphone. Users also have the option of connecting their loudspeakers or headphones to the Duet for private communication.

The DUET enhances the user experience with many PC applications: VOIP, softphone, webconferencing, distance learning, instant messaging, sound recording, etc.

Small, Lightweight and effective. The Duet has redefined the standard in speakerphones at the desktop and revolutionized audio performance for laptops.



Echo Free      MOBILITY      VoiceNatural interface      Speakerphone  
Headset-Free      COMMUNICATION      softphone      WEBconferencing

**Size:** 3.75 in x 1.25 in x 4.5 in  
(W x H x D)

**Weight:** Carrying with USB cable  
0.55 lbs

**Power:**

- USB power for PC and Laptop (LED will illuminate)

**Audio:**

- 100% Full Duplex Performance – No attenuation (either way) during full duplex
- Acoustic Echo Cancellation >40 dB  
High-end Performance: Conforms to ITU-T G.167 Standard
- Noise Cancellation >10dB
- Residual Echo is Suppressed to the Environment Noise Level to Prevent Artificial Ducking of Signal
- Voice Level Equalization
- Convergence speed 40 dB/sec
- Tail length (200ms)
- Convergence during full duplex (no recovery time after full duplex)
- Low delay (10 msec)
- Bandwidth 20 – 7500 kHz for Speech Processing Maintains the Soundcard bandwidth
- Integrated Loudspeaker
- Mute Button and loudspeaker volume control buttons (LED will blink in mute mode)

**Performance:**

- Speech processing and echo suppression at 16KHz sampling rate
- Maintains Audio Performance of the PC for HiFi audio applications when external speakers are connected. will automatically turn off the internal loudspeaker.

**Connectivity:**

USB	√	PC, Laptop Connectivity
3.5mm	√	External Loudspeakers (full bandwidth) or headphones



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