PHOENIX AUDIO TECHNOLOGIES

Duet
VCA

MT202-VCA
Speakerphone

A speakerphone that *speaks* for itself.

The Duet VCA is a compact, personal speakerphone that is perfect for desktop and small to midsized conference rooms. It has a built in microphone and speakers which deliver a large range of coverage due to their immense pickup and output ability. The unrivaled Duet is light weight and has a discrete design making it conveniently portable for hands-free conferencing. All Duet models come standard with a USB interface, allowing you to connect the device to your computer for VoIP conferencing and recording. Visit our website to download our free Recording Utility.

The MT202-VCA model has USB and Video Codec connectivity. The USB allows for connection to any computer for VoIP sessions, such as Skype, Vidyo, etc. RCA jacks enable connection to a Video Codec (or any analog interface) to create 3-way bridging between multiple communication sources.

FEATURES

- Echo cancellation

- Full duplex audio

- Noise suppression

- De-reverb filtering

- Automatic gain control

- Durable aluminum casing

- LED lit control

- Mute button

- Small footprint design

THIS DEVICE PROVIDES AN IDEAL AUDIO SOLUTION FOR:

- Small or home offices
- Executive desktops
- Systems requiring analog audio input (RCA jacks)
- Small conference rooms with Video Codec applications
- Depositions

Performance

The Duet has a powerful DSP and unique echo cancellation which delivers best in class, crystal clear audio, and a full duplex conversation on your desktop. The Duet gives you true High Definition Audio.

Design

The small design and ease of use make the Duet a simple and sleek solution. Simply connect the device to your computer via USB and the unit is ready for use.

Portable

The Duet's exterior is made of aluminum for durability. Each unit comes with a padded soft case for travel convenience.

SPECIFICATIONS

Connectivity
USB connector – PC or Laptop connectivity and power
RCA jacks for analog audio input/output
3.5mm connection for external loudspeakers or headphone

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

Weight
0.55 lbs (with USB cable)

Power
USB power for PC and Laptop
(LED will illuminate)
External power supply included for VC only configurations
(when Duet is not plugged into the PC)

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
Plugging in external speakers will automatically turn off the speakerphone

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)
16KHz sampling rate for speech processing - maintains the soundcard bandwidth
Integrated loudspeaker
Mute button and loudspeaker volume control buttons (LED will blink in mute mode)

Warranty
Two years