

# EasyTalk™ USB Solutions

## PC Group Audio Conferencing Solution



Easily deploy PC-based unified communications in your group conference rooms with the EasyTalk USB audio solution. The EasyUSB™ solution offers all the components needed to create hands-free audio conferencing for a PC conferencing system for a group meeting room.

- Transform your PC into a meeting room by simply plugging in the USB connector
- HD Audio Capabilities with AEC for exceptional intelligibility and full duplex performance.
- Easy to use & install with the performance of a professional audio mixer without the complexity.
- Pair it with Vaddio's HD-USB Camera to create a complete A/V solution.

The EasyTalk USB solution seamlessly integrates all the necessary audio functions required to create a room's sound system with simple plug & play appliances that directly connect to a PC. Available components for the EasyTalk USB solution include:

- **EasyMic™ MicPOD:** Attractive echo cancelling table microphone pod providing a 360 degree pick-up pattern. It incorporates user control buttons on top of MicPOD for mute & volume functions. It connects to EasyUSB with a single Cat-5 cable providing audio, control, and power.
- **EasyMic Ceiling MicPOD:** The Echo Cancelling Ceiling MicPOD has a 360 degree coverage pattern. It includes plenum rated interface box with adjustable length drop cable up to 30" to the MicPOD array head and is offered in both black & white versions.
- **EasyUSB Mixer Amp:** This device has integrated audio mixer functionality emulating a single microphone & speaker channel to the PC. It also includes an internal 2x20 Watt Class-D amplifier and line level audio input & output for interfacing with other AV equipment. Up to two EasyMic MicPODs can directly interface to EasyUSB Mixer Amp using standard Cat-5 cable.

Offered in pre-configured room bundles for common applications or create your own custom solution by purchasing each component individually.



### INCLUDES

- EasyTalk USB Mixer/Amp
- 18 VDC PowerRite™ Power Supply
- Interface Cables
- Documentation
- Ceiling Speakers or Sound Bars are available as accessories



### FEATURES

- EasyUSB Mixer Amp** Audio Mixer supporting two (2) EasyMic devices and USB 2.0 audio interface emulates microphone & speaker to the PC. Includes built in 2x20 watt class-D amplifier and line level input and output for connecting to other A/V equipment.
- EasyMIC MicPOD** Tabletop microphone pod with integrated acoustical echo cancellation function with 360 degree coverage connects to EasyUSB Interface with single Cat 5 cable. User interface controls for mute and volume plus One-Touch camera tracking.
- EasyMIC Ceiling MicPOD** The Echo Cancelling Ceiling MicPOD is comprised of 2.5" diameter microphone head and plenum rated interface box. The system supports in-ceiling and surface mount type installations. The Ceiling MicPOD interface connects to EasyUSB Mixer/Amp with single Cat-5 cable.
- Simple User Interface** The front panel has EasyMic Port activity, mute and power indicating LEDs. Interface and Control Dip switch settings are provided for advanced audio processing functions.
- Advanced Audio** The solution incorporates wideband AEC per microphone channel with noise reduction. Automatic microphone mixing minimizes noise contributions in audio path. Microphone AGC provides consistent sound level with soft talkers. User enabled compressor, EQ filter, and audio mixing modes are available.
- Easy Integration** EasyUSB devices are compliant UAC (USB Audio Class) drivers allowing standard MAC & Windows drivers to be used. Plug & Play installation is achieved using Cat-5 wiring and RJ-45 connectors. Auxiliary audio I/O for connection to other a/v equipment in the room is provided.
- Speaker Accessories** EasyTalk Sound Bar is a low profile, center channel loudspeaker designed to mount below LCD displays. It connects to the EasyUSB Mixer/Amp and offers full band response optimized for voice.  
EasyTalk Ceiling Speakers are plenum rated speakers with full band driver and 8 ohm impedance. The speakers connect to the EasyUSB Mixer/Amp and are optimized for voice (Bose DS-16)

## TECHNICAL FEATURES (CONTINUED)

Made in the USA

The EasyUSB Solutions are made in the USA, at Vaddio, in the greater Minneapolis, Minnesota.

## TECHNICAL IMAGES



Rear Panel Connections



## SPECIFICATIONS

### EasyTalk USB Mixer Amp

<b>Part Numbers</b>	EasyUSB 999-8530-000 (North America) EasyUSB 999-8530-001 (International)
<b>Audio Specifications</b>	Frequency Responses: 20 HZ to 20KHZ, Dynamic Range: >90dB, THD + Noise: <.02%
<b>Analog Line Input</b>	Connector: RCA (Unbalanced), Impedance: 10Kohm, Nominal Level: -10dBu
<b>Analog Line Output</b>	Connector: RCA (Unbalanced), Impedance: 10Kohm, Nominal Level: -10dBu
<b>Amplifier</b>	Connector: 2- Pin Molex Euro, Impedance: 8 ohm, Amplifier Output: 2X20 Watts, THD + Noise: <.2% at 1/3 power
<b>USB Audio Interface</b>	Connector: Type-B, PC Audio Controls: Mute & Volume, PC HID Controls: On/Off Hook
<b>EasyMic Ports</b>	Connectors: Two (2)- RJ 45-F, Proprietary Interface, 100' (30.4m) Cat-5 Cable Distance Max
<b>Audio Processing Settings</b>	8-Position Dip Switch- Mixing Modes, Compressor, Filter, Delay
<b>User Indicators</b>	Communications Status, Mute, Power
<b>Power Supply</b>	18 VDC, 2.75 Amp
<b>Serial Control Protocol</b>	RS-232 (external control)

### EasyTalk USB Mixer Amp

<b>Part Numbers (Worldwide)</b>	EasyMic MicPOD: 999-8500-000, EasyMic Ceiling MicPOD: 999-8510-000 (White version), 999-8515-000 (Black version)
<b>Audio Specifications</b>	Frequency Responses: 20 HZ to 20KHZ, Dynamic Range: >90dB, THD + Noise: <.02%
<b>Microphones</b>	Three Unidirectional Cardioid Mics per MicPOD, Frequency Response: 100 HZ-12KHZ, Max Input Level: 115dB SPL
<b>EasyMic Ports</b>	Connectors: Two (2)- RJ 45-F, Proprietary Interface (audio, power & control, 100' (30.4m) Cat-5 Cable Distance Max
<b>Audio Processing Settings</b>	Acoustical Echo Cancellation, Automatic Gain Control, Noise Reduction, Automatic Microphone Mixing
<b>User Controls</b>	Mute, Volume, On/Off Hook, One-Touch Camera Tracking

### EasyTalk USB Mixer Amp

<b>Operating Temperature</b>	32° to 104° F (0° to 40° C) / 20% to 80% Relative Humidity
<b>Power Consumption</b>	Maximum 40 watts
<b>Dimensions (HxWxD)</b>	EasyUSB Mixer Amp: 8.375" (212.73mm) W X 6.0" (152.4mm) L X 1.72" (43.7) H EasyMic MicPOD: 7" (177.8mm) Diameter x 1" (25.4mm) Tall EasyMic Ceiling MicPOD: 2.5" Diameter Sphere EasyMic Interface Box: TBA
<b>Weight</b>	EasyUSB Mixer Amp: 1.42 lbs (.65kg) EasyMic MicPOD: 0.472 lbs (0.214Kg) EasyMic Ceiling MicPOD: 0.113 lbs (0.051kg)
<b>Accessories</b>	Rack Mount Kit for EasyUSB Mixer/Amp 998-6000-004 1-Pair of Ceiling Speakers (Bose DS-16 with tile brace and back can) One (1) Sound Bar Center Channel Speaker (unpowered)
<b>Packages</b>	Look for preconfigured system packages to make the EasyTalk USB solutions even easier to configure and install

Learn more about our complete line of cameras and camera control equipment at 800-572-2011 or [vaddio.com](http://vaddio.com)

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