VM-2
USB PTT Belt Pack

User Guide

THE POSSIBILITIES ARE *ENDLESS.*

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Table of Contents

Introduction

The VM-2 is a compact "belt pack" style USB audio device with integrated PTT feature. The VM-2 is designed to integrate with 3rd party VoIP software applications which utilize a "Hot Key" sequence to activate PTT (Push To Talk). The VM-2 will output the "F8" keyboard key for use with other 3rd party applications. The VM-2 has the "QD" style connector to allow use with Plantronics' popular HW-251N monaural headset.

The VM-2 does not require any special drivers to be installed as it uses default Windows USB audio drivers for its operation.

NOTE: The application software versions used in this guide are Windows 7, and Microsoft .NET Framework 4. If you are using any other versions of these products your windows may look different.

Features:

- Plug and Play Installation
- Compact, lightweight design
- PTT button on top for Ambidextrous use

- USB 2.0 Compliant

Parts List

The VM-2 (Figure A) (shown with optional Plantronics HW-251N headset) comes equipped with a USB "A" 2.0 cable (Figure B)

Figure A

Figure B

Windows 7 Audio Device Hardware Configuration

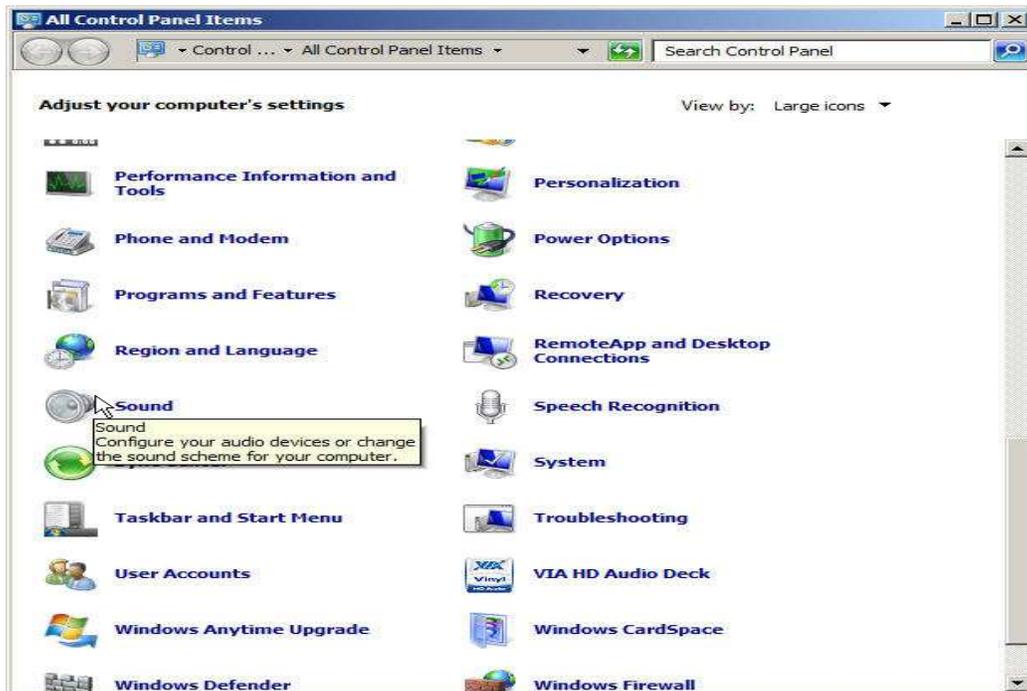Click on the Sounds icon located in the Control Panel (Figure 15).

Figure 15

In the Sound window, choose the Playback tab, select Speakers ETC VM-2 Default Device, and click the Properties button (Figure 16). In the Speakers Properties window, choose the Levels tab. Adjust the Speakers level to 90, the Microphone level to 0 (zero), and MUTE the Microphone (Figure 17).
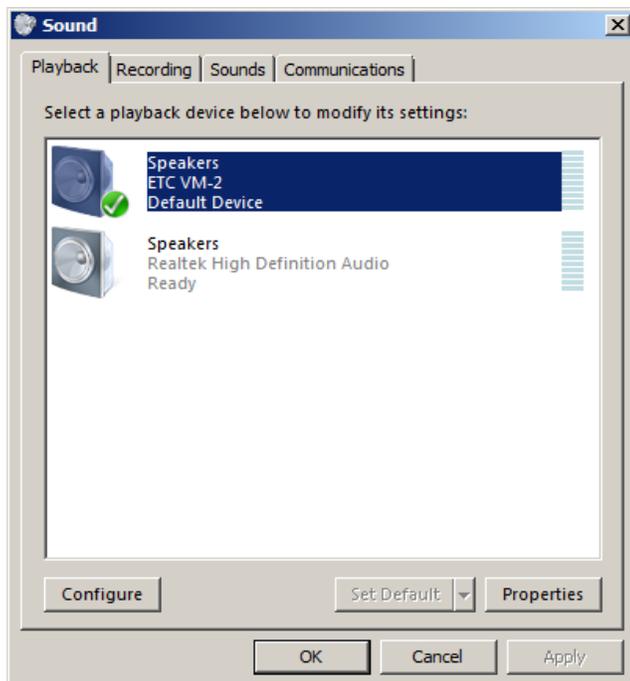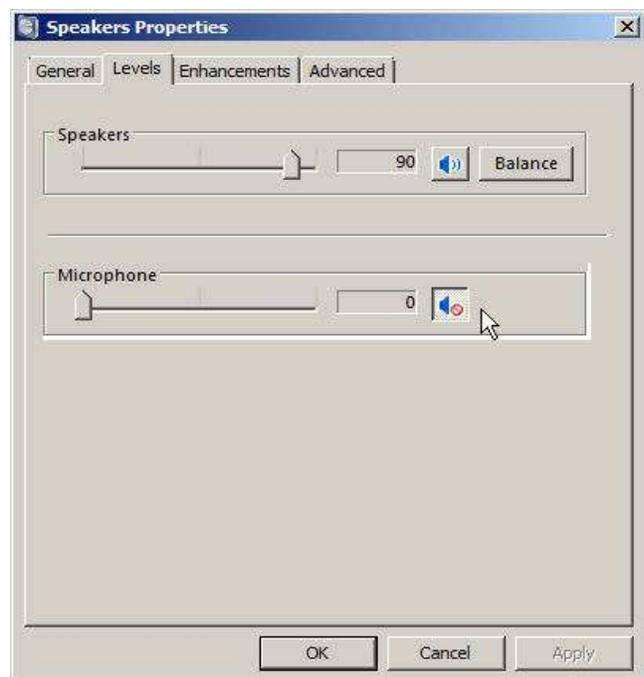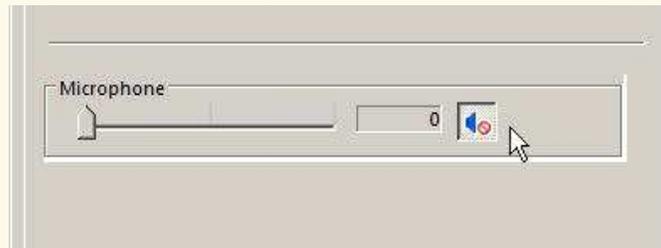

Figure 16

Figure 17

> **ATTENTION:** <u>The microphone speaker icon must be in mute mode.</u> An un-muted microphone will cause echo on the network and down-time for troubleshooting your installation.
>
> Microphone — 0

Click the OK button to return to the Sound window (Figure 18). In the Sound window, choose the Recording tab, select Microphone ETC VM-2 Default Device, and click the Properties button (Figure 19).
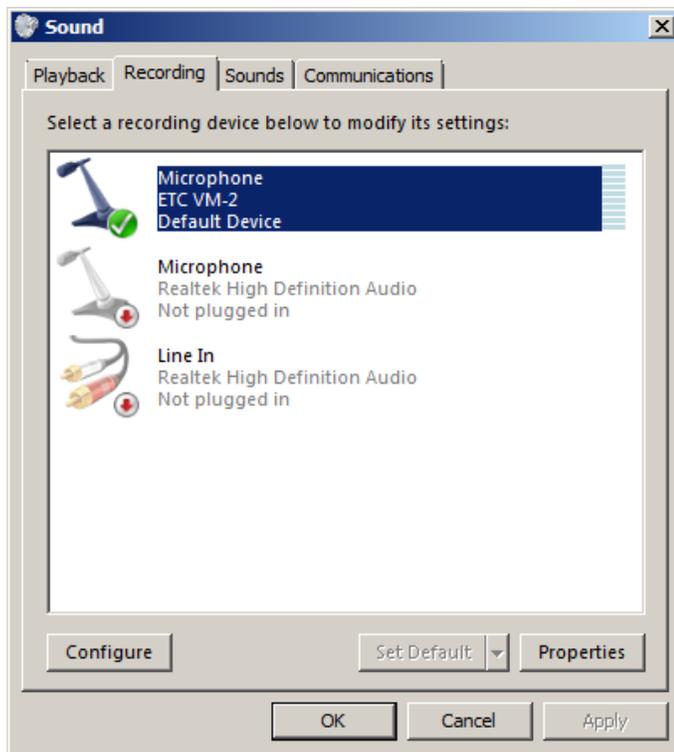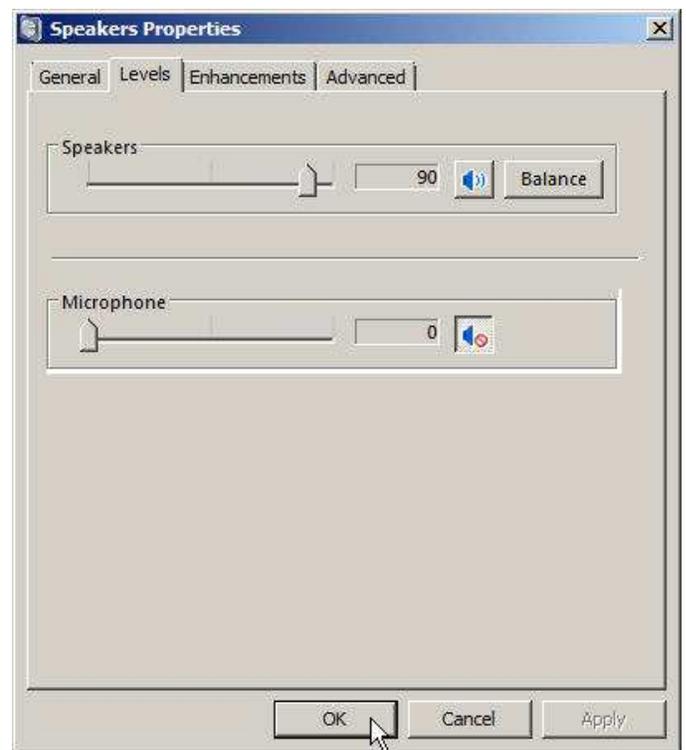
Figure 18

Figure 19

In the Microphone Properties window, choose the Levels tab. Adjust the Microphone level to 80 (Figure 20). Click the OK button to return to the Sound window (Figure 21).
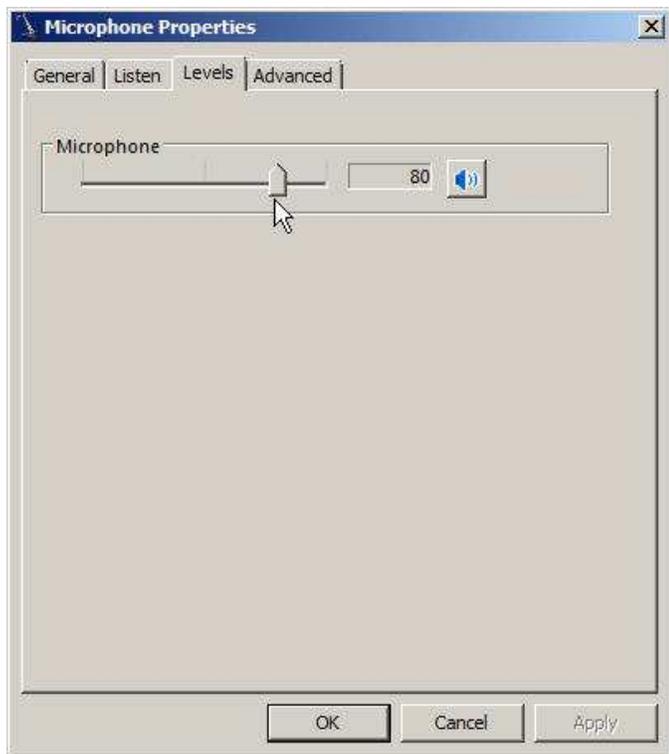

Figure 20

Figure 21

The VM-1 is now configured and ready to work with the VoIP software of your choosing.

Specifications

Physical

- Size..100mm H x 48mm W x 29mm D
  (4"H x 1.75"W x 1.0"D)
- Weight...............................…........227g (8oz) (VM-1 unit only)
- Case..ABS 94HB Plastic
- HW251N................................"Optional" Plantronics monaural headset
- USB 'A' style connector

Power (USB)

- Idle Current.............................120mA
- Max Current......................….. 400mA

Audio

- Frequency Response…...150Hz– 6kHz
- Coil Impedance...................8ohm +/- 15%
- Resonance Frequency….180Hz +/-20%
- Output S.P.L.........................89dB +/- 3dB
- QD Style Headset connector

Environmental

- Temperature Range….…...-40c to +85c
- Humidity............................…......0-95% Non Condensing

VM-2 Hardware Product Limited Warranty

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Remedies
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