RAMware3 Customer Beta Installation

Preface

We at Resodyn Acoustic Mixers extend you, our customer, a warm thank you for participating in our Beta testing for RAMware3. This document will outline the following details for this testing process:

- System requirements

- Information that we ask you to gather for us regarding your computing system's configuration

- The software installation process for Microsoft Windows

Please note that <u>Administrator login</u> is required to install RAMware3.

Please use the GitHub Bug Tracker page to document any bugs discovered or feature requests. Please refer to the following document for instructions on how to document these items:

https://github.com/ResodynCorporation/RAMWare3_Bug_Tracker/blob/master/Bug%20and%20Upgrade%20Entry.pdf

Brian Seaholm (office: 406-497-5216) is the primary technical contact at Resodyn Acoustic Mixers for this Beta Testing. He will be reviewing the bug tracking website and will potential call Beta users to acquire additional information

System Requirements

The following is a summary of minimum requirements for the Windows PC that you intend to install RAMWare2 on:

1. Operating Systems: Windows 7, 8, or 10

2. Processor: 2.0 GHz minimum

3. Memory: 4GB RAM minimum

4. Screen Resolution: 1024 x 768 minimum

Pre-Installation Information

To begin the process, we ask that you collect the following information on your PC.

1. Operating System (and Service Pack)

2. Processor Type and Performance Specifications

3. Memory (RAM) Size and Performance

If you are unsure how to obtain this information, please refer to Appendix A, which provides instructions on how to obtain this information on both operating systems.

Beta-Tester Expectations

Resodyn Acoustic Mixers appreciates your willingness to help us develop the most robust and user-friendly software possible. You are probably wondering what we expect from you as a Beta Tester. Fundamentally, we are trying to determine the following items:

- Does the software installer work correctly without any unexpected glitches?

- Does RAMWare3 operate reliably, provide a solid communication link with the LabRAMII, and run bug-free?

- Are data files stored correctly and without corruption?

- Do the installers and programs function equally as well on all operating systems?

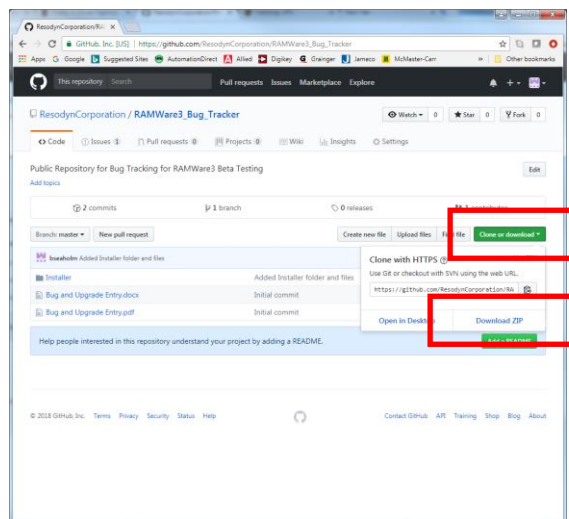- Is the interface designed in a productive and user-friendly fashion?

The previous list is our goals from this exercise. What you need to do to help us determine this is the following:

- Acquire all of the information specified in the Pre-Installation Information section of this document

- Pay careful attention during installation and make notes if any error dialogs appear or the installation fails

- Ensure that establishing communication between LabRAMII and RAMware3 is smooth, and if it is not, report on any problems.

- Report back on any strange operation of RAMware3, including bugs, slow user interface response, software hangs, etc.

- Make notes of any potential improvements that you may see like a better screen layout, button placement, screen navigation, or text labels.
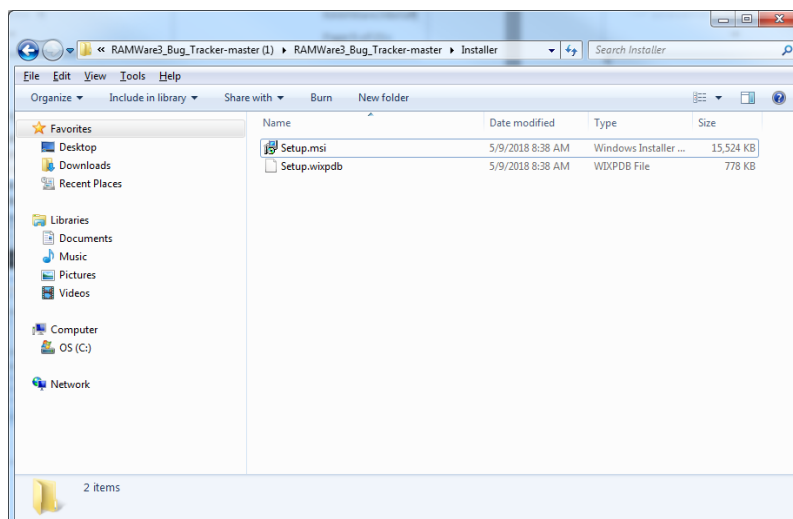
Installation

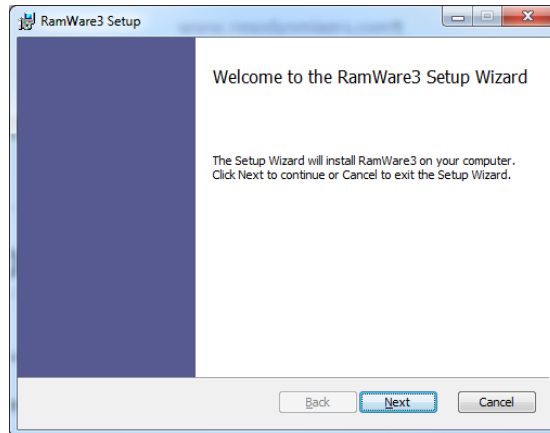Please note again that an Administrator login is required to install RAMware3.

1. Two methods shall be employed to deliver the installer files. The installer can be downloaded from the GitHub page at https://github.com/ResodynCorporation/RAMWare3_Bug_Tracker, or a CD/DVD can be shipped to the Beta tester, which is necessary for some Department of Defense customers. To download from the GitHub page, click on the Clone or download button and select Download ZIP as shown below:
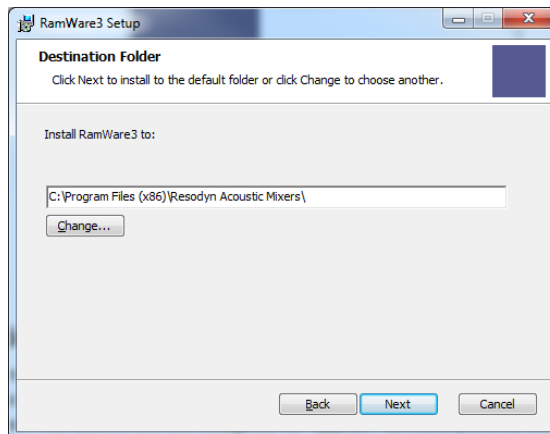

2. After obtaining the installation files, extract them (if necessary) and double click on the Setup.msi Windows Installer File in the Installer directory.

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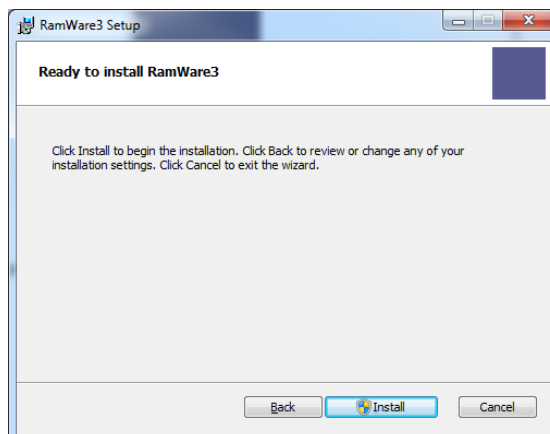
3. Click *Next* on the **Welcome to the RAMware3 Setup Wizard**
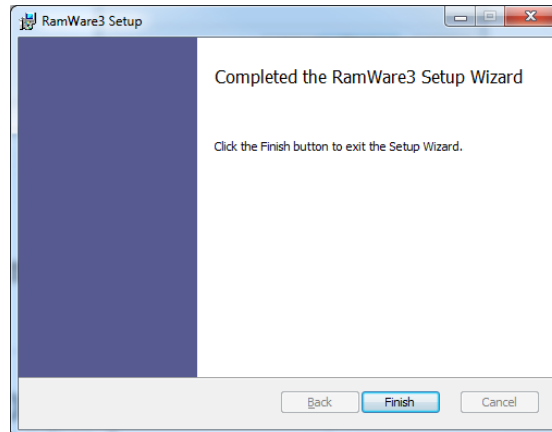

4. Click *Next* on the **Destination Folder** dialog.

5. Click *Install* on **Ready to install RAMware3** dialog.

6. Click *Yes* or *Install* on all subsequent security dialog popups.

7. Click *Finish* on the Completed the **RAMware3 Setup Wizard**
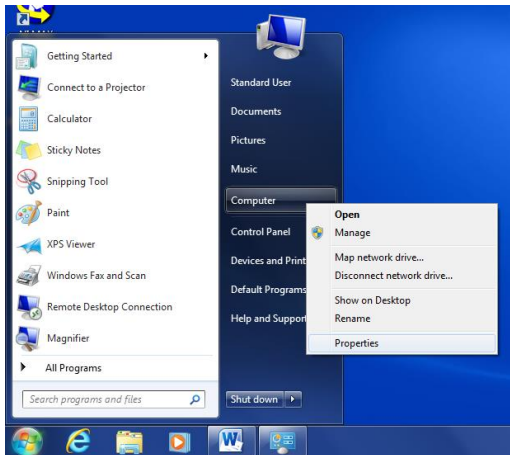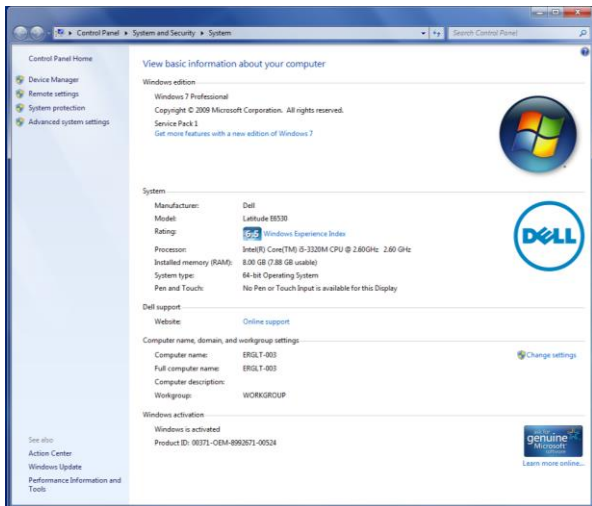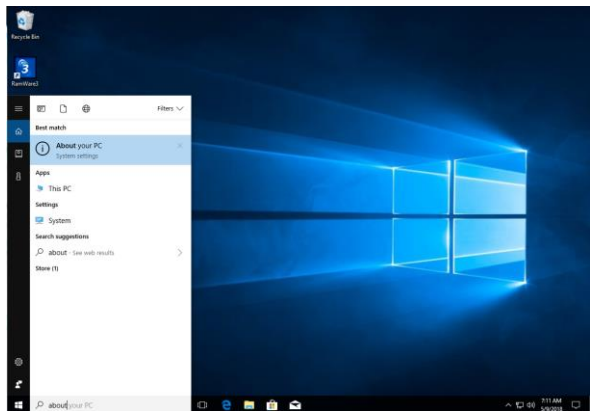

LabRAM II Firmware Update

The LabRAMII will require a firmware update to accommodate the new features of RAMware3. The firmware update file is included in the download or CD/DVD. RAM Tools will need to be installed in order to update the firmware. Please follow the installation instructions *RAM Tools Installation and Usage 021215.pdf*. Refer to pages 13-14 of that document for the firmware update procedure. The firmware file that will need to be used is LR2_v_4_3_9.cyacd, also included in the download, or on the CD/DVD.

RAMware3 Setup and Usage

At this point the process, administrator login is no longer required. RAMware3 does not require administrative login for normal operations. A draft version of the user's manual is also included with the data file package. Please refer to this document for software usage. Beta user feedback is requested for the manual content, readability, etc.

Appendix A: PC Data Inventory

PC Processor, RAM, Operating System and Service Pack	
Windows 7	*Windows 7*
1. Find the "Computer" icon from the "Start" menu in the task bar. Right click on "Computer" and select "Properties". 2. The System dialog box will apper. 3. Refer to the System section of this window to obtain all requested information on Operating system, Processor, and RAM.	1. Type **about** into the search field on the the Taskbar. Then click on the "About your PC". 2. The System dialog box will apper. 3. Obtain all requested information on Operating system, Processor, and RAM.

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