Personal Safety Division

3M™ E-A-Rfit™ Validation System

Version 4.5 Software Installation Guide
(Full)
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Important Information – Read First

- You must have administrative rights to install the 3M™ E-A-Rfit™ Validation software
- Ensure your PC meets the Minimum Hardware Requirements listed in Annex A
- Shut down any other programs you may be running on your computer before you begin.

Software Installation Files on CD-Rom

For your convenience, a 3M E-A-Rfit Validation System CD-ROM located inside the kit includes the Full Version of the E-A-Rfit software. Check the E-A-Rfit™ User Support website (EARfit.3m.com) to be sure you are installing the latest version of the software.

Software Download

Alternatively, download the Full Version of the E-A-Rfit software executable file and save it to a folder for future reference. We suggest you create a folder called “My Downloads” within your “My Documents” folder. The icon will look like this once you have downloaded the file from the E-A-Rfit User Support website.

SetupEARfit_v4.5.0.0_FULL.exe

Software Installation

Double click on the executable file to begin the software installation. The logo will appear briefly.

1. Chose the language from the dropdown. Click “OK”
2. Click “Next”.

3. Read the Terms of the License Agreement and click “I Agree” if you accept the terms.

4. Software defaults to chose the applications needed. Click on “Next”.

5. Keep default location for the software program. Click “Next”.

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Welcome to the EARfit 4 Setup Wizard

You will be guided through the installation of EARfit 4.

It is recommended that you read all the information before starting the installation. The killer features are available when the user clicks “Next”.

Click Next to continue.

Click Next to continue.

License Agreement

Read or print the license agreement before installing EARfit.

Press Page Down to see the rest of the agreement.

SOFTWARE LICENSE AGREEMENT

BY INSTALLING, COPYING, INSTALLING, DISTRIBUTING, INSTALLING, DISTRIBUTING, ACCESSING OR OTHERWISE USING THIS SOFTWARE, YOU AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, DO NOT INSTALL, CLICK “I AGREE” TO ACCEPT, COPY OR USE THIS SOFTWARE IN ANY WAY WHATSOEVER.

If you accept the terms of the agreement, click “I Agree to continue”. You must accept the agreement to install EARfit.

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Choose Components

Choose which features of EARfit 4 you want to install.

Check the components you want to install and uncheck the components you don’t want to install. Click “Next” to continue.

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Choose Install Location

Choose the folder in which to install EARfit.

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6. Click “Next” to begin installing speaker drivers.

7. .NET 2.0 Installation
   Click “Next”.

8. Read and/or print the Terms of the License Agreement, tick the box if you agree to the Terms and click “Install”.
9. Wait for the components to install

![Image of .Net Framework 2.0 installation]

10. Net Framework 2.0 Installation successful, click “Finish”.

![Image of MATLAB installation]

**MATLAB Installation**

11. Select Language, click “OK”.

12. Click “Install”.

![Image of MATLAB installation success]

*Note: Images and screenshots have been included to illustrate the steps described.*
13. MATLAB prepares to install.

14. Begin Installation wizard by clicking “Next.”

15. Enter User Name & Organization (optional). Click “Next”.

16. Allow the program to save to the default destination folder, click “Next.”
17. Begin installation, click “Install”

18. Installation begins and may take several minutes

19. Once installation has completed, click “Finish”

20. Default selection, click “Next”
21. DOS window appears. Press any key to continue.

22. When you receive a message indicating that the E-A-Rfit setup has been successful, click “Finish”
Installing USB Drivers

In order for the E-A-Rfit Speaker to be recognized, you must install the USB driver for every USB hub you wish to plug it into. This process is only performed once for each port or hub. Plug the power cord into the speaker, then the USB cord into one of the USB hubs. This will initiate the hardware wizard. Follow the prompts 1 – 4, until completed, then remove the USB cord and insert it into the next USB hub (for Windows XP users only). Windows 7 & Windows 8 operating system will locate the drivers and install them automatically. Continue until all USB hubs have the driver installed.

23. Click “No, not this time”, then click “Next”.

24. Click on Install the software automatically (Recommended), then click “Next”.

25. Hardware drivers begin to install. Click “Continue Anyway”.

26. Click “Finish”
Software Launch
Double-click on the EARfit 4 shortcut on your desktop.

Account Creation
In order to gain the full functionality of the software, you are required to “Create a User Account”. This process is required only once on the PC installed with the software. Account Creation is required to save test results.

The E-A-Rfit™ software is capable of being demonstrated using an embedded technician code called DEMOØØ32. To test in DEMO mode, type in the technician code DEMOØØ32 into the technician code field.

The limitation of using the embedded DEMO code is that all measurement data under this code will not be saved when the software is exited. Also, an “Unvalidated Test” watermark will remain printed on the reports at the end of the test cycle.

Preparation
- Install software and speaker drivers on computer
- Connect speaker to computer via USB
- Have this Technician Code ready – HEAR0123

Process
1. Launch the E-A-Rfit™ software from your desktop. The software will open up at the login screen. Without entering anything into the technician code field, click on “Create User Account”
2. A window will open. Type the technician code that was provided by 3M Technical Services. Click “Create Account”.

3. Complete the User Account information form. When finished, click “Apply”, the window will close and you will be returned to the Login Screen.

4. Select the correct Technician Code on the drop-down. The “Login” button will illuminate (1). Click “Login” to begin using the E-A-Rfit software (2).
Annex A
IT Minimum Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor:</td>
<td>Intel Pentium IV or AMD</td>
</tr>
<tr>
<td>Processor Speed:</td>
<td>1 GHz (2.4 GHz recommended)</td>
</tr>
<tr>
<td>RAM:</td>
<td>512 MB (1 GB recommended)</td>
</tr>
<tr>
<td>Screen Resolution:</td>
<td>1024 X 768 pixels (minimum)</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Windows XP, Windows VISTA, Windows 7 (32 &amp; 64 bit), Windows 8 (32 &amp; 64 bit)</td>
</tr>
<tr>
<td>Free Disk Space:</td>
<td>120 MB</td>
</tr>
<tr>
<td>USB Port:</td>
<td>1 USB V1.1</td>
</tr>
<tr>
<td>Installation Drive:</td>
<td>CD-ROM, DVD drive, or USB drive</td>
</tr>
</tbody>
</table>

Please have your company IT personnel contact the 3M Personal Safety Division Technical Support Hotline at 1-800-243-4630 and then select option 1, option 2, then option 5 if you require assistance.