

Baercom v2.1 Install Package
Electronic CD Download and Installation Preparation
Release Notes and Instructions
UFI -- www.ufiservingscience.com
7-2014

General Comments

Note that the current instructions for the Baercom system can be accessed on the UFI Web Site, through a link very near the bottom of the Baercom web page. The Baercom web page can be found here:

<http://www.ufiservingscience.com/baercom.html>

Look for the 'BAERCOM Instruction Manual' link in Blue very near the bottom.

Note also that the current version of the Baercom-PC software (v2.1) will work with the Baercom on any PC computer that includes a standard format USB connector. The computer will also need either a CD Drive or some form of Internet Connection in order to supply the files for the installation of the software.

We have done no testing yet, but we suspect that the current version of this software will work on a Win based Tablet PROVIDING the Tablet is NOT running 'WinRT'; the Tablet must include an Intel processor (or equivalent) and be running 'full windows'.

We are also fairly certain that this software can run on some Mac computers, providing the Mac is using an Intel processor, and that some software is already present on the Mac to allow it to host 'full windows' sessions. We have not been able to verify this however.

Finally, if you are using version 1.5 of the Baercom-PC software or newer, you should be able to download and install version 2.1 and use that. The main benefit of the new version is that you don't need to worry about the actual 'com port' number assigned to the Baercom by your computer, since v2.1 does not use this information. Version 2.1 is slightly different from older versions, so you can choose which suits your needs best.

Electronic Download Overview

UFI has posted an electronic copy of the Baercom V2.1 Install Package CD contents on the UFI Web Site. This can be useful in the case that the CD shipped with the Baercom system has been lost or misplaced. This can also simplify installation on a new computer, or on a computer that lacks a CD drive.

Note firstly, that this entire process requires that your computer is connected to the Internet. If you cannot access the UFI Web Site (www.ufiservingscience.com) with your computer, you will be unable to download the CD contents electronically.

Note also, that this process relies on the use of some sort of 'FTP Utility' in order to manage the download. Most web browsers (Explorer, Firefox, Chrome, etc.) provide this capability, but the actual details of initiating and completing the download may vary from browser to browser. The information included here uses Explorer for the FTP process, but many other possibilities exist, and we can't cover all these variations. If you do not feel comfortable wading through these details, then having UFI send you a CD may ultimately be the easiest solution. However, if you are already comfortable with the FTP process, or if you have another FTP program that you prefer to use, the electronic download can save you time.

Note also, that you will need to contact UFI ahead of time, to obtain current Username and Password information for accessing the UFI FTP site. You should have your Baercom serial number handy, so we can verify purchase history. Once we have done that, UFI will supply the current FTP Access information.

Note finally that the one single task that the steps below address, is to create an exact copy of the contents of the Baercom-PC Software Setup CD -- on your computer. Once this is done, then you MUST follow the software installation process carefully described in the Baercom instruction manual (section 3). Instead of using the path for the CD drive on your computer, you will need to use the path information for the actual location of the CD contents on the hard drive of your computer.

Step 1 -- Create the Destination Folder on your Computer.

The Setup CD for the Baercom PC software includes another folder that holds all the installation items. This folder is named 'BC21 Publish'. The first step in the electronic download process, is for you to create a folder, using this same name, somewhere on the hard drive of your computer.

Newer versions of the Win operating system are increasingly unkind regarding what you can place where on your computer. The operating system would prefer that you place this folder inside the 'My Documents' folder, and you can do this if you prefer. Especially if you are one of many users on a multi-user system, this might be the best place. You can also try to place the folder right under the "C:\\" on the drive. This will certainly make it easier to find, but you may also run into 'permissions' problems with this location.

However you decide to address this issue, or however your computer allows you to address this issue, the main concern is that you create a folder named 'BC21 Publish' that is located somewhere on your computer, where you can easily find it.

While the specifics may vary for different versions of the operating system, you should create this new folder now. The best approach with recent versions is to use the 'File Explorer' and browse to the location where you want to place the folder, then select 'New Folder' from the menu along the top. This places a new folder at that location, which is named 'New Folder'. You can then click twice over the NAME, then change it to 'BC21 Publish'.

This step is complete when you have created a new folder on your computer named 'BC21 Publish', in a location that you can easily find.

Step 2 -- Download the CD 'zip' file to your computer using FTP

The electronic copy of the Baercom-PC Setup CD includes all of the CD contents, carefully compressed together into a 'zip' file. The actual FTP process moves this 'zip' file (which includes the Setup CD files) to the 'BC21 Publish' folder on your computer. This 'zip' file is still almost 33 MB in size. Even over FTP this can take a minute or two to download.

Also, these directions focus on the use of 'Explorer', but many other FTP utilities exist, and we will not try to cover the rest.

Start Explorer to begin. After your home page is showing, you need to type the following line of text into the main URL entry field in the upper left of the Explorer main window:

ftp://ufiservingscience.com/

When you start Explorer, the URL to your home page should be shaded with Blue, meaning you can just type the above line in, and the current contents will be erased. If not, you need to erase the current contents of this line, then type in the text above.

Next, press Enter on the keyboard to direct Explorer to contact the UFI web site for the purpose of FTP file access. The UFI web site will next cause a 'Username-Password' window to open. You need to properly fill this out in order to access the FTP contents on the UFI web site. As mentioned above, you will need to contact UFI for this information ahead of time.

Username: xxxxxxxx

Password: zzzzzzzz

Note that both fields are 'case sensitive', which means you need to follow the text you were given, upper case or lower case, EXACTLY (with no spaces). Press the 'Log in' button after both fields are correctly entered. Also, the information we supply is current as far as we know. There have been times in the past that our web service provider has changed passwords for some reason, so if you type in what we supply, exactly as given, and it doesn't work, contact UFI.

After this Username/Password window is properly filled out, and the 'Log In' button pressed, the Username/Password window will close, and the files available for FTP access will be shown on the Explorer main window. The only file you are interested in is named

'BC21 Publish.zip'

There are two ways you can start the actual download, and either way 'should' have the same result. Which you choose, really depends on any errors you may encounter. Try one, then the other, if the first option doesn't work.

a. Double-click over the file

To begin the FTP process, just double-click over that file name. After a brief delay, Explorer will ask you if you want to;

Run

Save

Save As

Select the 'Save As' option. This will open up a File Save dialog box, which will allow you to direct Explorer to place this 'zip' file into the 'BC21 Publish' folder you made previously. Navigate the controls on the 'Save As' dialog to point to this folder, then press the Save button. The FTP download should start at this point.

b. 'Alt-Click' over the file

You can also 'Alt-click' over the 'zip' file. Move the mouse pointer over it, then press the 'secondary' button, i.e. the button that you normally do NOT press. This should open up a menu list that includes a 'Save As' option. Select the 'Save As' option. The FTP download should start at this point.

Which ever approach you select, the bottom line is that you want to direct Explorer to download this 'zip' file into the 'BC21 Publish' folder that you have already created.

The FTP transfer should start quickly, but can take a minute or two, so be patient. Some sort of progress indication window should open during the download, along the bottom of the window in Explorer. When the download is done, just close this window if it is still showing. When the FTP process is done, the 'zip' file should be located in your 'BC21 Publish' folder. Once you verify this, you can close Explorer, since it is no longer necessary.

If 'permission' issues block the saving of the 'zip' file to the folder you created, just close Explorer, create a 'BC21 Publish' folder in a different location, and repeat this entire step again.

This step is complete when the entire 'BC21 Publish.zip' file (approx. 32 MB in size) is located in the 'BC21 Publish' folder you created in Step 1.

Step 3 -- 'Un-zip' the CD contents to the Destination Folder

Using 'File Explorer' or 'Computer', browse to the location of the 'BC21 Publish.zip' file. Next you want to 'Alternate Click' over that file name. This involves placing the mouse pointer over this file, then pressing the secondary mouse button, NOT the button you normally press.

This should pull up a menu list of options for this 'zip' file. You want to select 'Extract All' which is near the top of the list. Selecting this should open up another window that allows you to specify WHERE the 'zipped' files should all be extracted too. This should point to the 'BC21 Publish' folder you made in step 1, since this is where the 'zip' file is (should be) located. If not, press the 'Browse' button to the right, and use the controls to point to the 'BC21 Publish' folder.

Next press the 'Extract' button (below and to the right) to cause the CD files to be extracted from the 'zip' file, and placed where you have specified, hopefully inside the 'BC21 Publish' folder you created earlier. The extraction process may result in the creation of another 'BC21 Publish' folder inside the 'BC21 Publish' folder you made previously. This is not a problem, the CD contents should be in that folder.

The extraction process may also take up to a minute. When this step is complete, the entire contents of the Setup CD should be located in the 'BC21 Publish' folder.

Step 4 -- Work through the entire Baercom PC Software Installation process

When you have successfully worked through the above three steps, the contents of the Baercom-PC software Setup CD should be located in the 'BC21 Publish' folder on your computer. You will now need to carefully work through the software installation instructions included in Section 3 of the 'BAERCOM INSTRUCTION MANUAL 2.1a', a copy of which is included in the 'BC21 Publish' folder.

Note again that the process discussed in the above three steps DOES NOT result in the installation of the software. You will still need to work through this process.

Step 5 -- Save the 'BC21 Publish' folder on a CD (optional)

This is an optional step. If you wish, you can copy the 'BC21 Publish' folder and all the files it includes, onto a CD for later use. UFI places no restrictions on this process for your own use.