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## Getting Started with the ProGen Wizard™

### 1. Introduction:

It is recommended that a new folder in the Documents (Mac) or My Documents (Windows) folder named ***Resonant Light*** be created. Use this folder as the destination folder for the ProGen Wizard™ Program and any files associated with it. This will then be the folder in which to put any frequency files. It may be helpful to make a folder called ***Frequency Files*** inside the ***Resonant Light*** folder.

The ProGen Wizard™ will download as a zipped folder which contains all the files necessary to run the program. Among other things, this folder includes the executable program and the user's manual. The manual is in pdf format and can be downloaded through the **HELP** menu in the Wizard. The manual can also be viewed directly from the webpage where the link for this "Getting Started" was found. **It is important to download and read the entire manual first before attempting to use the Wizard; this will be helpful in getting up and running with the program.** Adobe Reader, required to open the manual, can be downloaded from [www.adobe.com](http://www.adobe.com) if it is not already installed on the computer; click on **GET ADOBE READER**.

#### For Those Using Mac OSx:

Mac computers will sometimes unzip zipped files as they are downloaded, in which case Mac places the unzipped folder on the desktop. Click and drag this folder into the ***Resonant Light*** folder that was created in the step above.

If the zipped file does not unzip when downloaded, click and drag the zipped file into the ***Resonant Light*** folder. Then, right click on the zipped file; select **OPEN WITH**, and then select the unzip (extracting) program. The unzipped folder (called pgw-version-osx) containing all the ProGen Wizard™ files will be placed in the folder.

#### For Those Using Windows Operating Systems Prior to Vista:

Click and drag the zipped file to the ***Resonant Light*** folder that was created in "Introduction". Then right click on the zipped file and select **EXTRACT ALL**. Window's unzip wizard will open and provide guidance through the process. When prompted by the unzip wizard for the destination, select the ***Resonant Light*** folder.

If Window's unzip program is no longer the default extraction program, then choose whichever program the computer is indicating. In some cases, individuals have replaced the default program with a time-limited trial version of some other extraction program for which the time has run out; therefore, an extraction program may not be available on the computer. In that case, an extraction program will have to be installed/downloaded before the zipped file can be extracted.

## For Those Using Windows Vista

Click and drag the zipped file to the *Resonant Light* folder created in “Introduction”. Right click on the zipped folder and select **EXTRACT ALL**. When asked to select a destination location, select the *Resonant Light* folder.

### 2. Running the Wizard Program for the First Time

a) The first time the program is opened, a message saying **NO CONFIGURATION FILE FOUND** will appear. Click **OK** to this message. The message should disappear after the first execution of the program.

A red **UNREGISTERED** window will also appear. Click **REGISTER LATER** and the window will close. Now the **main entry window** of the Wizard program will be visible. The choice to **REGISTER NOW** can be made instead of “later”. This will open a window with a registration form. Complete the form; click the **SUBMIT** button, and the information will be emailed to Resonant Light Technology Inc to request a registration number. **While it is not necessary to register in order to run the program, we ask that you complete the registration so that we can keep you advised on any updates.** Also, we will not be able to provide you with technical support if you do not register. If you do choose to register later, click on the menu item **CONTACT US** and select **REGISTER SOFTWARE**.

The **CONTACT US** menu also includes an **ONLINE SUPPORT** item. Click on this item to open a window in which a comment, description of a problem, or a question can be recorded. Enter an email address; click on the **SUBMIT** button, and the questions will be emailed to Resonant Light Technology.

b) At the main entry window, the menu bar will appear at the top of the window. If the user’s manual hasn’t been accessed previously from the ProGen Wizard™ webpage on the Resonant Light website, the manual is available by clicking on the **HELP** menu item and selecting the link for the pdf file of the manual.

**It is necessary to read the user’s manual in order to know how to proceed in using the ProGen Wizard™ program.** These “Getting Started” instructions are only sufficient to get the program running, but not to use it fully.

As far as the program is concerned, getting to the main entry window is considered to be a first session with the program. After closing this first session, even at this point, the ProGen Wizard™ folder should now contain a file called “PG2Settings.fig”. This is the configuration file that was not found the first time the program was run. The next time the program is run, this file will be found, and the warning message will not appear.

c) Once the registration number is received from Resonant Light Technology, enter it in the boxes provided in the **UNREGISTERED** window. Click the **ENTER MY REGISTRATION** button. This will close the window and create the registration file. The ProGen Wizard™ folder should now contain a file called “reg.fig”. If the contents of this file match the test conditions in the program, the **UNREGISTERED** window will not appear when the program is started up.

### 3. Setting up the USB Serial Adaptor

In order to program the ProGen II™, a serial port on your computer is required. The ProGen II uses a DB9 RS232 port to transfer data (information). Most new computers only come

with USB serial ports; therefore, it will be necessary likely to purchase a **USB-RS232 adaptor**. You can purchase this from us, or a local electronics supplier. If you purchase locally, take the ProGen II with you to ensure that the adaptor will connect to the 9-pin connector without colliding with the level knob of the ProGen; some adaptors are oversized.

Adaptor cable packages usually include a CD that contains the driver files required to install the adaptor on the computer; look inside the packaging as this is often a mini CD. Follow the procedure for adding new hardware of the computer system being used and the adaptor manufacturer's instructions for installing it on your computer. We discuss setting up the serial port below, as well as in the manual.

You can also download the driver from our website on the ProGen Wizard Software page. Choose the driver download for your operating system.

#### **4. Setting up the Serial Port**

Once the USB adaptor is installed on the computer, the ProGen Wizard™ must be told which serial device it is going to use.

To do this, open the Wizard program. In the **SETTINGS** menu, select **SET SERIAL**. There will be a drop-down list box in the **SET SERIAL** window; locate and click on the name of the USB adaptor (Mac) or the COM number (Windows) [see below] to select this device as the serial port. In the **SETTINGS** menu, click on **SAVE SETTINGS**. The settings are now saved in a configuration file that the Wizard will read the next time the program is started.

Additional Instructions for setting up the serial port:

##### **Mac Users:**

Mac systems display the manufacturer's USB adaptor's identification directly. It should be possible to proceed directly to using the ProGen Wizard™.

##### **Windows Users:**

The COM port the adaptor is connected to will need to be identified as these systems do not show the USB adaptor device name in the list of serial ports; only a generic COM port number is shown. Follow these steps:

- i. Ensure that the USB to serial adaptor is connected to the computer.
- ii. Click – **START > CONTROL PANEL >** double click **SYSTEM**
- iii. Choose the **HARDWARE** tab; choose **DEVICE MANAGER**
- iv. The **DEVICE MANAGER** lists all the computer's hardware and drivers. Go to **PORTS (COM & LPT)**; click on the +. This will show a list of serial devices connected to COM ports.
- v. Locate the name of the USB adaptor – it may only show “USB serial port”; to the right will be a COM number. Make note of this number
- vi. Run the Wizard, and in **SETTINGS > SET SERIAL**, choose this COM port number.
- vii. **SAVE SETTINGS**

**NOTE:** If the USB adaptor is unplugged, and then plugged back into a different USB socket on the computer, the COM port number will change. This procedure will have to be gone through again. At this time, it has not been tested fully as to whether or not the COM number remains the same as long as the USB adaptor is always plugged back into the same socket.