

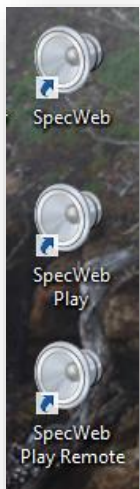
Installation:

Uncompress the SpecWeb distribution and move/copy the folder where you want it to live on your hard drive. The installation creates shortcuts that expect SpecWeb to be in the same location it was when the installation was run.

Placing the SpecWeb folder under “Program Files” or “Program Files (x86)” is not needed, and given Windows 10 security models it’s probably best to put it elsewhere so you can edit ini files, etc. without Admin rights.

Once you have moved/copied the SpecWeb folder to its final location, open it up and double click on the “Install_SpecWeb.bat” file. This will open one or more command windows and install the needed components, if you don’t already have them.

The installation program will create three shortcuts on your desktop:



Drag and dropping one or more **lossless** stereo file (.wav or .flac), onto the SpecWeb icon will open SpecWeb with the file(s) as an input.

SpecWeb Play is the same however it is set to Playback live via the first audio device on your system.

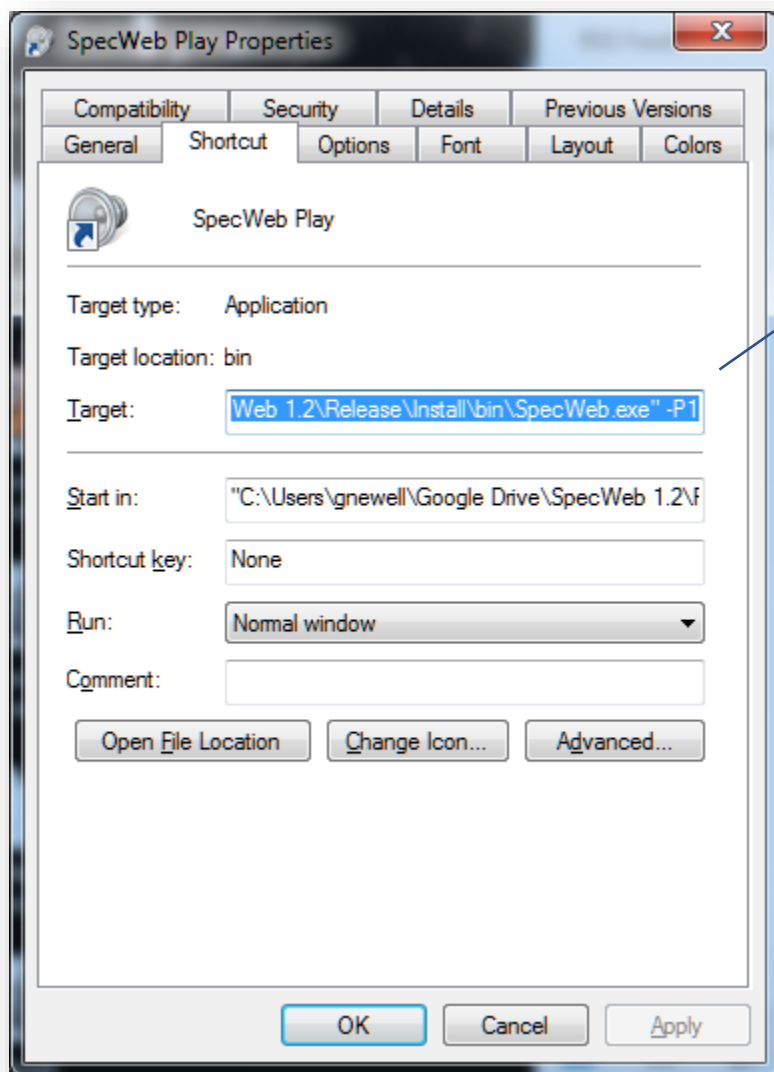
SpecWeb Play Remote is the same as Play, however it will wait for a connection from a remote browser (such as from a tablet or phone or another computer) before it plays.

These shortcuts are just examples and you can modify the command line parameters in them or make additional icons with different command line options (right click → Properties).

The SpecWeb.exe is in the “bin” folder of the installation directory, if you want to make additional shortcuts:

Right click on SpecWeb.exe and select “create shortcut”.

Right click on the shortcut and select “Properties” to add command line parameters.



Then copy/move the shortcut to your desktop or another location.

You may also wish to add SpecWeb to your Windows "Send To" menu.

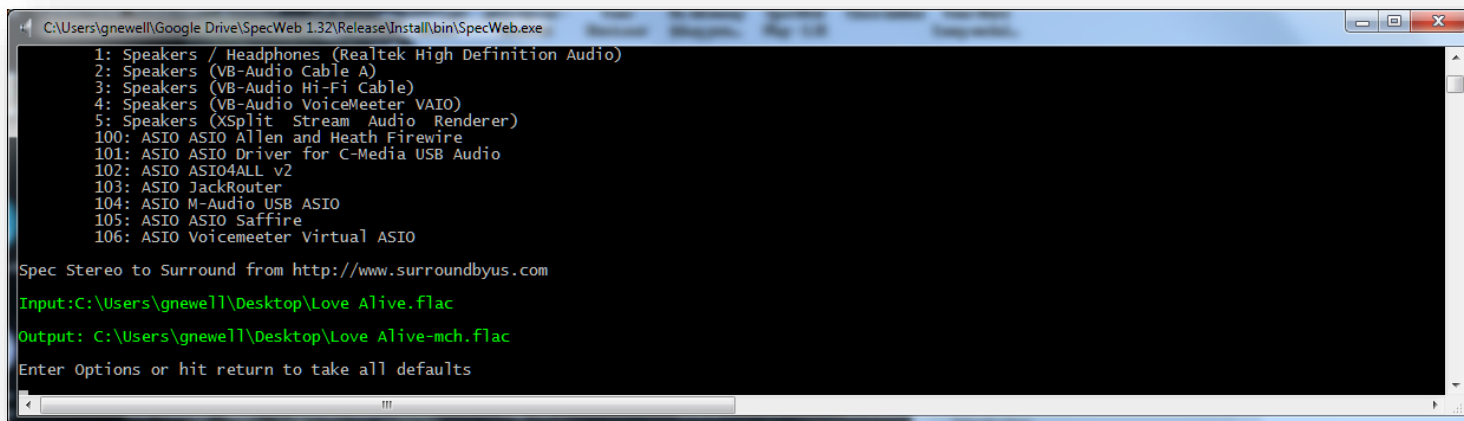
"Send To Menu" Instructions:

Windows Vista, 7, 8, & 10: <http://www.howtogeek.com/howto/windows-vista/customize-the-windows-vista-send-to-menu>

See the section on using SpecWeb with foobar2000 for additional installation steps inside foobar2000

Quickstart

Drag and drop a lossless (.wav or .flac) stereo song file on to the SpecWeb icon on your desktop. A cmd window will open, print the SpecWeb options and list the available audio devices on your system.



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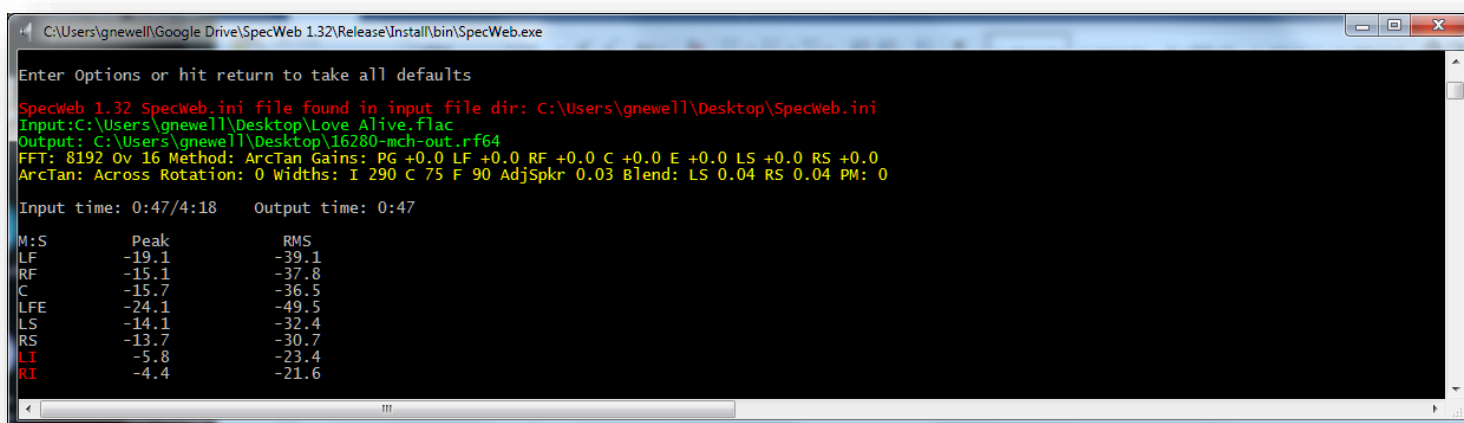
C:\Users\gnnewell\Google Drive\SpecWeb 1.32\Release\Install\bin\SpecWeb.exe
1: Speakers / Headphones (Realtek High Definition Audio)
2: Speakers (VB-Audio Cable A)
3: Speakers (VB-Audio Hi-Fi Cable)
4: Speakers (VB-Audio VoiceMeeter VAI0)
5: Speakers (XSplit Stream Audio Renderer)
100: ASIO ASIO Allen and Heath Firewire
101: ASIO ASIO Driver for C-Media USB Audio
102: ASIO ASIO4ALL v2
103: ASIO JackRouter
104: ASIO M-Audio USB ASIO
105: ASIO ASIO Saffire
106: ASIO Voicemeeter Virtual ASIO

Spec Stereo to Surround from http://www.surroundbyus.com
Input:C:\Users\gnnewell\Desktop\Love Alive.flac
Output: C:\Users\gnnewell\Desktop\Love Alive-mch.flac
Enter Options or hit return to take all defaults

```

For now, just press return or enter to accept default settings

SpecWeb will now convert to surround (Pass 1):



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C:\Users\gnnewell\Google Drive\SpecWeb 1.32\Release\Install\bin\SpecWeb.exe
Enter Options or hit return to take all defaults
SpecWeb 1.32 SpecWeb.ini file found in input file dir: C:\Users\gnnewell\Desktop\SpecWeb.ini
Input:C:\Users\gnnewell\Desktop\Love Alive.flac
Output: C:\Users\gnnewell\Desktop\16280-mch-out.rf64
FFT: 8192 Ov 16 Method: ArcTan Gains: PG +0.0 LF +0.0 RF +0.0 C +0.0 E +0.0 LS +0.0 RS +0.0
ArcTan: Across Rotation: 0 Widths: I 290 C 75 F 90 AdjSpkr 0.03 Blend: LS 0.04 RS 0.04 PM: 0
Input time: 0:47/4:18 Output time: 0:47

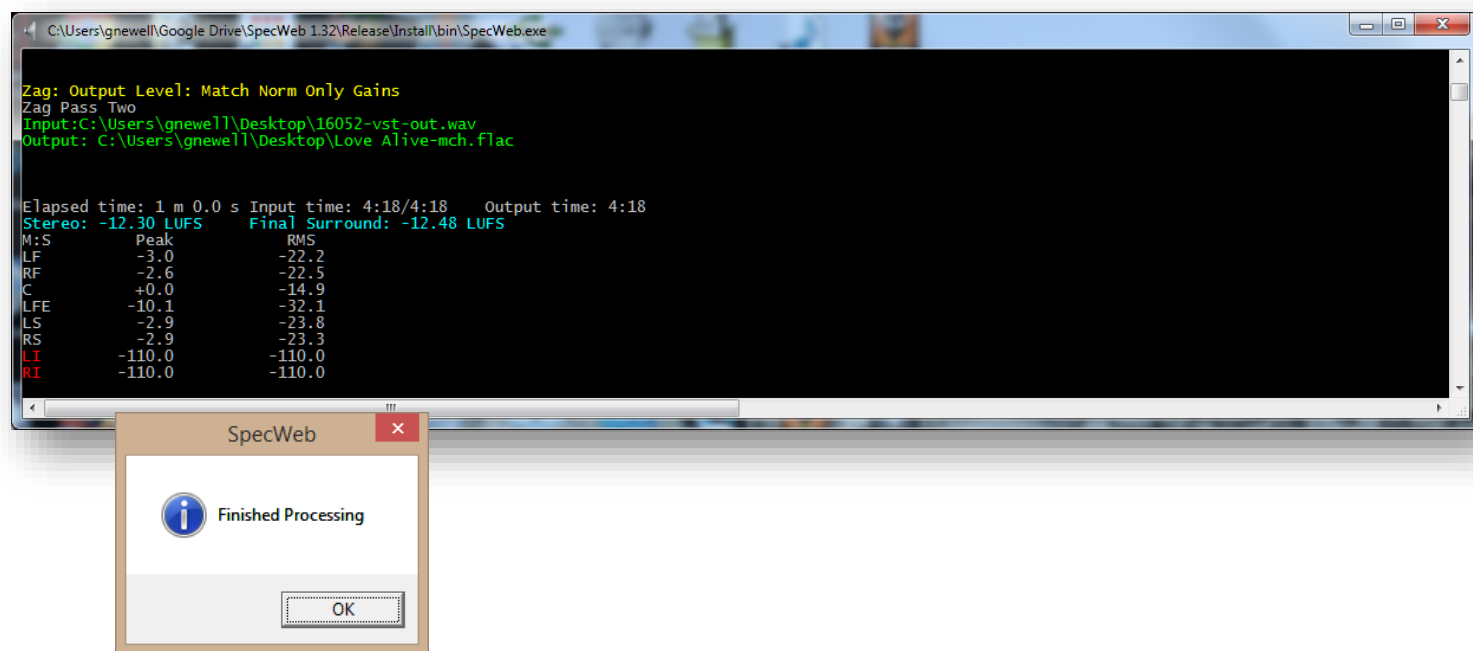
M:S      Peak      RMS
LF        -19.1      -39.1
RF        -15.1      -37.8
C         -15.7      -36.5
LFE       -24.1      -49.5
LS        -14.1      -32.4
RS        -13.7      -30.7
LI        -5.8       -23.4
RI        -4.4       -21.6

```

Next, in a 2nd pass, SpecWeb will use the 5.1 Unlimited VST, to “re master” the surround to match the original dynamics/loudness of the stereo input file.

By default, the VST interface is not shown.

Finally, SpecWeb will make a final pass over the Surround, and Normalize the level so the peak level in the surround matches the peak level in the original stereo:



That's it!

You'll now have a 24 bit 5.1 surround flac file, in the same directory as the stereo source, with the same name but with "-mch" added at the end of the filename.

The above also works if you drag and drop multiple lossless stereo files at once, on the SpecWeb icon. SpecWeb will process each song, one at a time, until finished with all the songs.

Important Note: Higher quality results (fewer artifacts, or "swishing" sounds) can be achieved if you first resample your lossless stereo input songs to at least twice the original sample rate.

Starting with SpecWeb 2.0, upsampling is built in and by default 2x up/down sampling is performed. 4x up/down can also be done via settings.

See the longer "Guide" document for increasing levels of details, covering all of the features and conversion methods included in SpecWeb.

See the License section for details but SpecWeb is "Donation ware" for personal use. Please donate to keep SpecWeb development alive. There is a paypal donate button in the web interface or use the below link:



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