
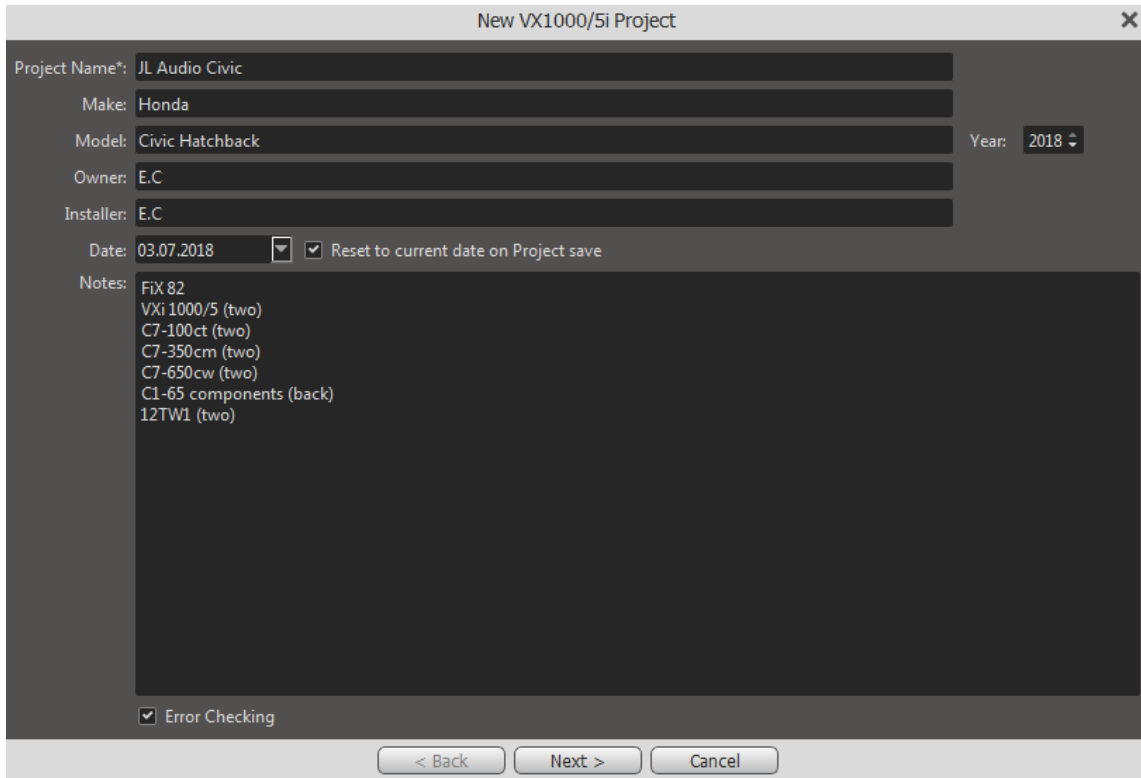


VXi: Set Up Tool (Getting Started)

 jlaudio.zendesk.com/hc/en-us/articles/360000631368-VXi-Set-Up-Tool-Getting-Started-

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The **Setup Tool** is a helpful feature in the TüN™ software that makes configuring the VXi amplifiers fast and efficient. This tool can save users a lot of time and ensures properly configured signal path routing, crossovers and input/output labeling for a majority of system designs. This article explains how to use the Setup Tool.



Project Name and Information:

First things, first: every Project will need a **Project Name**. This name will become the file name for the "VXiproj" file stored in your computer, so it is a good practice to name your Projects consistently and logically.

Once you have selected a Project Name for the Project, you can also enter additional information about the vehicle and system into the following fields:

- Vehicle Make
- Vehicle Model
- Vehicle Owner
- Installer Name
- Model Year
- Notes (Product installed, Preset information, etc.)

Once the Project and vehicle information have been inputted, click the **Next** button at the bottom of the Setup Tool window. This will open a second page.

Entering Inputs Configuration:

Use the pull down menu to select the Inputs being used for the VXi.

- Optical 2-Channel S/PDIF
- 2.0 (Analog Left/Right)
- 2.1 (Analog Left/Right and Subwoofer)
- 4.0 (Analog Front L/R & Rear L/R)
- 4.1 (Analog Front L/R, Rear L/R and Subwoofer)
- 8.0 (Four Left/Right Input Pairs)

Entering Analog Outputs Configuration:

Depending on the Input Configuration selected and the VXi amplifier being used, you will see up to fourteen selectable Output configurations. You can select everything from a simple, traditional "front, rear, plus subwoofer" system, to more advanced systems featuring fully active speaker systems, center channels and subwoofers.

Examples of Analog Outputs Configurations:

3-Way: L/R Tweeter >< Woofer >< Sub — Rear L/R Spkrs (HP)

Everything **before the dash (—)** describes the configuration of the main front left and right channels, plus the subwoofer. In the example above, we have a 3-way front system, consisting of a left/right tweeter channels, left/right woofer channels, plus the subwoofer channel. The >< symbol denotes an active crossover between the main channels. **Please note that the subwoofer channel (where present) is always included in the description of the number of "ways" for the main Left/Right channels.**

Everything **after the dash (—)** describes the configuration of additional channels, like rear channels and/or center channels. The type of active crossover filter for the additional channel is also described, as in "(HP)", which stands for high-pass in the above example.

So, in plain English, the configuration described above means that we have a 3-way main left/right system (front tweeters and woofers, plus a subwoofer), and we also have Rear Left/Right Speakers, which are high-pass filtered.

Let's look at another example:

2-Way: L/R Speakers >< Sub — Center & Rear L/R Spkrs (HP)

Here we have a 2-way main speaker setup, with front left/right speakers, plus a subwoofer. Additionally, we have a Center Speaker and Rear Left/Right Speakers, both high-pass filtered.

Setting Speaker Distance

The Setup Tool has fields for entering the distance of each speaker from the listening position. The TüN™ software will automatically calculate the delay necessary to offset these different distances. These will be reflected in the Tune tab and can be trimmed with the Delay Trim control later. Learn more about Time Delay with TüN™

One final step:

Once the Input and Outputs Configurations have been made, click "OK" in the bottom right corner of the Setup Tool window and the Setup Tool automatically performs a series of tasks:

1. Labels all Input Channels and Output Channels
2. Configures signal path routing, from the Input Mixer, EQ zones and Router, to all the Output Channels
3. Establishes safe, appropriate High-Pass and Low-Pass filter frequencies and slopes in the Crossovers section
4. Calculates and enters delay values for Speaker Distance compensation
5. Assigns an appropriate configuration to the DRC-200 or DRC-205 controller. (Read more about the DRC-200 and DRC - 205)
6. Engages the master "MUTE" function so that you can check all your settings before engaging the audio.

You are now ready to tune the audio system, and you are free to edit any of the parameters set by the Setup Tool in the **Setup Tab** and the **Tune Tab** of the main TüN™ interface.

If you are wondering why you hear no audio after finishing with the Setup Tool, remember that "Mute" is engaged after setup and you need to click the red button to un-mute!