

Making Beats Digitally

Introduction To Garageband

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Preface

Garageband is free on the Appstore but is not only for songwriters it's beat making capabilities will be explored

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Drummer



Add a drummer that automatically plays along with your song.



Introduction To GarageBand

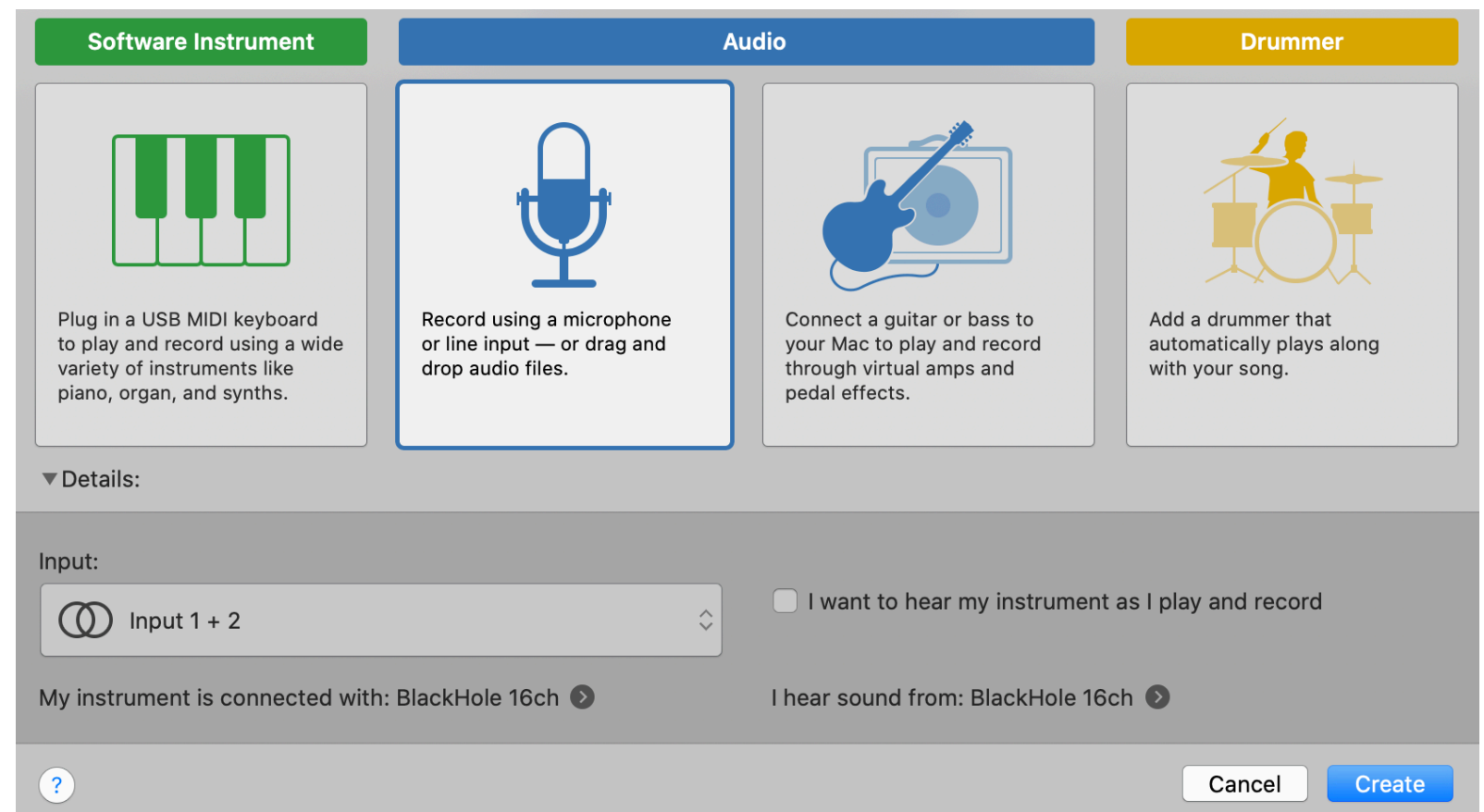
Garageband is a free app Provided by Apple for Mac, ipad and iPhone

We will be looking at the Mac version normally Garageband 10 or 11 is the best for beat-making

Gargeband has song Writing and Recording facilities that you normally would see from it's surface but beyond the hood

with a click of the button the garageband is converted into a beatmaking

On the interface you will be greeted by these four options we will look in depth at software instrument where we can use to do manual beat making and drummer is a digital drummer you might have to download 14.5 Gb so make sure you have the hard disk space for it



Garageband intro will have 4 options

The Audio Section consists of record with microphone used by singers and connect a guitar you need i rig to hookup your guitar to record.

Input levels is good to have it on input 1 and 2 as the mac has two microphones near the headphone 3.5mm jack so you will get better sound quality if you are recording just using the MacBook pro 13 inch

blackhole 16ch is a plugin that you can download but not necessary unless you are hooked on a mixer with 16 channel .The i want to hear my instrument as i play and record is a monitoring setup so while recording you can listen while recording



Introduction To Beat Making

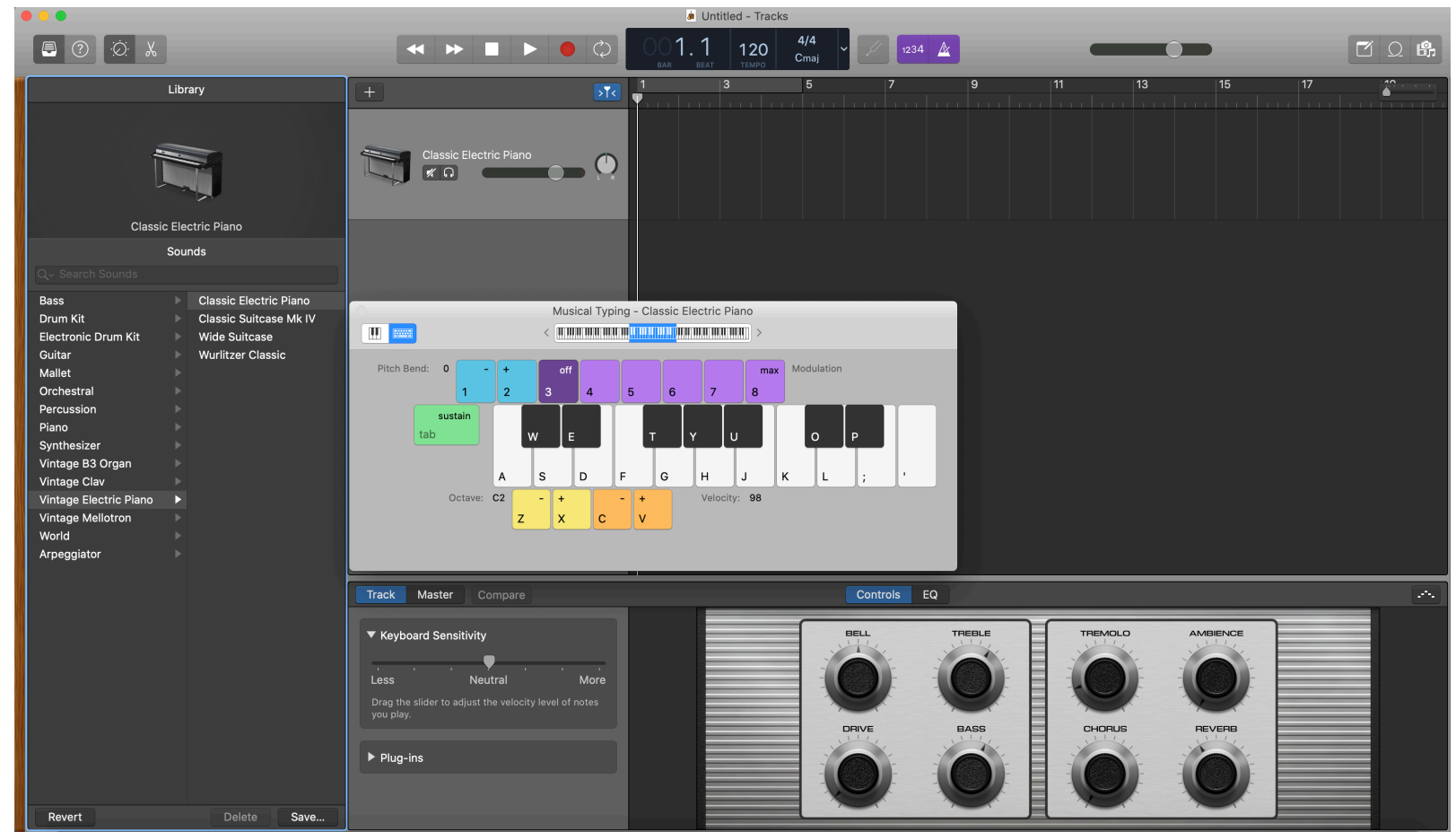
once you select **software instrument** from the menu on the left you will see different sound options you can select **electronic drum kit** and then select your type of sound to get the on screen keyboard it's called **musical typing** it's found under the tab window on the top right next to share option.

you can use a midi keyboard if not you can use an external keyboard to avoid spoiling your mac keyboard.

once read you select the R record button and then you can use the keys from left to right A to L

shift is for let's say you want to sustain the note.

number 1 and 2 is to increase the pitch and lower the sound of current software instrument .



on the left you can select electronic drum Kit and musical typing

3 to 8 keys provide modulation of the note that adds a certain tone to the note.

z to x is to jump from lower keys to higher keys which is highlighted in blue at the top

c to v is to increase the velocity so the attack of the note is a bit more faster but default is fine.



Settings Explored



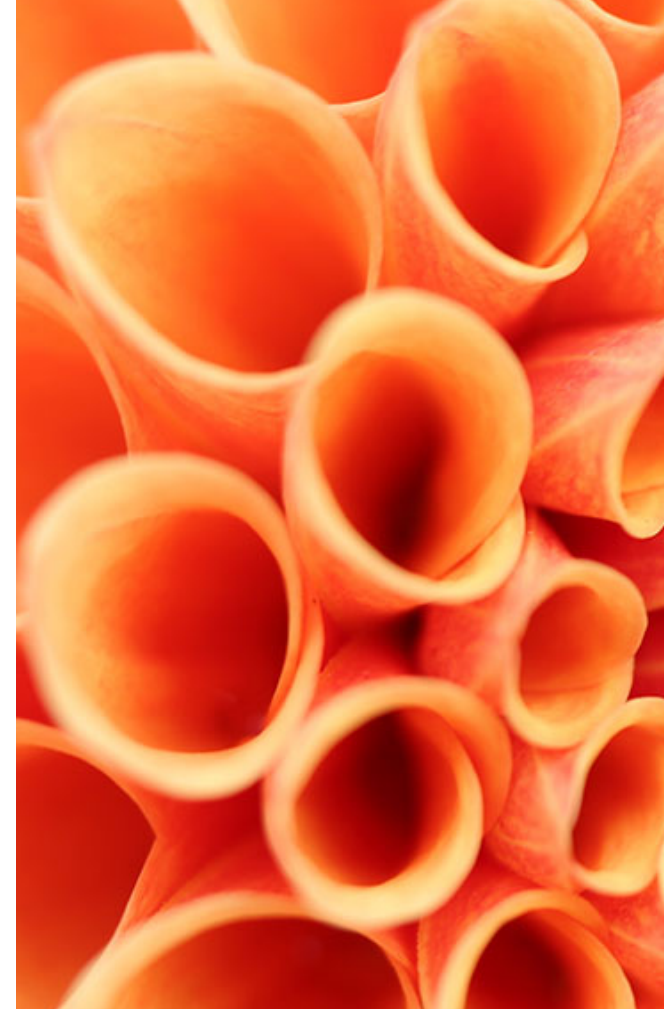
On the left bottom has some plugins and the left there are controls and EG

Plugins you can see the E-Piano and bottom there are rectangular boxes that you click and insert effects that you can click such as space designer and stereo spread that adds volume to the sound .

The controls have the bell ,drive ,bass ,tremolo ,ambience ,chorus ,reverb which you can adjust but it also depends on the software instrument that you choose

EQ for equalizer you can adjust vocals and drums the master selection adjusts the effects for the whole project try not to use the compressor cause the sound becomes mechanical and loses the natural sound .

Some software instruments will have like the E-piano option it will be labelled as ultra beat which is basic but on the logic pros it's more customizable .



Exporting your Project

Share you project as Export your song to disk that mp3 should be fine .anything above 128kps might give noise to the sound so 128kps is fine .

