

The Hidden Genius Within

Before we get into where the “Hidden Genius” is let’s first review the Orchestral & Solo section of our instruments. In addition to the beautiful organ, strings and vocal sound, found in the Organ Tabs Section, the Lowrey Virtual Orchestra features hundreds of authentic instrumental sounds! These sounds can be played alone or in combination with the tab sounds. The Orchestral/Solo Section provides you with additional sounds, primarily for use with the right hand on the upper keyboard. In addition to sounds, this entire section also controls effects such as Repeat, Portamento, Transpose, and Keyboard Split, to name a few. The Genius 1 & 2 buttons in the Orchestral and Solo sections add hundreds of sounds from the **GENIUS VOICE LIST** located in your owner’s manual.

These buttons and features will allow you to create your own favorite registrations. Keep in mind that many of the presets throughout the instrument have used combinations of the sounds and features from this section. Even if you are creating your own registrations, it is best to start with a factory preset and then make changes to your liking. For example, if you are creating Big Band registrations, start with the Big Band Category Presets and then make changes. Save those changes to a **BANK PRESET**.

The definition of Orchestral and Solo sounds and how they differ is important.

Red-colored **ORCHESTRAL** sounds are Polyphonic. Polyphonic means you can play two or more notes at the same time.

Blue-colored **SOLO** sounds are Monophonic. Monophonic means you can only play one note at a time. When multiple notes are being played, the Solo sound will always be heard on the highest note.

It is possible to play a Solo sound as if it were Polyphonic. Press the desired blue Solo button. Be sure the red-colored **UPPER ON** button is on (lighted) while the blue-colored **UPPER ON** and **LOWER ON** buttons are OFF (not lighted). Pressing the blue-colored Upper On button, turning it on, will make the selected Solo sound Monophonic.

The sounds listed in the Orchestral and Solo section, other than the genius buttons, are referred to as “Quick Picks”. These are the most common sounds many would use on a more frequent basis.

How to Change the Sound in a Genius Tab or Button

Every button and tab labeled with the word **GENIUS** has a sound, preset from the factory, assigned to it. Pressing a Genius button or tab activates that sound and changes the screen to display the name of that Genius sound. This is a quick and easy method of seeing what sounds are in a particular Genius button or tab. The name of the Genius sound will remain on the screen until the Genius button is pressed off or until the Touch Screen display is changed to a different function. There are three ways to assign **GENIUS** sounds to the buttons or tabs.

1. **SHORTCUT METHOD:** Press the **GENIUS** button or tab you wish to change. Press either **SCROLL** buttons to change the sound displayed on the screen. The sounds are in alphabetical order. Stop when the sound you desire appears on the screen. That sound is now the sound in that particular Genius tab or button. You may hear what the sound is like by playing some notes on the appropriate keyboard or the pedals. For example, if you press the Upper **GENIUS** tab and begin scrolling through the sounds available (on the screen) you can hear the sound that is currently listed by playing notes on the Upper Keyboard. If you like the sound stop pressing the Scroll buttons. If you wish to hear more sounds continue scrolling and playing keys to hear different sounds.
2. The following method will allow you to see the status of all the **GENIUS** tabs and buttons at once, in addition to being able to change them. Press the **GENIUS** screen button, on the normal **POWER UP** screen. The screen will display a list of the first six Genius buttons and tabs. **SOLO 1; SOLO 2; ORCH 1; ORCH 2; UPPER; LOWER**

Press the **NEXT** button, located at the bottom of the screen. The remaining Genius buttons and tabs will be displayed. **SOUND EFX 1; SOUND EFX 2; LOWER THEATRE; UPPER THEATRE; PEDAL; GOLDEN HARP**

- Press the Genius sound section, on the screen, which you wish to change. It will become highlighted.
 - Press either **SCROLL** button to display different choices.
 - Stop when the sound you want for the button or tab is displayed.
 - Press the **PREVIOUS** screen button to again view the first six **GENIUS** sounds
3. The following method will utilize the **KEYPAD** and the **GENIUS VOICE LISTS** found in the back of your owner's manual to determine the number of the **GENIUS** sound you want and placing that sound in a button or tab.

The **PEDAL GENIUS TAB, LOWER GENIUS TAB, UPPER GENIUS TAB, ORCHESTRAL GENIUS 1 & 2 BUTTONS, SOLO GENIUS 1 & 2 BUTTONS**, and the **GOLDEN HARP GENIUS BUTTON** all use sounds from the **GENIUS VOICE LIST**.

The lower **THEATRE GENIUS TAB** and the **UPPER GENIUS TAB** use sounds from the **THEATRE GENIUS VOICE LIST**.

The green buttons in the **SOUND EFFECTS SECTION** and the **THEATRE DRUMS TAB** use sounds from the **SOUND EFFECTS & DRUMS LIST**.

- Determine which list you need and find a sound you want. The sounds are listed alphabetically.
- Each sound will have a number.
- Press the **KEYPAD** screen button on the **POWER UP** screen to access the Keypad.
- Press the number of the **GENIUS** voice on the Keypad.
- Press the **GENIUS** tab or button in which you wish that sound to be.
- Press the lighted **FEATURE(CLEAR)** button to return to the **POWER UP** screen.
- Pressing the **RESET** button or turning the instrument off will return these sounds to the "Power-Up" settings.
- When you have a registration that you like, it can be saved into a **BANK PRESET**.

The beauty of the Lowrey Virtual Orchestra is that when you use the preset features you are utilizing the Genius Sounds. We at Lowrey created the presets so you can get the benefit of the great sounds and features by pressing just one or two buttons.