



Sk 1

Sk 2

Sk 1-73

Sk 1-88

**EXTRA VOICE
SECTION**

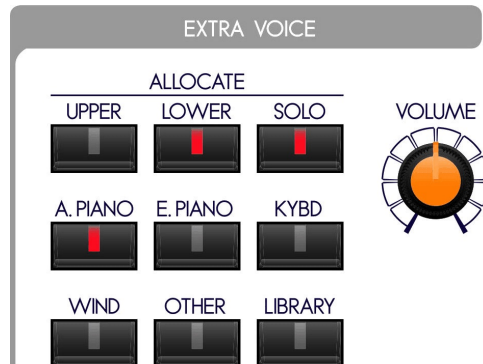
EXTRA VOICE Section

◆ What is an “EXTRA VOICE?”

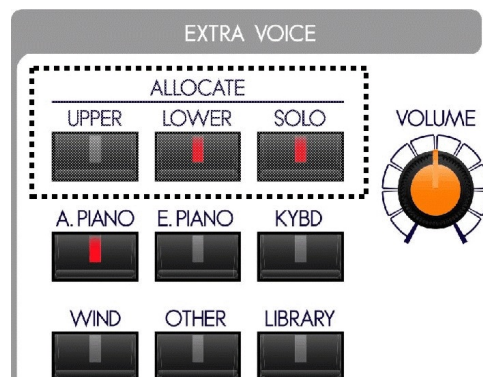
The Sk-series, in addition to being able to duplicate the sound of a vintage Hammond Organ as well as other organ sounds, has a voice section which offers digital reproductions of instrumental sounds such as Grand Piano, Electric Piano, Trumpet, Saxophone, etc. This is called the EXTRA VOICE Section and it is accessible using the EXTRA VOICE Touch Tabs.

◆ EXTRA VOICE Touch Tabs

The EXTRA VOICE Touch Tab group is located to the right side of the Information Center Display.



EXTRA VOICE ALLOCATE Touch Tabs



These allow you to control which division of the instrument will play the Voice you select.

UPPER

This Touch Tab allows the selected Voice to be played from the Upper Manual.



LOWER

This Touch Tab allows the selected Voice to be played from the Lower Manual.



NOTE: On the Sk1, Sk1-73 and Sk1-88, the SPLIT function must be “ON” in order for the Extra Voice to play when LOWER is selected. For more information, consult the KEYBOARD SPLIT section of this Guide.

SOLO

This Touch Tab cancels the Drawbars, allowing only the selected Extra Voice to play from the selected Manual.



EXTRA VOICE VOICE Touch Tabs



The VOICE Touch Tabs allow you to access various categories of voices. The categories represent voices which have been arranged into groups combining instruments of similar characteristics to make voice selection easier.

A.PIANO

This category contains Acoustic Pianos, Electric Grands, etc.

E.PIANO

This category contains Electric Pianos.

KYBD

This category contains other keyboard instruments such as Harpsichords, Accordions, Clavs, etc.

WIND

This category contains Wind instruments such as Trumpets, Saxes, etc.

OTHER

This category contains Glockenspiel, Vibraphone, Synth sounds, etc.

LIBRARY

This category, in addition to having pre-loaded sounds, can contain custom sounds which you can download and install using the USB Port. For complete instructions on how to do this, consult the USING THE USB PORT section of this Guide.

These voices can be used either in combination with the Drawbars or by themselves in Solo mode.

◆ EXTRA VOICE EDIT Menu

This Advanced Feature Menu allows you to modify the characteristics of the Extra Voices according to your preference.

Accessing the EXTRA VOICE EDIT Menu using the Touch Buttons:

1. From the PLAY Screen, touch the MENU/EXIT Touch Button to see the first screen of the MENU Mode. You will see “A” displayed in the extreme upper left corner of the Information Center Display.



2. Touch the PAGE RIGHT Touch Button once. The legend, “EXVOICE” in the lower left corner of the Information Center Display will be blinking.



3. Touch the ENTER Touch Button.

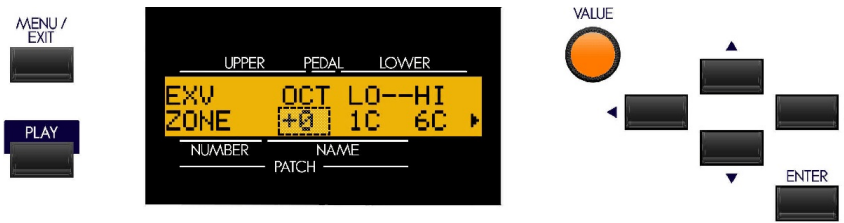
Accessing the EXTRA VOICE EDIT Menu using the Shortcut:

Touch any of the EXTRA VOICE CATEGORY Touch Tabs. The Information Center Display should now display the selected Extra Voice for the Category you selected. For example, if you touch the A.PIANO

IMPORTANT NOTE: If you used the Shortcut to access the EXTRA VOICE EDIT Menu, the first screen you will see is actually **Page 2** of the EXTRA VOICE EDIT Menu. Therefore, you should touch the PAGE LEFT Touch Button once to see Page 1 since the Menu pages will be covered in order. For information about Page 2 of the EXTRA VOICE EDIT Menu, please consult page 5 of this section of the Guide.

You are now in the VOICE EDIT Menu. You may now use the PAGE NAVIGATION Touch Buttons in conjunction with the VALUE Rotary Control to make various changes to the Voices. These changes are explained starting on the next page.

EXTRA VOICE EDIT Menu - Page 1



Extra Voice Octave

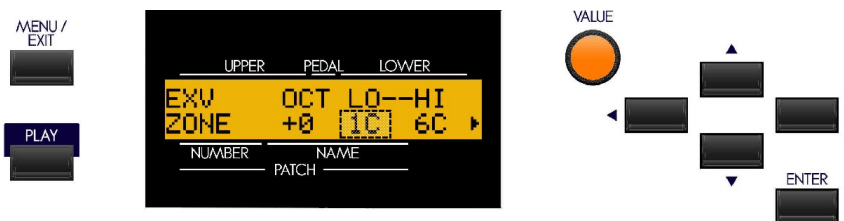
This Advanced Feature allows you to select the Octave range in which the Extra Voices will play. The data chart below shows the options you may select.

Octave Options	
Description	Function
-2	The sound is two octaves below the regular pitch.
-1	The sound is one octave below the regular pitch.
0	The sound is at normal pitch.
+1	The sound is one octave above the regular pitch.
+2	The sound is two octaves above the regular pitch.

Turn the VALUE Rotary Control to the **right** to **raise** the Octave.

Turn the VALUE Rotary Control to the **left** to **lower** the Octave.

From the previous screen, touch the PAGE RIGHT Touch Button once. The number underneath the letters “LO” should now blink.



Extra Voice Zone - Lower Limit

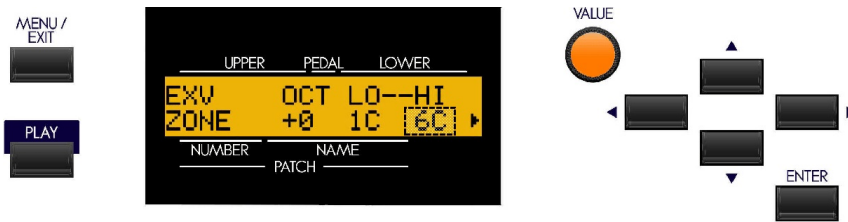
This Advanced Feature allows you to set the **lowest** note the Extra Voices will play. The data chart below shows the options you may select for your particular Sk-series instrument.

EXTRA VOICE ZONE - Lower Limit Options	
Model	Options
Sk1, Sk2	1C ~ 6C
Sk1-73	0F ~ 6F
Sk1-88	0C ~ 8C

Turn the VALUE Rotary Control to the **right** to move the Lower Limit farther to the **right** on the keyboard.

Turn the VALUE Rotary Control to the **left** to move the Lower Limit farther to the **left** on the keyboard.

From the previous screen, touch the **PAGE RIGHT Touch Button** once. The number underneath the letters “RL” should now blink.



Extra Voice Zone - Upper Limit

This Advanced Feature allows you to set the **highest** note the Extra Voices will play. The data chart below shows the options you may select for your particular Sk-series instrument.

EXTRA VOICE ZONE - Lower Limit Options	
Model	Options
Sk1, Sk2	1C ~ 6C
Sk1-73	0F ~ 6F
Sk1-88	0C ~ 8C

Turn the VALUE Rotary Control to the **right** to move the Upper Limit farther to the **right**.

Turn the VALUE Rotary Control to the **left** to move the Upper Limit farther to the **left**.

NOTE: The Upper Limit number **can not** be lower than the Lower Limit number.

From the previous screen, touch the **PAGE RIGHT Touch Button** once.

The next screen will show the Extra Voice Category on the **upper** line and the specific voice selected on the **lower** line. The number of sub-categories within each Category will determine whether the top or the bottom line will blink.

For example, if an Extra Voice category has more than one sub-category, the **upper** line will blink, as shown below:



The upper line of the screen should now blink. This is due to the fact that the A.PIANO Voice Category has two sub-categories - “A.Piano” and “A.Piano2.”

Turn the VALUE Rotary Control to select the sub-category.

NOTE: If you have loaded additional Extra Voice Libraries, the above also applies. You can use the VALUE Rotary Knob to select the appropriate Voice Category. However, if you have not loaded any additional Voice Libraries, the **bottom** line of the Information Center Display will blink. This is because the Sk-series firmware only contains one category for the LIBRARY.

NOTE: More information about Voice Libraries will be found in the USING THE USB PORT section of this Guide.

Extra Voice Category - Voice Selection

This Advanced Feature allows you to select the Extra Voices which will play for each Voice Category.

In this mode, touching any of the VOICE SELECT Touch Tabs will show the different Voice selections in each category in the Information Center Display.

Touch the appropriate Touch Tab for each Voice Category.

Turn the VALUE Rotary Control to the **right** to advance **forward** through the choices.

Turn the VALUE Rotary Control to the **left** to advance **backward** through the choices.

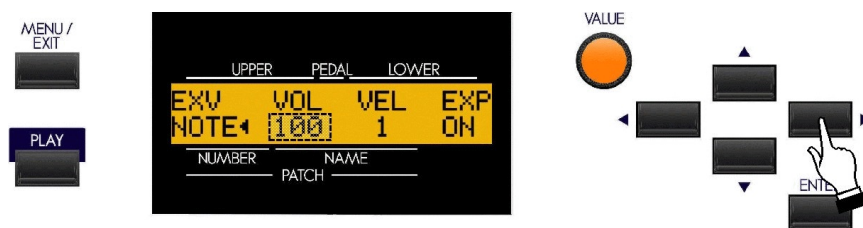
NOTE: If the **top** line of the Information Center Display is blinking, touch the PAGE RIGHT Touch Button **once** to cause the bottom line to blink. You will then be able to select the Extra Voice for the Category displayed on the top line.

NOTE: The number of Voices listed will vary from category to category. For a complete listing of built-in Extra Voices, consult the EXTRA VOICE Instrument List in the APPENDIX.

NOTE: For more information regarding selecting Extra Voices, consult page 10.

EXTRA VOICE EDIT Menu - Page 2

From the previous screen, touch the PAGE RIGHT Touch Button once. The Information Center Display should now look like this:



The number underneath the word “VOL” should be blinking.

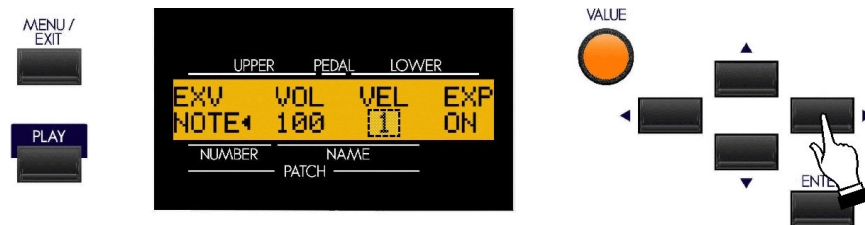
Extra Voice Volume

This Advanced Feature allows you to adjust the Volume of the Extra Voice section. You can select from “0” (minimum) to “127” (maximum).

Turn either the VALUE or EXTRA VOICE VOLUME Rotary Control to the **right** to **increase** the Volume.

Turn either the VALUE or EXTRA VOICE VOLUME Rotary Control to the **left** to **decrease** the Volume.

From the previous screen, touch the PAGE RIGHT Touch Button once. The Information Center Display should now look like this:



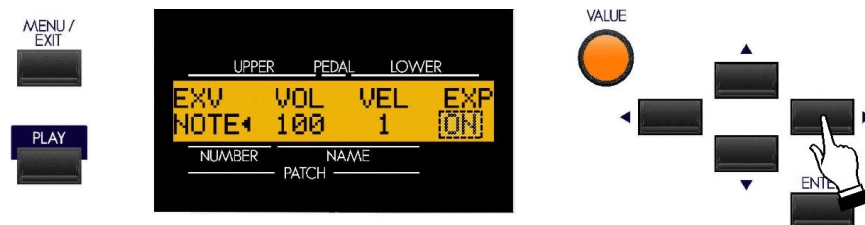
The number underneath the word “VEL” should be blinking.

Extra Voice Velocity

This Advanced Feature allows you to determine how the Extra Voice will respond to key velocity. You can select “OF” or “off” (standard organ touch - the notes sound at the same volume regardless of a light or heavy key pressure) and “1 ~ 4”. “1” is the most exaggerated velocity curve while “4” is a gentler curve. “2” and “3” are curves in between.

Turn the VALUE Rotary Control to make your selection.

From the previous screen, touch the PAGE RIGHT Touch Button once. The Information Center Display should now look like this:



The word underneath the word “EXP” should be blinking.

Extra Voice Expression

This Advanced Feature allows you to determine whether you want to control the volume of the selected Extra Voice with a connected Expression Pedal. You can select “OF” or “off” (the Extra Voices will not receive expression from an Expression Pedal) or “ON” (the volume of the Extra Voices will be raised or lowered by movement of a connected Expression Pedal).

Turn the VALUE Rotary Control to make your selection.

Making Voice Selections For Each Category

TRY THIS:

1. Touch the UPPER Touch Tab. The red LED will light.



2. If the A.PIANO (Acoustic Piano LED is not lit, touch the A.PIANO Touch Tab.



The Information Center Display should now look similar to this:



The lower line of the display should now be blinking.

3. Play some notes. You will now hear the sound of an acoustic grand piano.

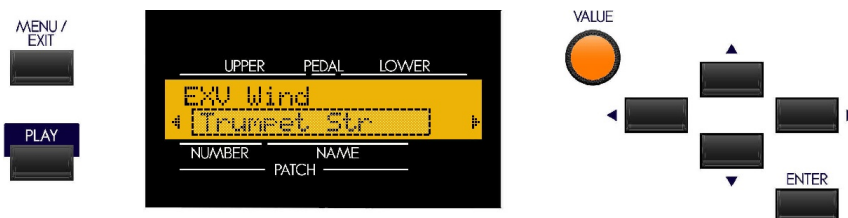
4. Now turn the VALUE Rotary Control until the Information Center Display shows the following:



5. Play some notes. You will now hear the sound of an electric grand piano.
6. Now touch the WIND Touch Tab.



The Information Center Display should now look similar to this:



The lower line of the display should now be blinking. If “Trumpet Str.” is not displaying, turn the VALUE Rotary Knob until it does.

7. Play some notes. You will now hear the sound of a trumpet.

Allocating Extra Voices - UPPER Manual

TRY THIS:

1. If the A.PIANO (Acoustic Piano LED is not lit, touch the A.PIANO Touch Tab.



The Information Center Display should now look similar to this:



The lower line of the display should now be blinking.

2. If the UPPER LED is not lit, touch the UPPER Touch Tab. The red LED will light.

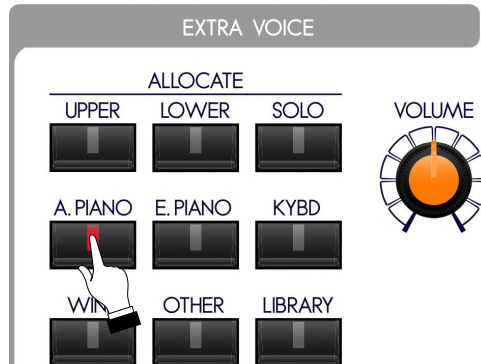


3. Play some notes on the manual (or the Upper Manual of the SK-2). You will now hear the sound of an acoustic grand piano.

Allocating Extra Voices - LOWER Manual

TRY THIS:

1. If the A.PIANO (Acoustic Piano LED is not lit, touch the A.PIANO Touch Tab.

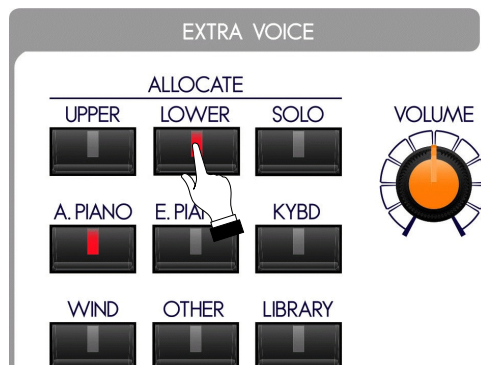


The Information Center Display should now look similar to this:



The lower line of the display should now be blinking.

2. If the LOWER LED is not lit, touch the LOWER Touch Tab. The red LED will light.



3. Follow the directions below which apply to your instrument.

Sk1, Sk1-73, Sk1-88 - Touch the SPLIT Touch Tab to enable Keyboard Split.

Sk2 - Proceed to the next step.

4. Play some notes on the manual to the left of the Split point (or the Lower Manual of the SK-2). You will now hear the sound of an acoustic grand piano on the Lower Manual.

Using Drawbars and Extra Voices Together

You can use the two tone-producing divisions of your SK-series instrument in conjunction with each other:

1. Using Drawbars on one manual and Extra Voices on the other, or
2. Using Drawbars and Extra Voices together on one manual and Drawbars on the other.

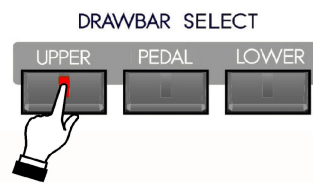
The following examples will show you how to do this.

NOTE: The Extra Voice section may not be used on both manuals simultaneously.

Using Drawbars and Extra Voices together on the same manual

TRY THIS:

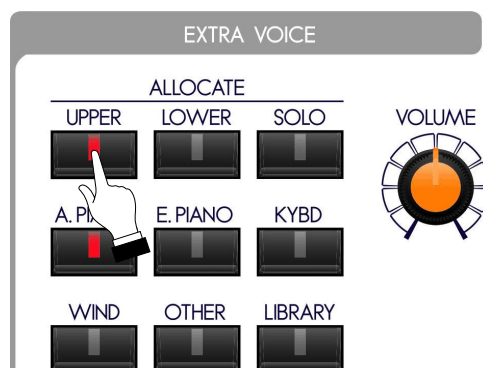
1. Touch the UPPER Touch Tab in the DRAWBAR SELECT Touch Tab section to turn it “ON” (red LED lit).



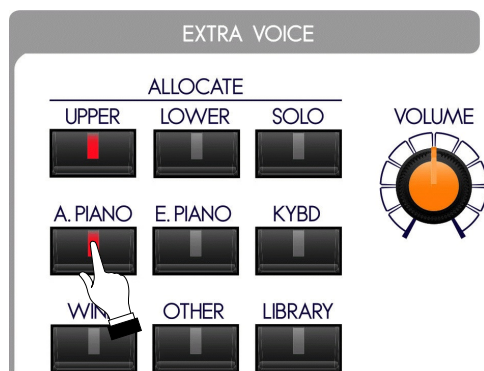
2. Create a Drawbar registration - for example, 88 8800 008. You can confirm the registration by consulting the Information Center Display.

NOTE: To see the Drawbar registration displayed numerically, touch the PLAY Touch Button repeatedly until the numbers show on the top line of the display.

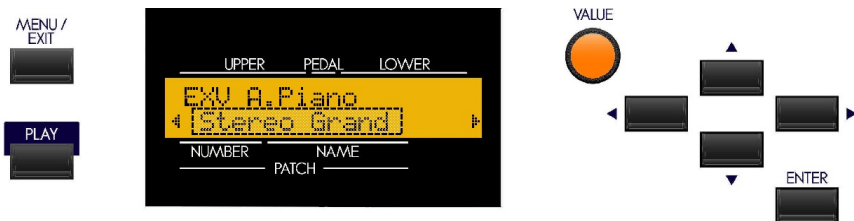
3. Play some notes on the manual (Sk1-series) or the Upper Manual of the Sk-2. You will hear the notes play with the Drawbar registration you just set up.
4. Now touch the UPPER Touch Tab in the EXTRA VOICE section. The red LED will light.



5. If the A.PIANO (Acoustic Piano LED is not lit, touch the A.PIANO Touch Tab.



The Information Center Display should now look similar to this:



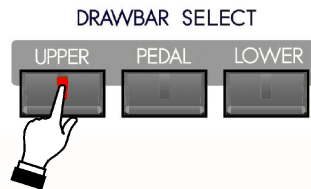
The lower line of the display should now be blinking.

6. Play some notes. You will now hear the Piano sound along with the Drawbar registration.

Using Drawbars and Extra Voices on separate manuals

TRY THIS:

1. Touch the UPPER Touch Tab in the DRAWBAR SELECT Touch Tab section to turn it “ON” (red LED lit).



2. Create a Drawbar registration - for example, 88 8800 008. You can confirm the registration by consulting the Information Center Display.

NOTE: To see the Drawbar registration displayed numerically, touch the PLAY Touch Button repeatedly until the numbers show on the top line of the display.

3. Play some notes on the manual (Sk1-series) or the Upper Manual of the Sk-2. You will hear the notes play with the Drawbar registration you just set up.
4. If the A.PIANO (Acoustic Piano LED is not lit, touch the A.PIANO Touch Tab.

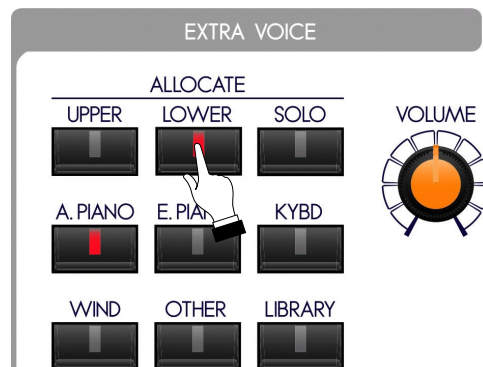


The Information Center Display should now look similar to this:



The lower line of the display should now be blinking.

5. If the LOWER LED is not lit, touch the LOWER Touch Tab. The red LED will light.



6. Follow the directions below which apply to your instrument.

Sk1, Sk1-73, Sk1-88 - Touch the SPLIT Touch Tab to turn the SPLIT feature “ON,” and play some notes on the manual to the left of the split point. You will hear the notes play with the Drawbar registration you just set up.

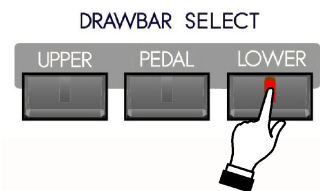
Sk2 - Play some notes on the Lower Manual. You will now hear the sound of an acoustic grand piano on the Lower Manual.

In the above example, you have a Piano on the Lower Manual and Drawbars on the Upper Manual.

You can also register the Extra Voice for the Upper Manual and Drawbars for the Lower Manual.

TRY THIS:

1. Touch the LOWER Touch Tab in the DRAWBAR SELECT Touch Tab section to turn it “ON” (red LED lit).



2. Create a Drawbar registration - for example, 00 8400 000. You can confirm the registration by consulting the Information Center Display.
3. Follow the directions below which apply to your instrument.

Sk1, Sk1-73, Sk1-88 - Touch the SPLIT Touch Tab to turn the SPLIT feature “ON,” and play some notes on the manual to the left of the split point. You will hear the notes play with the Drawbar registration you just set up.

Sk2 - Play some notes on the Lower Manual. You will hear the notes play with the Drawbar registration you just set up.

- If the A.PIANO (Acoustic Piano LED is not lit, touch the A.PIANO Touch Tab.

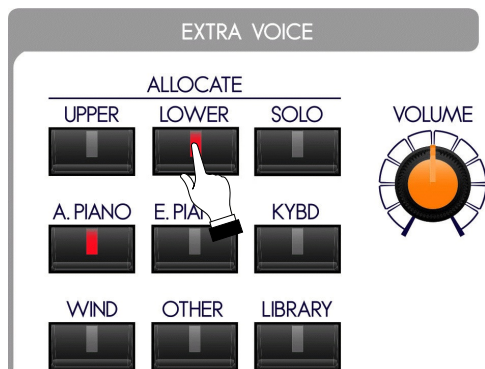


The Information Center Display should now look similar to this:



The lower line of the display should now be blinking.

- If the UPPER LED is not lit, touch the UPPER Touch Tab in the EXTRA VOICE section. The red LED will light.



- Follow the directions below which apply to your instrument.

Sk1, Sk1-73, Sk1-88 - Play some notes on the manual to the right of the split point. You will hear the notes played with the Piano sound.

Sk2 - Play some notes on the Upper Manual. You will now hear the sound of an acoustic grand piano on the Upper Manual.

◆ SPECIAL NOTE - ProChord™

When you scroll through the Extra Voices in each Voice Category, you may have noticed the legend, “**Pcd**”



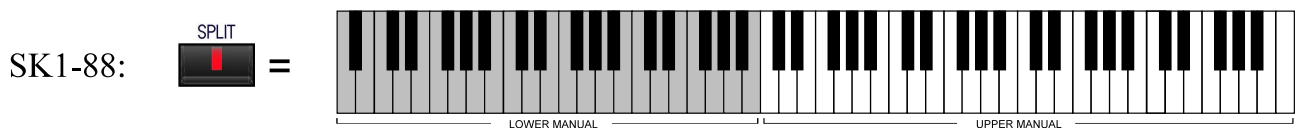
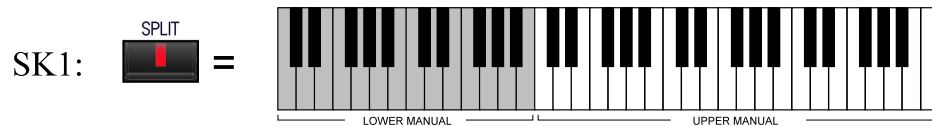
You will see “Pcd” in several of the Voice Names in the A.PIANO, WIND and OTHER Voice Categories.

“PCD” is an abbreviation for **ProChord™**. The next paragraphs will explain in detail how to use the ProChord™ feature.

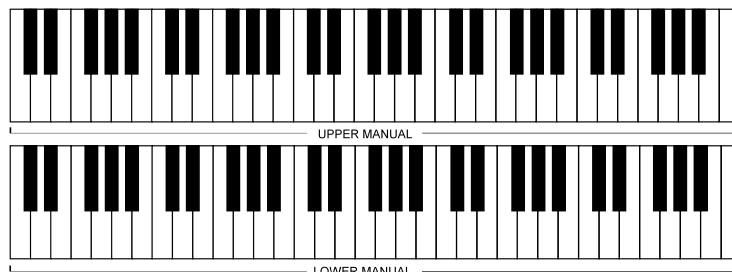
What Is “ProChord™” - PLEASE READ

ProChord™ is a unique feature of certain Hammond Organ models, including the Sk-series, which allows you to play professional right-hand harmony while playing a single-note melody. The harmonization applied to the melody is determined by which chord is played by the left hand.

On the Sk1, the SPLIT feature must be enabled (SPLIT Touch Tab “ON”) and a note or chord played to the left of the Split point in order for the harmony to sound when notes are played to the right of the Split point.



On the Sk2, a note or chord must be played on the Lower Manual in order for the ProChord harmony to sound when notes are played on the Upper Manual.

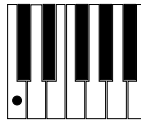


ProChord works like this: When notes or chords are played on a Lower Manual and a note is played on an Upper Manual, the note represented by the key played on the Upper Manual is heard along with a scored harmony pattern which sounds according to the Chord Root and Chord Type selected by the notes played on the Lower Manual. The Chord Root is the letter name of the chord (F, A, B^b, etc) while the Chord Type is the denomination of the chord (Major, Minor, Augmented, etc.). The ProChord feature on the Sk-series instruments will recognize 26 different Chord Types in response to notes played on a Lower Manual. The following page will show how to play the five basic Chord Types using a minimum number of notes.

ProChord Chords

Major Chords

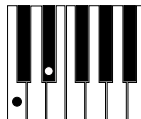
To play a Major chord, play the key that is the name of the chord you are playing. For example, to play a C Major chord, Play a "C" key on the Lower Manual.



Minor Chords

Minor Chords are formed by touching and holding two keys. To play a "C" Minor Chord, first touch and hold the key that is the NAME of the chord. Second, determine the note which is a minor third above the key you are holding by counting three (3) keys to the right not including the key you are holding. For a C Minor Chord, this note is "E^b".

1. C
2. E^b



Seventh Chords

Forming a Seventh Chord requires touching and holding two keys. To play a "C" Seventh Chord, play the key that is the NAME of the chord. To determine the second key, count two (2) keys to the left of the first key (B^b if you are playing a C Seventh Chord). Do not include the first key in your count.

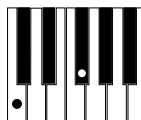
1. C
2. B^b



Diminished Chords

Forming a Diminished Chord requires touching and holding two keys. To play a "C" Diminished Chord, play the key that is the NAME of the chord. To determine the second key, count six (6) keys either to the left or the right of the first key (G^b if you are playing a C Diminished Chord). Do not include the first key in your count.

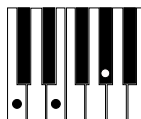
1. C
2. G^b



Augmented Chords

Forming an Augmented Chord requires touching and holding three keys. To play a "C" Augmented Chord, play the key that is the NAME of the chord. Next, count three (3) keys to the right. Finally, count three (3) more notes to the right of the key you just added. For a C Augmented Chord, these three notes are:

1. C
2. E
3. G[#]

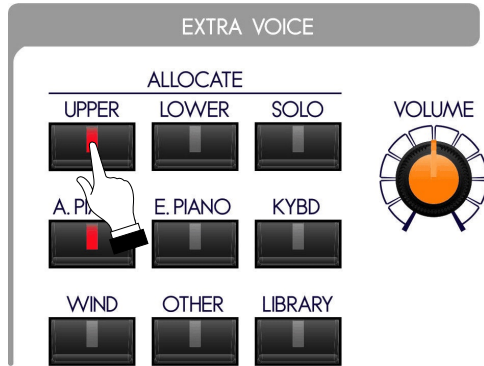


NOTE: In addition to the above method, the entire chord can also be played to produce the same result.

Using ProChord

TRY THIS:

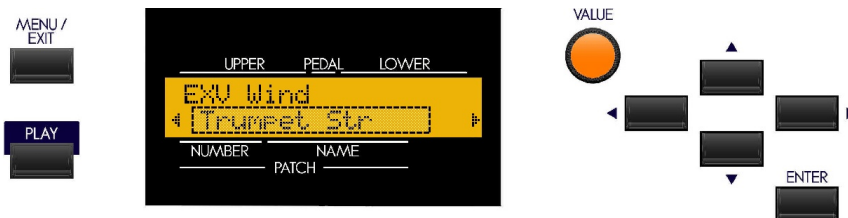
1. Touch the UPPER Touch Tab in the EXTRA VOICE . The red LED will light.



2. If the WIND Touch Tab LED is not lit, touch the WIND Touch Tab.

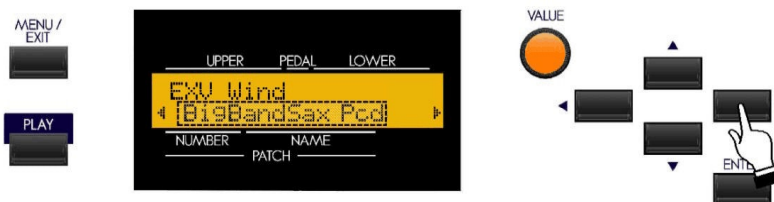


The Information Center Display should now look similar to this:



The lower line of the display should now be blinking.

3. From the current screen, turn the VALUE Rotary Control until the Information Center Display looks like this:



4. For this example, touch the SOLO Touch Tab so that only the Extra Voice will sound:



5. Follow the directions below which apply to your instrument.

Sk1, Sk1-73, Sk1-88 - Touch the SPLIT Touch Tab to enable Keyboard Split.

Sk2 - Proceed to the next step.

6. **Sk1** - Play a chord on the manual to the left of the Split point. Hold the keys down.

Sk2 - Play a chord on the Lower Manual. Hold the keys down.

7. While holding the keys down,

Sk1 - Play a single-note melody to the right of the Split point.

Sk2 - Play a single-note melody on the Upper Manual.

You will hear the melody note plus harmony notes underneath the melody.

The above instructions apply to all of the Extra Voices with ProChord. Each ProChord Extra Voice will be a melody note plus a different harmony pattern. The **Big Band Sax** pattern has a 5-part open-harmony pattern, for example, while the **Old Time Pno** pattern has a 4-part closed harmony pattern. There are also 2- and 3-part patterns. Feel free to experiment with the different ProChord choices; however, remember that the harmony will ONLY sound if Lower Manual notes are pressed and held while the melody is played.

NOTE: When a ProChord Extra Voice is selected, the Upper Manual becomes monophonic - if a chord is played with the right hand only one key will play. Therefore, when using ProChord play a single-note melody.