



Sk1

Sk2

Sk1-73

Sk1-88

INTRODUCTION

INTRODUCTION

◆ Basic Hook-Up

All connections are found on the Accessory Panel on the back of the Sk-series keyboard.

A.C. Power

Your Hammond Sk-series keyboard is shipped from the factory set for 120 V.A.C. power. To connect the Sk-series keyboard to A.C. power:

- a. Locate the A.C. Power Cord and A.C. Power Adapter that came with your Sk-series keyboard.
- b. Plug the A.C. Power Cord into the Adapter
- c. Plug the female end of the Adapter into the receptacle on the Sk-series keyboard marked, "AC IN."
- d. Plug the 3-pronged Power Cord into an A.C. power outlet.

Audio Connections

You can either:

1. Connect the Sk-series keyboard to an amplifier, or;
2. Connect the Sk-series keyboard to a Leslie Speaker cabinet.

Connecting to an Amplifier

1. Use two audio cables with $\frac{1}{4}$ " plugs on both ends of each cable.
2. Connect one end of each of the audio cables to the audio output connectors (marked LINE OUT) on the Accessory Panel.
3. Connect the other ends of each cable to the female $\frac{1}{4}$ " audio input connectors of your amplifier.

If your amplifier has only a single (1) female $\frac{1}{4}$ " phono plug audio input, you can connect one end of one cable to the L/MONO audio output connector on the Sk-series keyboard, and the other end to the female $\frac{1}{4}$ " audio input connector of your amplifier.

NOTE: If you wish to use the L/MONO output only, you should set the Audio Mode of your instrument to MONO. This is covered in the SPECIAL UTILITY FEATURES section.

Connecting a Leslie Speaker

The 8-pin Leslie DIN socket on your Sk-series keyboard allows you to plug directly into any Leslie speaker having an 8-pin DIN interface. If you wish to use a Leslie Speaker with your Sk-series keyboard, the Leslie Speaker should be connected before turning the power "ON." To do this:

1. Locate the 8-pin Leslie Connector Cable.
2. Plug one end of the Connector Cable into the receptacle on the Leslie Speaker.
3. Plug the other end of the Connector Cable into the 8-pin Leslie socket found on the Accessory Panel of the Sk-series keyboard.

Both the Leslie connections are "keyed," that is, each connection contains a notch which insures that the pins properly match up.

NOTE: The 8-pin Leslie DIN socket on your Sk-series keyboard allows you to plug directly into any Leslie speaker having an 8-pin DIN interface. Current models include the 2101 and 3300. However, when plugging the Sk-series keyboard into a single-channel Leslie cabinet such as a 3300, only the Drawbars will sound through the Leslie.

NOTE: To connect the Sk-series keyboard to a Leslie Speaker having a different pin configuration such as an older 6-pin 122 or 147, a 9-pin cabinet such as the 900 series, 760 or 770 cabinets, or a Leslie cabinet having an 11-pin socket such as a 122XB, or the 11-pin socket of a model 3300, etc., you will need an adapter kit and/or Connector Cable. Contact your Hammond Dealer for more information regarding which adapter kit and/or cable you may need.

Connecting a Foot Switch

You can connect an optional foot switch such as the Hammond model FS-9H foot switch to your Sk-series keyboard. Connect the foot switch plug to the jack marked "FOOT SW" on the back of the Sk-series keyboard.



NOTE: In order to insure proper operation of the Foot Switch, be sure to connect it when the power to the Sk-series keyboard is "OFF."

NOTE: The FOOT SW jack on your Sk-series instrument is "TRS-compatible," meaning that by using a Stereo input plug more than one Foot Switch can be used. For a complete explanation of this, consult the SPECIAL PERFORMANCE FEATURES section.

Connecting the CU-1 Leslie Speed Switch

The CU-1 (Control Unit - 1) switch, available as an optional accessory, allows you to control the speeds either of a connected Leslie Speaker or of the internal digital Leslie. Connect the 1/4" plug to the jack marked "FOOT SW" on the back of the Sk-series keyboard.



NOTE: In order to insure proper operation of the CU-1, the FOOT SW parameter in the CONTROL Edit Menu must be set to "CU-1." For more information, please consult page 4 of the SPECIAL PERFORMANCE FEATURES section.

Connecting a Damper Pedal

To connect a Damper (piano sustain) Pedal, connect the plug from the pedal into the jack marked "DAMPER" on the back of the Sk-series keyboard.

Connecting an EXP-50 Expression Pedal

If you wish to use a Hammond EXP-50 S Expression Pedal, connect the plug from the EXP-50 into the EXP.PEDAL jack.

Connecting a MIDI Pedalboard

If you wish to use a Hammond MIDI Pedalboard, use a MIDI cable to connect the MIDI OUT port from the Pedalboard to the MIDI IN port of the Sk-series instrument.

NOTE: If you are using an XPK-100 Pedalboard, the MIDI Channel should be set to "3." Also for best results, the Control Channel should be set to "16." Please consult your XPK-100 Quick Features Guide for further instructions.

Other MIDI Connections

Your Sk-series keyboard can interface with a great number of MIDI-compatible devices. See the MIDI section for more information about MIDI connections and your Hammond Sk-series keyboard.

Connecting a Set of Headphones

A stereo headphone jack is provided on the Accessory Panel next to the LINE OUT jacks so that you may play or practice in privacy. Connect the plug from a set of stereo Headphones into the Headphone jack.

NOTE: Be sure that your headphone set has either a 1/4" plug or an adapter for a 1/4" plug.

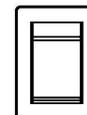
◆ Basic Controls

The panel controls on the Sk-series keyboard include Drawbars, Rotary Controls, Touch Tabs and Touch Buttons. These controls allow you to make adjustments and changes on the instrument.

ON / OFF Power Switch

The ON / OFF Power Switch is located at the rear of the instrument on the left side of the Accessory Panel (the right side if you're in front of the keyboard(s)). When this switch is in the "ON" (pushed in at the top) position, the Information Center Display as well as some LED's (Light Emitting Diodes) will light up showing that the instrument is "ON".

POWER ON



MASTER VOLUME Rotary Control

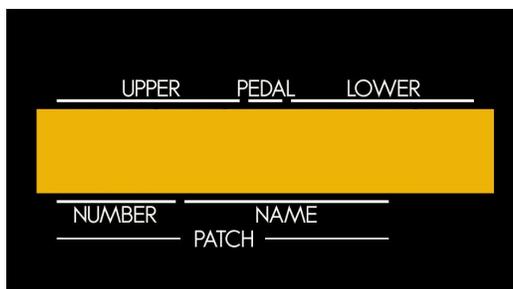
The **MASTER VOLUME Rotary Control** is located on the Control Panel to the left of the Drawbars. With this Rotary Control, you can control the total or maximum volume of the entire instrument. Turn this control to the right to increase the total volume, and to the left to decrease the total volume.



NOTE: If you have an Expression Pedal connected to the SK, it will express up to the amount determined by the setting of the MASTER VOLUME Rotary Control.

Information Center Display

The Information Center Display is located in the upper center of the instrument.



The Information Center Display has two modes: (1) the PLAY mode and (2) the MENU MODE. The PLAY Mode allows you to graphically see Drawbar settings, Extra Voice settings, Patch Numbers and Patch Names. The MENU Mode allows you to change and edit the Sk-series keyboard's software parameters such as Drawbar Voicing, MIDI parameters and other advanced functions.

NOTE: The PLAY and MENU Modes are covered in the [Information Center Display](#) section of this Guide.

Drawbars

The Drawbars are the heart and soul of the Hammond Sound. There are two sets of nine Drawbars, sometimes referred to as Tonebars, for Upper and Lower Keyboard functions, and two Drawbars for Pedal tones, located between the Upper and Lower Keyboard Drawbar sets.

Pulling a Drawbar **out** (towards you) will increase the volume from 0 (no sound) to 8 (maximum volume). Pushing the Drawbar **in** (away from you) decreases the volume of that Drawbar.

Please refer to the **DRAWBARS & PERCUSSION** section of this Owner's Playing Guide for a complete explanation of Hammond Drawbars.



Touch Tabs

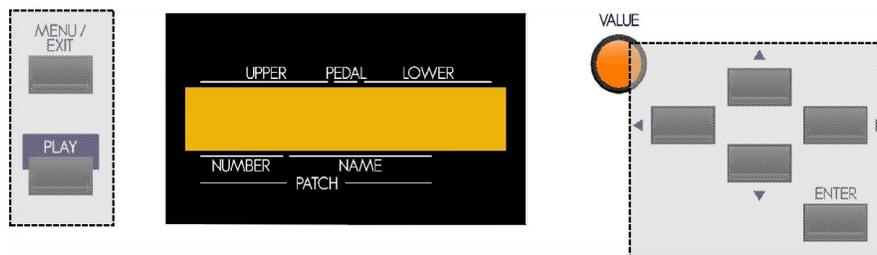
Touch Tabs have red LED's or lights them that will light up indicating "ON".



NOTE: The Touch Tabs in the **FAVORITES** and **EXTRA VOICE** Sections **do not** all turn off, at least one LED in each of these five Sections will always remain lighted.

Touch Buttons

Touch Buttons are the buttons found in the Information Center Display.



Touch Buttons have two different functions.

1. **Select Touch Buttons** will allow you to select among multiple functions such as selecting a Menu Page.
2. **Touch ON / Touch OFF Touch Buttons** turn "ON" or "OFF" specific functions such as SUSTAIN.

NOTE: More detail about each of these sections is covered later in this Owner's Playing Guide. Refer to the Table of Contents for the page numbers.

◆ USB Port



The **USB Port** is located in the middle of the Accessory Panel. It is designed to accept a USB Flash Drive, which allows you to:

1. Play MP3-format files,
2. Play .WAV-format files,
3. Save Setups,
4. Load previously stored Setups from a USB Flash Drive into the Sk-series keyboard,
5. Install software upgrades into the SK's operating system,
6. Load new Extra Voices into the Sk-series Voice Library.

For more information about the USB port, see **USING THE USB PORT**.

◆ Important - Read This

If you have the Sk1, Sk1-73, or Sk1-88:



Model Sk1



Model Sk1-73



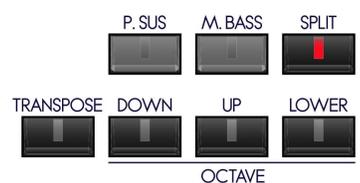
Model Sk1-88

Although the Sk1 keyboard is a single-keyboard instrument, it can be made to function in a manner similar to an instrument with two keyboards and a pedal keyboard, such as an organ. This is the reason for the references to **UPPER**, **LOWER** and **PEDAL** on the instrument.

On an organ, the **UPPER** Keyboard is usually used for the melody, and is played with the right hand. The **LOWER** Keyboard is usually used to provide accompaniment, or harmonic support for the melody and is played by the left hand. The **PEDAL** Keyboard, or *clavier*, is used to play the bass notes and is most commonly played by the left foot.

On the Sk1, this playing style is replicated by partitioning or “splitting” the single 61-note keyboard into two parts. The part played by the **right** hand is referred to as the **UPPER** Keyboard, while the part played by the **left** hand is referred to as the **LOWER** Keyboard.

The **SPLIT** Touch Tab, located on the right of the control panel, is used to divide the keyboard into Upper and Lower Keyboards. Normally, the third “C” key counting from the left on the keyboard marks the dividing point between the Upper and Lower Keyboard.



IMPORTANT NOTE: "C3" is the default Split point; however, you can relocate the Split point elsewhere on the keyboard. This is explained later in this Guide.

If you have the Sk2:

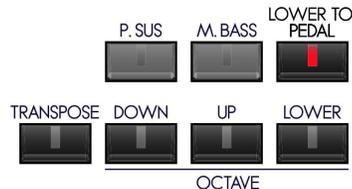


The Sk2 keyboard is a double-manual instrument which functions in a manner similar to a conventional two-keyboard organ.

On an organ, the UPPER Keyboard is usually used for the melody, and is played with the right hand. The LOWER Keyboard is usually used to provide accompaniment, or harmonic support for the melody and is played by the left hand. The PEDAL Keyboard, or clavier, is used to play the bass notes and is most commonly played by the left foot.

On the Sk2, this playing style can be faithfully replicated by playing the Upper and Lower Manuals in much the same fashion as you would a conventional two-manual organ, although it is recommended that for maximum flexibility you register one manual with Drawbar sounds and the other manual with an Extra Voice registration such as Piano, Strings, etc.

The LOWER TO PEDAL Touch Tab, located on the right of the control panel, is used to enhance the tones played from the Pedals. When the LOWER TO PEDAL Touch Tab is “ON,” (LED lit), the registration set for the Lower Manual will play from the Pedals.



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