



Skx

INTRODUCTION

INTRODUCTION

◆ Basic Hook-Up

All connections are found on the Accessory Panel on the back of the **SKX**.

A.C. Power

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

- a. Locate the A.C. Power Cord and A.C. Power Adapter that came with your **SKX**.
- b. Plug the A.C. Power Cord into the Adapter.
- c. Plug the female end of the Adapter into the receptacle on the **SKX** marked, "AC IN."
- d. Secure the cord through the strain-relief next to the AC IN socket to prevent the A.C. adapter from accidentally being unplugged from the instrument.
- e. Plug the 3-pronged Power Cord into an A.C. power outlet.

Audio Connections

You can either:

1. Connect the **SKX** to an amplifier, or;
2. Connect the **SKX** 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 **SKX**, 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 11-pin Leslie socket on your **SKX** allows you to plug directly into any Leslie speaker having an 11-pin interface. If you wish to use a Leslie Speaker with your **SKX**, the Leslie Speaker should be connected before turning the power "ON." To do this:

1. Locate an 11-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 11-pin Leslie socket found on the Accessory Panel of the **SKX**.

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

NOTE: The 11-pin Leslie socket on your **SKX** allows you to plug directly into any Leslie speaker having an 11-pin interface. Current models include the 2101, 3300, 122XB and 981. However, when plugging the **SKX** into a single-channel Leslie cabinet such as a 3300, only the Drawbars will sound through the Leslie.

NOTE: To connect the **SKX** to a Leslie Speaker having a different pin configuration such as an older 6-pin 122 or 147 or a 9-pin cabinet such as the 760, 770 or 900 series cabinets, 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 **SKX**. Connect the foot switch plug to the jack marked "FOOT SW" on the back of the **SKX**.



NOTE: In order to insure proper operation of the Foot Switch, be sure to connect it when the power to the **SKX** is "OFF."

NOTE: The FOOT SW jack on your **SKX** 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 **SKX**.



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 **SKX**.

Connecting an EXP-50 Expression Pedal

If you wish to use a Hammond EXP-50 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 **SKX**.

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 **SKX** can interface with a great number of MIDI-compatible devices. See the MIDI section for more information about MIDI connections and your Hammond **SKX**.

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.

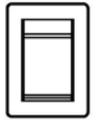
◆ Basic Controls

The panel controls on the **SKX** 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

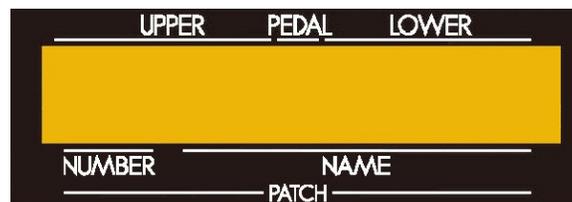
The **MASTER VOLUME Rotary Control** is located on the extreme left of the Control Panel. With this Rotary Control, you can control the total or maximum volume of the entire instrument. Turn this control to the right to increase the total volume, and to the left to decrease the total volume.



NOTE: If you have an Expression Pedal connected, 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 on the left side of the Control Panel.



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 **SKX**'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 Reference Guide for a complete explanation of Hammond Drawbars.



Touch Tabs

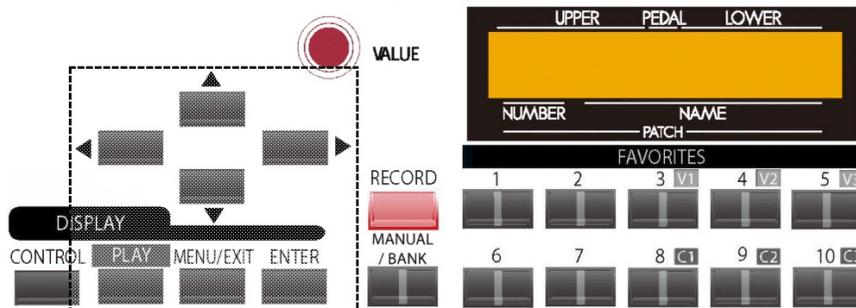
Touch Tabs have red LED's or lights them that will light up indicating "ON".



NOTE: The Touch Tabs in the **EXTRA VOICE** Section **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 **SKX**,
5. Install software upgrades into the operating system,
6. Load new Extra Voices into the Voice Library.

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

Playing the instrument



The **SKX** 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.

NOTE: You may connect a MIDI Pedal clavier to the **SKX** in order to play the instrument as a complete two-manual-and-pedal organ. Although we recommend one of the Hammond pedalboards, any MIDI-compatible pedal clavier may be used; however, some initial setup may be required. Please consult the **MIDI** section of this Reference Guide for more information.

On the **SKX**, 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.

