



# XK-5/A-3

## Quick Start Guide



# Congratulations!

If this is your first Hammond, Welcome to the Hammond Family! If you are already one of us, Welcome Home!

This "Quick Start Guide" for the HAMMOND XK-5 is intended to get you "up and running" as quickly as possible on your new axe. The greatest feature of the XK-5 is its ability to be molded into *your* "dream" Hammond, regardless of genre. Follow this Guide closely and you'll be able to lift your XK-5 out of its box and hit the stage directly with confidence.

Even though you may be well versed in setting up Musical Gear, and perhaps even be a previous Hammond owner, stay with us as we go step by step; so you can devote your attention to playing and not be concerned with learning your way around.

# HERE ARE THE THINGS YOU NEED TO KNOW AND DO TO GET STARTED RIGHT AWAY!

## 1. Basic Hook Up



### A. AC Power

The grounded power cord attaches on the rear of the Organ. Be sure to plug into a GROUNDED AC outlet. It is not recommended to use Power cords from other instruments.

### B. Expression Pedal

The recommended Expression (or SWELL) Pedal for the XK-5 is the Hammond EXP-100F (available from your Hammond Dealer).



You may also use the Hammond EXP-20, EXP-30 (not pictured),



or any number of 3rd-party Expression Pedals.

## 2. "Out-of-the-Box"

"Out-Of-The-Box," the XK-5 is already set to use the EXP-100F, so you can just connect it to the jack marked for it on the rear of the XK-5.



If you're using the EXP-50, EXP-20 or EXP-30, connect it to the "CONTROL 1" Foot Controller jack and set the adjacent Polarity switch to "NORM."



"Out-of-the-Box," the Foot Switch on the left side of the EXP-100F will toggle the speed between "FAST" and "SLOW" of the internal Digital Leslie, or any Leslie Speaker Cabinet you may have hooked up via the 11-pin Connector.

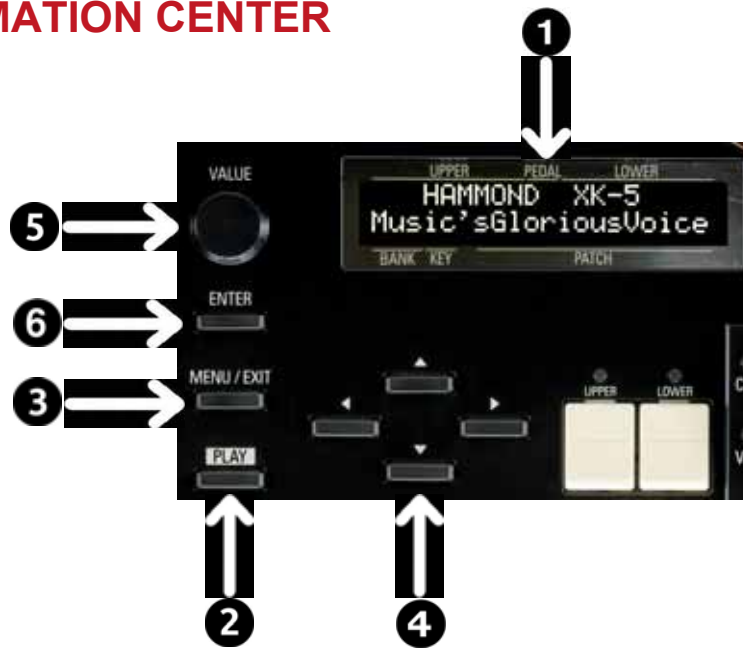
*At various points you will have to enter the EDIT Mode of your XK-5 to make certain adjustments. All the necessary information will appear in the display located on the upper left of the control panel. In this "Quick Start Guide," we will not get into deep "menu diving;" rather, we'll give you rapid prompts to get you going. Just follow the directions as given. You can study the Owner's Playing Guide later to learn all the fine points, but when you see this:*

### **\*MENU\***

*you'll know you're about to go "Under The Hood." After a while, it will be a breeze...*

*Turn the page for more information!*

### 3. INFORMATION CENTER



In order to get the most out of your XK-5, you'll want to master the basic controls that help you navigate through the settings which will transform the XK-5 into your DREAM HAMMOND.

#### 1. INFORMATION DISPLAY:

This is like your Computer Monitor. All your information is going to appear here, and plenty of it. The screen is Organic L.E.D.-type (or OLED) so you'll have no trouble seeing it in any lighting condition, indoors or out. You'll never need to adjust it - you'll see it clearly from any angle.

#### 2. PLAY Touch Button:

The PLAY Touch Button is like a "Take me back home" button. Let's say you press the wrong button and see unfamiliar stuff in the Display, or find yourself in the middle of tweaking a parameter, but need to get back to "regular" mode quickly. Pressing the PLAY Touch Button escapes the display from wherever you may have brought yourself in the editing mode and puts you right back at "home base." You can also "toggle" the Display to show the Drawbar Registrations as graphic "bars" showing the exact setting of the Drawbars, or you can go "old school" and see the "number value" of the Drawbars. The sound will NOT change with each press—only the display changes.

#### 3. MENU/EXIT Touch Button:

Use this Touch Button to enter MENU mode. This is for when you want to change something, such as the way the Drawbars sound, the way the Percussion sounds, setting the instrument up for MIDI, or anything else "out of the ordinary." Consult the Owner's Playing Guide for a complete explanation of all the MENU EDIT Modes and what you can make the organ do using them.

#### 4. NAVIGATION Touch Buttons

These Touch Buttons allow you to navigate through the display pages, and once you're there, select which parameter you wish to adjust. Up-Down-Left-Right.

#### 5. VALUE Rotary Knob

This is an all-purpose control which allows you to adjust whichever parameter is "current." It is of the "Continuous Turn" variety - there is no "stop." Turn it "clockwise" to increase and "counter-clockwise" to decrease. You'll use this for all the adjustments you don't "press a button" for.

#### 6. ENTER Touch Button

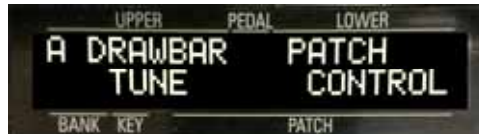
This Touch Button "confirms" the edit or action you just performed. It doesn't "happen" until you press it at the end of each editing session.

## 4. Setting the Expression Pedal

If you're using the HAMMOND EXP-50, EXP-20, EXP-30 or a 3rd-party Expression Pedal:

### \*MENU\* - For setting the Expression Pedal:

1. Touch the MENU/EXIT Touch Button.



2. Touch the PAGE RIGHT Touch Button THREE times. The word "CONTROL" should now blink.
3. Touch the ENTER Touch Button to select the CONTROL Edit Menu.



4. Use the VALUE Rotary Knob to select "EXPRESSION" under CTRL1 MODE.



5. Touch the PAGE UP Touch Button once.



6. Use the VALUE Rotary Knob to select "BOTH" under SOURCE.



7. Touch the PLAY Touch Button to return to PLAY Mode and proceed.



## 5. Using a Pedal to Select the LESLIE™ Speed

Many players like to use a foot switch to control the speed of the LESLIE. It doesn't matter if you're using the onboard Digital Leslie or connected to a Leslie Speaker Cabinet, you can use a foot switch to control the speed.

The recommended foot switch is the HAMMOND FS-9H (available from your Hammond Dealer).



but you may use any good quality foot switch.

Some players use a Piano Damper pedal, which works fine.

Attach the FS-9H (or other pedal) to the "CONTROL 2" jack on the rear of the XK-5 and set the adjacent Polarity switch to "NORM."

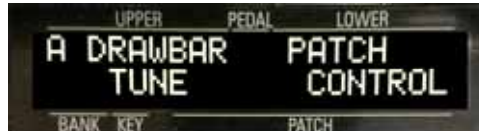


If you're NOT using the FS-9H, you may need to find the proper polarity setting for your chosen foot switch. Just flip the switch.



## \*MENU\* - For setting a Foot Switch to control Leslie Speed:

1. Touch the MENU/EXIT Touch Button ONCE.



2. Touch the PAGE RIGHT Touch Button THREE times. The word "CONTROL" should now blink.
3. Touch the ENTER Touch Button to select the CONTROL Edit Menu.



4. Touch the PAGE RIGHT Touch Button ONCE.



5. Use the VALUE Knob to select "LESLIE S/F ALT" if it is not already displaying.
6. Touch the PLAY Touch Button to return to PLAY Mode and proceed.



Now, every press of the Foot Switch will switch back and forth between "FAST" and "SLOW" Leslie modes.



## 6. Using a CU-1 (“Half-Moon”) switch to control Leslie Speed

The traditional switch for controlling Leslie speed is the “Half-Moon” found on Vintage Hammonds everywhere. This classic accessory (called the “CU-1”) is available for the XK-5 from your Hammond Dealer.



Follow the instructions provided with the CU-1 to mount it to your XK-5. After the switch is securely mounted, connect it to the dedicated “CU-1” jack located in the recessed panel on the underside of the XK-5. No MENU adjustments are necessary.



## 7. Connecting to a Keyboard Amplifier

When not using a Leslie Speaker Cabinet, we recommend, if possible, you use a STEREO configuration to amplify your XK-5. This will give the best response when applying the Digital Leslie. The XK-5/Digital Leslie will sound excellent in mono, as well.

We recommend HAMMOND "ROAD WARRIOR" MATCHED CABLES.



With both the XK-5 and the Amp powered "off," connect the Left and Right Line Output jacks of the XK-5 to an appropriate amplifier. We recommend the LESLIE model L2215 Non-Rotary Keyboard/Instrument Amplifier.



If you will be using the XK-5 in MONO configuration, attach only the Left (Mono) Output jack. Turn the power to both units "ON" and proceed.

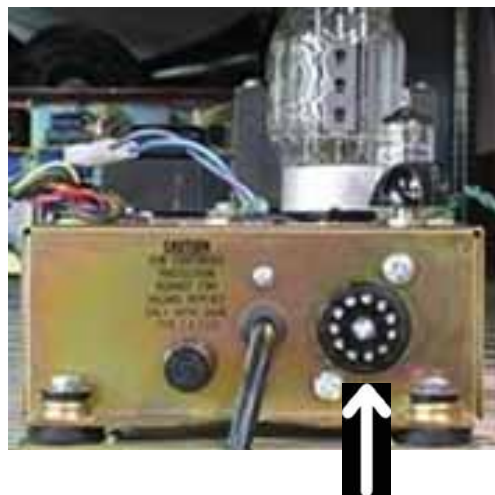
## 8. Connecting to an 11-pin Leslie Speaker Cabinet

When you connect to a Leslie Speaker Cabinet via the 11-pin Socket on the rear of the XK-5, the Digital Leslie circuitry inside is automatically bypassed. The Leslie Controls, including the CU-1 “Half Moon” switch, The Foot Switch mounted on the EXP-100F Expression Pedal, and the Foot Switch (if installed) will all control the Rotor Speed of the Leslie Speaker Cabinet.

With the XK-5 Powered OFF and the accompanying Leslie DISCONNECTED from AC, plug the MALE end of the 11-pin LESLIE cable into the XK-5.



Attach the FEMALE end of the cable to the accompanying Leslie. Re-connect the Leslie power, turn the power to the XK-5 "ON" and proceed.



You can use the XK-5 with a large variety of Vintage Leslie Speaker Cabinets, but you will need the appropriate "Kit" to allow the 11-pin XK-5 to communicate with a Vintage Leslie. Contact your Hammond Dealer.



If you are using an old-style "Leslie Combo Pre-amp" (such as the one shown below) to connect to a vintage Leslie Speaker Cabinet, you can use 1/4" cables.



Attach a cable from the LEFT/MONO jack on the XK-5 to the appropriate input on the Combo Pre-amp. MAKE SURE to turn the BYPASS Touch Button "ON."



This sends a "raw" signal out, bypassing the Internal Digital Leslie Circuitry. This prevents an unpleasant effect where an already effected signal is processed through the Leslie Speaker Cabinet. When you use a Leslie Combo Pre-amp, the Leslie speed controls for the XK-5 (the Touch Tabs and/or CU-1 switch). have no effect on the connected cabinet. You must use the foot switches mounted on the Leslie Combo Pre-amp.

## **NOW THAT YOU'RE ALL HOOKED UP, YOU'RE READY TO START MAKING MUSIC!**

First, let's get "oriented" to the XK-5 with some Basic Hammond Knowledge.

These are the playing controls of a B-3.



These are the playing controls of your XK-5.



From the factory and "Out Of The Box," the XK-5 is set up to play and behave like a BRAND-NEW B-3, with the settings and tolerances as prescribed in the original Blueprints dating back over 50 years. The Sophisticated Digital "Engine" inside replicates the workings of a Vintage Electro-Mechanical Hammond Organ, with "always spinning" Digital Tone-Wheels, a Modeled "Matching Transformer" and a Real-Tube Pre-amp.

Up front, the XK-5's revolutionary Virtual Multi-Contact™ system provides the unique touch and response you can only find on a genuine Hammond. Every stop on the circuit, from key-press to speaker, can be modified and tailored to meet your standards, desires and expectations. The MENU system and degree of available parameters to tweak is great indeed, and we trust you will have as good a time "playing around" with the XK-5 as you will "playing" it.

As this is a "Quick Start Guide," designed to "get you going" quickly, we will not delve into deep editing, rather hitting the most important points giving you the equivalent of a "Perfect B-3" In the days ahead, we hope you will embrace the Owners Guide and "get under the hood."

Most keyboard players have encountered Hammonds over the past 80 years or so, and are familiar with the basic building blocks of the "Hammond Sound." But if you are brand-new to the Hammond family, here is a quick rundown to get you started.

## 1. Drawbars



Some people call them “sliders” some call them “tonebars,” but the array in front of you, the Hammond Harmonic Drawbars™, are the “heart and soul” of the Hammond Organ. They are the tools by which you create your tone.

There are reasons for the numbers and colors, but for now let’s just say there are 2 sets of 9 for the Upper (or “Swell”) Manual, 2 sets of 9 for the Lower (or “Great”) Manual and 2 Drawbars for the Bass (or “Pedal”). Each bar represents a “Harmonic” that goes from a low pitch on the left, to high pitch on the right. Although there are many recognized standard settings, the rule is: move the Drawbars around until it sounds good to you. It is also ok to pull them all out, but it might be a little loud. The other rule is, the fewer Drawbars out, the softer and gentler the sound. With more Drawbars out, and the sound gets denser and more complex. Adjust accordingly.

## 2. Preset Keys



The reverse-color keys to the left are your Preset Keys, similar as the presets you’d find on a synthesizer. They don’t play notes, but call up combinations of Drawbars to give different sounds. The Drawbars won’t move when you call a Patch with the Preset Keys, just as they didn’t on Vintage Hammonds, but the sounds change nonetheless.

“Out Of The Box” the XK-5 Presets match the “Factory” (or “Liturgical”) set as was shipped from 1935 to 1974 on each B-3 leaving the Hammond Factory. If you’re a longtime Hammond Player you will immediately recognize these sounds. The Patches begin on C# and continue to “A.” The Patches go from soft to loud the further you go “up” the Preset Keys. The low “C” is a “Cancel” which renders that particular Manual silent.



There are different sounds for each Manual. Whereas the Vintage Hammond's Preset Keys locked down when you pressed them, the XK-5's do not. Instead, there are indicator LED's at the head of each key. A Red light indicates the current UPPER preset, and a Green light indicates the current LOWER preset. If you see a mix of both colors, that means both UPPER and LOWER preset keys are the same. (*example: Upper "A" and Lower "A" selected simultaneously*). The NAMES of the PATCHES will appear in the display, along with the Bank and Preset Key information. Of course, if you're using the single-manual XK-5, you'll be primarily sticking to the UPPER Manual Patches, but know you can "Split" the Manual to effect playing a *double-manual* instrument (more on that later in this Guide).

### 3. Adjust Preset Keys



The "A#" and "B" Preset keys affect their corresponding set of Drawbars allowing you to create your own sound. The legend printed on the small ledge in front of the Drawbars shows you which set of Drawbars is controlled by which Preset key. Having two separate settings available allows you to make a quick change between sounds. And if you go to one of the other preset keys other than A# or B, when you come back to those Presets, your Drawbar settings will be intact, unless of course, you move them while you are on another Preset. This time when you come back, the new setting will be reflected. Neat Feature!

### 4. Preset Banks



The Vintage Hammonds had only one set of Presets, but the modern Hammond has multiple banks. As we said, the "stock" set is the vintage one, but there is a new and different set of 9 presets under the "C" to "A" Preset Keys for a total of 90 separate Patches.

It's easy to select a Bank.

1. Find the BANK Touch Button immediately to the left of the Manual. Press and hold it-you will see a red light glow over the corresponding Bank's Preset Key.
2. Select the bank you wish (from C to A) and press that key. The Patches from that Bank are now loaded under each Preset Key. (NOTE! Your "A#" and "B" settings stay the same. As many Parameters are saved with each bank, the entire nature of the Organ changes with the selection of each BANK. Looking for different sounds? Go to the BANKS!!)



## 5. PRESET SELECTOR Touch Buttons



When using the XK-5 as a “single manual” instrument, you have only ONE set of Preset Keys. If you wish to split the Manual, how can you select the LOWER presets? Easy! Look to the left of the Manual and find the PRESET SELECTOR Touch Buttons. Touch the UPPER Tab to make the Preset Keys active for the UPPER part, and touch the LOWER button to make them active for the LOWER part. Touch them both and you will register BOTH the Upper and Lower with each press. This is helpful if you are using a 3rd-Party MIDI controller as a second Manual.

## 6. VIBRATO and CHORUS Controls



B-3 Vibrato and Chorus Controls



XK-5 Vibrato & Chorus Controls

One of the hallmarks of the Hammond Organ is its distinctive “Chorus/Vibrato” effect.

“Vibrato” is the small cyclical variance in pitch you hear in Vocalists, Violinists, Guitarists and Horn Players. Vibrato gives movement to the sound and adds richness.

You may be familiar with “Chorus” pedals, popular for Electric Pianos and Guitars, etc.. Although the “Chorus” effect was first found here on Hammond Organs; Hammond’s version of it is quite different than what you might be accustomed to. The effect is unlike anything else in the realm of Musical Instruments. It adds a shimmering layer on top of the original tone.

There are Tabs to turn the effect “On/Off” for each Manual. (The Bass Pedals follow the LOWER assignment, in this case.) There are three depths/intensities available for the Vibrato and Chorus, controlled by the round knob adjacent to the “Chorus /Vibrato.” The VIBRATO settings are marked V-1,V-2,V-3; and the CHORUS C-1,C-2,C-3. The indicator LED’s encircling the knob indicate which setting is current. Selection of Patches may change the setting (the LED’s will change), but not the physical position of the knob. This is normal. If you should adjust the knob, however, the settings will change correspondingly.

## 7. TOUCH-RESPONSE PERCUSSION



B-3 Percussion Controls



XK-5 Percussion Controls

The great innovation of the Mighty B-3, the Hammond Touch-Response Percussion Control™, is that little “Plink” or Attack you hear at the beginning of many B-3 sounds. As welcome in ballads as it is in rhythmic music, Percussion adds character to your sound. The XK-5 is configured as a Vintage B-3, meaning its Percussion is *only* available on the UPPER Manual, and *only* when the “B” Preset Key is selected.

The four tabs that control the Percussion are (L to R):

1. The “ON” switch, which engages the Percussion (*don't forget it only works on the “B” Preset*),
2. The “SOFT” switch, which lessens the volume of the Percussion tones,
3. The “FAST” switch which shortens the Percussion’s decay and
4. The Percussion Harmonic Selector. When the LED is NOT lit, the Percussion sounds an Octave above the note played (*second harmonic*). When you press the tab (LED LIT) the Percussion sounds an octave and a fifth above the note played (*third harmonic*).

There’s more.

As on the Vintage B-3, turning the Percussion on *cancels* the 1’ Drawbar. Why this happens is a bit of arcane Hammond History, but we intend to honor tradition. The great Hammond players made this liability into a benefit, though. Keeping the 1’ Drawbar out when the Percussion is ON, means when you turn the Percussion OFF the 1’ Drawbar voice pops back *in* and adds a sparkling presence to your sound. It’s like having another Preset.

You’ll also notice the other Drawbar voices get *slightly* softer when you engage the Percussion. Another legacy from the original B-3. It does that to sonically “make way” for the Percussion tones.

## 8. LESLIE

The traditional partner of the Hammond Organ is the LESLIE SPEAKER. It's that big wooden box with stuff whirling around in it you've seen onstage at concerts. It looks like this:



The sound it imparts is unforgettable and dramatic. Modern times have given us a Digital Version of it, and it lives right inside your XK-5. You also may have a physical Leslie Speaker Cabinet hooked up to your XK-5.

## Leslie Controls



The switches shown above will control a Leslie Speaker Cabinet in the same manner as the Digital Leslie. (provided such cabinet is connected via the 11-pin cable on the back of the XK-5).

You may also have a CU-1 “Half-moon switch” attached to your organ. Set the CU-1 in the MIDDLE or “Brake” position. Take a look at the switches on the lower left of the manual.

The BYPASS Touch Button removes the Digital Leslie from the signal chain. Let’s make sure that LED is NOT lit. (If you’re using a Leslie Speaker Cabinet attached via the 11-pin Cable, the Digital Leslie circuit is already automatically disengaged.)

The next switch is the STOP Touch Tab. That one *stops* the moving elements (or “Rotors”) from moving. Press that Touch Tab to turn the LED “ON” (*if you’re using a CU-1, the LED for the stop switch may already be “on”*).

The last Switch is the FAST Touch Tab. This one sets the Rotors to spinning at their top speed. Again, make sure the LED is NOT lit.

Select a Preset or use the Adjust Presets and pull some Drawbars. Play a chord. You’re hearing the Organ through the Digital Leslie circuitry, (or through the Leslie Speaker Cabinet) with no movement at all.

Now press the STOP Touch Tab, to turn the LED "OFF." You will begin to hear the sound “Move” slowly. When NONE of the Leslie LED’s are lit, the Leslie (Digital or Physical) will be in “SLOW” (*or “CHORALE”*) mode. Play a bit and check out the sound.

Now, while holding a chord, go ahead and press the FAST Touch Tab. Listen to how the sound “ramps up” to full speed. You’ve now discovered the secret of one of the favorite moves on a Hammond organ: “Holding a Chord and Ramping up a Leslie”! Now, while holding a chord, press the FAST Touch Tab to turn the LED "OFF." Listen how the sound “slows down.”

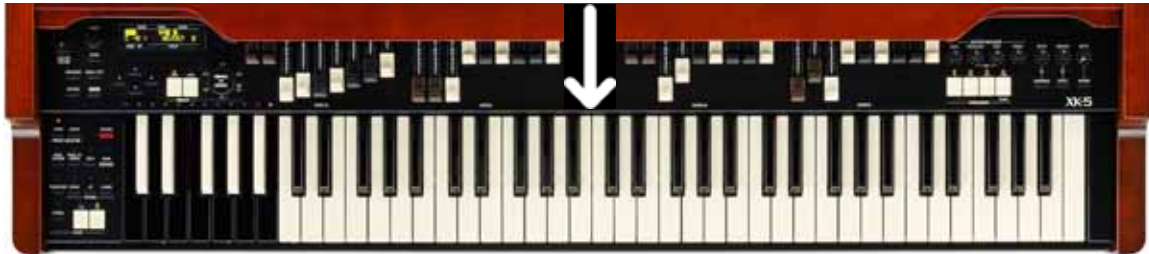
Now press the STOP Touch Tab to hear the motion stop completely.

*(If you have a CU-1 installed, you can do these same moves by using the lever on the CU-1. The LED’s by the buttons will change to reflect your choice of positions on the CU-1).*

There is no hard and fast rule in how to use a Leslie. It’s your call. Usually, when the emotion of a song builds, that’s the time to ramp up the Leslie; as the emotion ebbs, slow it down. Use your own judgment and ear, however. Make it right for yourself!

# NOW THAT YOU'RE ACCLIMATED TO THE SOUNDS AND CONTROLS, LET'S PERSONALIZE YOUR SOUND!

## 1. SPLIT

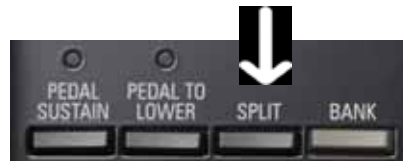


The organ is traditionally played with two hands. Melody or Lead Parts on the Upper Manual, Accompaniment on the Lower Manual. Also, Jazz players often use the Lower Manual to play bass lines. Those arrangements can be effected on a single-manual organ by using the SPLIT mode which assigns the left, lower half (or so) of the single manual to the Lower Manual sounds, while the right, higher part remains with the Upper Manual sounds.

Out-of-the-Box, the Split on the XK-5 occurs at "B2" (two octaves up from the lowest note). *Below* B2 is the "Lower" Manual, *above* it is the "Upper" Manual. (See the point indicated by the arrow above.) There you have a "2-Manual" Organ!

Here's how to make it work:

1. Press the SPLIT button.



2. Now press the LOWER PRESET SELECTOR Touch Button.



3. Select a Preset or select the "A#" or "B" Preset Key and pull the LOWER DRAWBARS of your choice.

4. Now Press the UPPER PRESET SELECTOR Touch Button.



5. Select a Preset or select the "A#" or "B" Preset Key and pull the UPPER DRAWBARS of your choice.

## 2. PEDAL TO LOWER Coupler (or: *MANUAL BASS*)

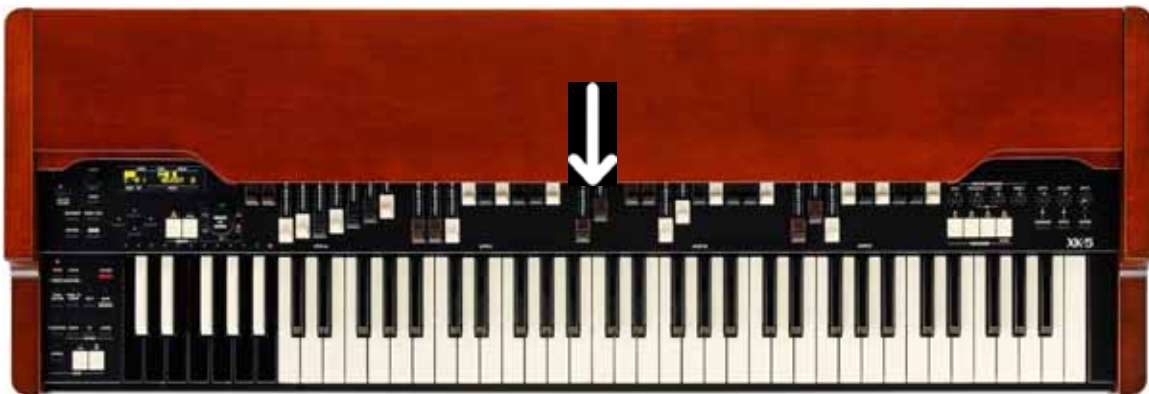
Many players don't "kick" bass pedals, rather they play bass notes with their left hand on the Lower Manual. It's easy to do this on the XK-5.

1. Turn on the SPLIT mode as described on the previous page. This time, however, instead of selecting a Preset or setting the Drawbars using one of the Adjust Presets, After touching the LOWER tab in the Preset Selector Area, choose the "C" preset which silences the Lower Manual.
2. Now touch the PEDAL TO LOWER Touch Button next to the SPLIT Touch Button.



This will bring the PEDAL voices up to be played on the "Lower Manual."

3. Find the two Drawbars "by themselves" in the middle of the Drawbar array.



These are the PEDAL Drawbars. The Left one (or 16') is a deep, rich bass tone. The Right one (or 8') is an octave higher, and more suited for subtle playing. You can mix the two for your own personal blend.

## 3. PEDAL SUSTAIN

Many Players like their organ bass to sound like a Bass Guitar or "Standup" Bass. This, too, is easy to accomplish. After engaging the SPLIT/PEDAL TO LOWER above, touch the PEDAL SUSTAIN Touch Button.



and play away. If you'd like to adjust the Sustain length, you'll have to go "beneath the hood."

*In this "Menu" Episode, you'll discover a very hip feature of Modern Hammond Organs. If you wish to access the Parameters beneath any of the control panel tabs, simply press and hold the chosen tab down for a few seconds, and you will "jump" to the first page of the Parameter Menu of that feature. Release the Tab when you see the display change.*

## \*MENU\* - For adding Pedal Sustain

1. Touch and hold the PEDAL SUSTAIN Touch Button. Doing this will "shortcut" the display into the PEDAL SUSTAIN parameters.



In this screen, use the PAGE LEFT and PAGE RIGHT Touch Buttons to move back and forth among the parameters, which are described below.

“DCY” adjusts the decay of the pedal note *as you hold the key*. Use the VALUE Rotary Knob to select. At “1” The decay is shortest, like a plucked string. As you progress to “5” the decay grows longer. At the last setting “C,” the sound is continuous like a normal organ note, no decay.

“SUS” adjusts the decay after you lift the note. Use the VALUE Rotary Knob to select “1” (Shortest) to “5” (Longest).

“VEL” refers to the fact that the Pedal tones can sound with Velocity when they are being triggered by a MIDI keyboard which can send Velocity data. For more information about this parameter, consult the Owner's Playing Guide.

To return to PLAY Mode, touch the PLAY Touch Button and proceed.



*NOTE! This is a "Patch Parameter." This means the changes here must be saved into a Patch if you wish to use them again, unless you're using it inside one of the Adjust Presets (A# or B).*

*We will cover "Saving" Presets in the next few pages*



## 4. Transposition

Occasionally, players need to “shift” the key in which the Organ is sounding to be something different than the key they are playing in, such as when accompanying a vocalist, soloist or choir.

Here’s how to do it:

1. Touch and Hold the TRANSPOSE Touch Button.



2. While touching and holding the TRANSPOSE Touch Button, use the adjacent UP and DOWN Touch Buttons to shift the sounding range of the organ +/- 6 semitones. For example, to shift the pitch "UP" 6 semitones, touch the UP Touch Button 6 times.



3. Release the TRANSPOSE Touch Button.

When the orange LED above the TRANSPOSE Touch Button is lit, this indicates that the Organ is "TRANSPOSED"

To return the Organ to its Normal Tuning:

1. Touch and hold the TRANSPOSE Touch Button.
2. While keeping the TRANSPOSE Touch Button pressed, touch both the UP and DOWN Touch Buttons together to return the Transpose value to "0."
3. Release the TRANSPOSE Touch Button (LED OFF).

*NOTE! This is a "GLOBAL" parameter, and will affect every preset while it is engaged. These settings can NOT be saved to a Preset.*

## 5. Key Click

The XK-5's "Virtual Multi-Contact™" keying system provides the classic Hammond "Feel." On Vintage Hammonds, the metal-on-metal contacts beneath each key yielded that unique, essential morsel of noise so beloved by all who lay their hands on the King Of Instruments. Each one had their own voice. Here is how to dial in exactly how much of this noble imperfection you desire.

***The Key-click Parameters are "Patch" Parameters, they are unique to each Patch. You will need to select the Patch you wish to adjust the Key-click on. If you are using the Adjust Presets, you will need to select either of the UPPER ones, and pull the Drawbars to your liking. Play as you adjust to arrive at your desired sound.***

***Outside of the Adjust Presets, you will need to SAVE your edited Patch. The procedure for doing so is outlined starting on page 29 of this Guide.***

### \*MENU\* - For adjusting Key Click

1. Touch the DRAWBAR Touch Button to enter the DRAWBAR Edit Menu.



2. Make sure the value under "ENV" is "CON." If it isn't, use the VALUE Rotary Knob to make it so. After it is, proceed.

4. Touch the PAGE RIGHT Touch Button ONCE.

*Play the XK-5 and, using the VALUE Rotary Knob, adjust the "T" Parameter to your taste. When satisfied, proceed.*

6. Touch the PAGE RIGHT Touch Button ONCE

*Play the XK-5 and, using the VALUE Rotary Knob, adjust the "D" Parameter to your taste.*

*Consult the Owner's Playing Guide for more details about this feature.*

*After you are satisfied, you can SAVE your settings into the selected Preset. See page 29 for instructions on how to do this..*

*If you have an Adjust Preset ("A#" or "B") selected, touch the PLAY Touch Button to return to PLAY Mode and proceed.*



## 6. Real Tube Preamp and Overdrive

The XK-5's Tonal Path closely follows that of Vintage Hammonds, but in the Digital realm. This includes the Modeled MATCHING TRANSFORMER. Helping the sophisticated Digital Circuitry are two REAL Vacuum Tubes. The sound of an "overdriven" Hammond Organ is evocative, and there are many "flavors" of Overdrive. The Tubes here are not intended for Ultra-High-Gain Distortion as you might expect, but are here to duplicate the "Warm" sound of Vintage Hammonds. Still, you are able to "push" the tubes for that indescribable "grind" of a Vintage Hammond. For those who want more, our OVERDRIVE circuit lets you dial in the precise amount and style of "Crunch" you desire.

**NOTE: BOTH the Tube and Overdrive Parameters are "Patch" Parameters, they are unique to each Patch. You will need to select the patch you wish to adjust these Parameters on. If you are using the Adjustable Presets, you will need to select either of the UPPER ones, and pull the Drawbars to your liking. You will need to play as you adjust to arrive at your desired sound.**

**Outside of the Adjustable Presets, you will need to SAVE your edited Patch. The procedure for doing so is outlined later in this document**

### \*MENU\* - For adding "Tube Warmth" to the sound

1. Touch and Hold the OVERDRIVE Touch Button until the display jumps to the OVERDRIVE page:



2. Touch the PAGE DOWN Touch Button TWICE. The display should show the following:



3. Touch the PAGE RIGHT Touch Button ONCE. The number underneath "DRIVE" should now blink.

*Using the VALUE Rotary Knob,, adjust the "DRIVE" Parameter to your liking.*

4. There are four configurations available for the two Real Tube plus "BYPASS." To access these, touch the PAGE LEFT Touch Button ONCE.

*Using the VALUE Rotary Knob,, adjust the "ROUTING" Parameter to your liking. You will probably need to revisit the "DRIVE" Parameter to make your final tweaks. Go between the two using the PAGE LEFT and PAGE RIGHT Touch Buttons. When satisfied, SAVE the Patch.*

*If you have an Adjust Preset selected, touch the PLAY Touch Button and proceed.*

## \*MENU\* - For adding "Crunch" to the sound

1. Touch and Hold the OVERDRIVE Touch Button until the display jumps to the OVERDRIVE page:



2. Make sure the value under "OD" is "ON." . If it isn't, use the VALUE Rotary Knob to make it so. After it is, proceed.

3. Touch the PAGE RIGHT Touch Button TWICE. The word underneath "EXP." should now blink.

*There are FOUR different ways to handle how the Overdrive signal is affected by the Expression Pedal:*

*EX-OD: The Overdrive increases/decreases along with the overall Volume*

*OD-EX: The Overdrive remains constant, only the Volume is affected*

*OD ONLY: The Volume remains constant, only the Overdrive is affected.*

*INPUT: The Expression Pedal attenuates the INPUT level Pre-Overdrive. Less volume control*

*Using the VALUE Rotary Knob,, select which type of routing you desire. When you are satisfied, proceed.*

Touch the PAGE RIGHT Touch Button ONCE. The word underneath "TYPE." should now blink.

*There are FOUR choices of OVERDRIVE types:*

*TUBE - Replicates a Tube-Driven Amp.*

*SOLID - Replicates a Solid-State "Stomp Box."*

*CLIP - Accurate Hard Clip.*

*EPAmP - Replicates the Pre-Amp of an Electric Piano.*

*Using the VALUE Rotary Knob,, select which characteristic you desire. When satisfied, proceed.*

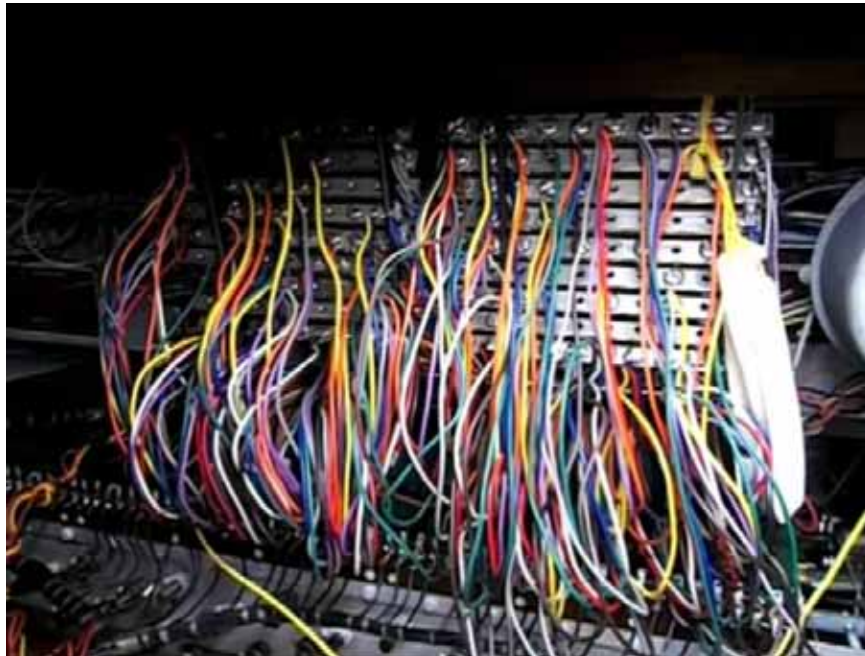
4. Touch the PAGE LEFT Touch Button TWICE.

*Using either the VALUE Rotary Knob or the OVERDRIVE Rotary Knob, set the Value under the DRV Parameter to your desired level. You will probably need to revisit the "EXP" and "TYPE" Parameters to make your final tweaks. Go between them using the RIGHT and PAGE LEFT Touch Buttons. When satisfied, SAVE the Patch.*

*If you have an Adjust Preset ("A#" or "B") selected, touch the PLAY Touch Button and proceed.*

## 7. Creating and Saving Your Own Presets

On a vintage Hammond Organ such as a B-3, changing a Preset from the factory setting to one to your liking was a bit of a production. You had to open up the back of the organ to reveal the Preset Setter Board, which looked like this:



Then you had to use a screwdriver to loosen and re-tighten the colored wires, one for each Drawbar and 9 sets of wires for each Preset. Changing just one Preset could take as much as 20 to 30 minutes - or more!

On the XK-5, changing Presets is a "snap" - it can be done in a few seconds. You actually have a number of different ways to access and store your Presets. As this is a "Quick Start Guide," we will illustrate the simplest way to save a Preset within the BANK you are in. Saving the Preset will "write over" the factory Preset in favor of your new settings; however, you can recall the original setting at a later date should you choose to.

## To create and save your own Presets, do the following:

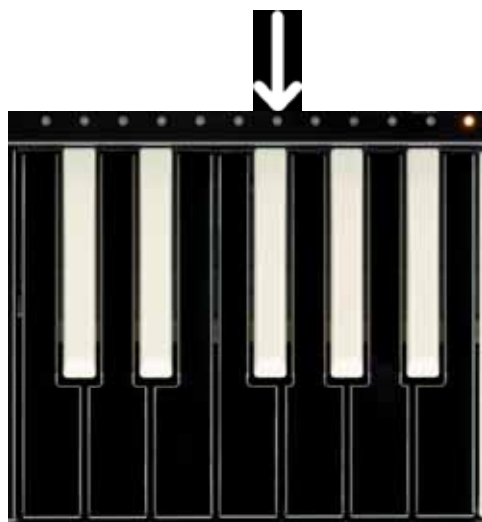
1. Decide whether you want to change an Upper Manual or Lower Manual Preset.

*NOTE! If you have the single-manual XK-5, use the UPPER or LOWER PRESET SELECTOR Touch Tabs to select Upper or Lower Presets.*

2. Make whatever changes you want to the sound. You may use Drawbars, Percussion, Vibrato/Chorus, Leslie, Overdrive, etc.
3. Touch and Hold the red RECORD Touch Button.



4. While touching and holding the red RECORD Touch Button, press the desired Preset Key. You may reprogram any of the Presets from "C#" through "A." The LED above the Preset Key will blink "ON" and "OFF" approximately 8 times.



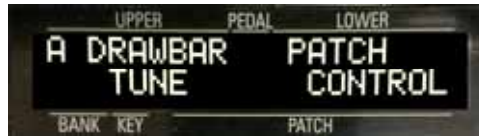
*The example shown above shows the "F#" Preset Key.*

5. When the Preset LED stops flashing and glows continuously, your new Preset has been saved.

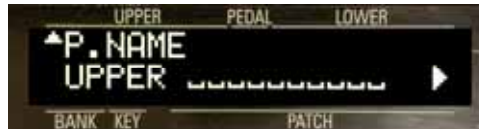
*It's always wise to give a unique Name to a Preset you have created. To see how to do this, turn to the next page.*

## 8. Naming your Preset

1. Touch the MENU/EXIT Touch Button ONCE.



2. Touch the PAGE RIGHT Touch Button TWICE. The word "PATCH" should now blink.
3. Touch the ENTER Touch Button



*You arrive at the UPPER Patch Name area.*

Use the PAGE LEFT and PAGE RIGHT Touch Buttons to move the cursor to the character to be edited.

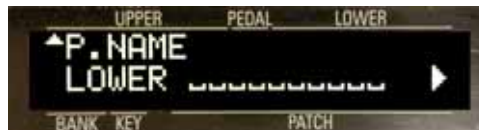
Turn the VALUE Rotary Control to the **right** to scroll **forward** through the characters.

Turn the VALUE Rotary Control to the **left** to scroll **backward** through the characters.

The available characters include: Punctuation Marks (space - . ' &), Numeric Characters (0 ~ 9), Upper-case Letters ("A ~ Z"), and Lower-case Letters ("a ~ z").

*If you need to re-name a LOWER Preset:*

*After Step 3 above, Touch the PAGE UP Touch Button ONCE to arrive at the LOWER Patch name area*



*In either case, when you are done editing the name to your desire:*

4. Touch and Hold the red RECORD Touch Button.



5. While touching and holding the red RECORD Touch Button, press the desired Preset Key. The LED above the Preset Key will blink "ON" and "OFF" approximately 8 times.

6. When the Preset LED stops flashing and glows continuously, your Preset has been updated with your new Name.



## 9. REVERB



The Reverb (controls in the upper right portion of the control panel) is set Out-of-the-Box” to a general Reverb “flavor.” Just touch the REVERB Touch Button and dial in as much as you need.

Consult the Owner's Playing Guide to learn further Reverb tailoring tips.

## 10. EQUALIZER



The Equalizer has “shelf” Lows and Highs, with a “Sweepable” MID setting. This Equalizer is a GLOBAL effect, and is not affected by Preset changes – the equalization always remains at the settings indicated by the Rotary Knobs. Use this Equalizer in the event your stage/venue has any pronounced tonal anomalies like “Too Much Bass”, etc.. The center detent is “Flat.”

Consult the Owner's Playing Guide for more details about the Equalizer.

## **ADDENDUM: GETTING THAT “RIGHT” SOUND**

The HAMMOND XK-5 leads a “double life.” You can turn it on, adjust the Drawbars, Chorus, and Percussion just like a Vintage B-3, and you’re on your way.

### **OR**

You can go “under the hood” and fine tune nearly every aspect of the instrument to create the Hammond Of Your Dreams. The Menus are deep, and the possibilities are endless.

So far in this “Quick Start Guide,” we have helped you tweak the things that many in the Hammond Family have found to be of immediate importance. In the interest of getting you started “right away” we have not delved into the “why’s” and “wherefores” concerning the edits you made - we were just concerned with “getting you there.” If you’re going to sculpt your “personal” instrument, you should set a bit of time aside to learn more about the XK-5. We have included a comprehensive Owner's Playing Guide which covers every parameter and control. Start on Page One, and don’t skip a thing. Try every control and learn what it does. (It’s actually easier than it sounds). You’ll be an expert in no time.

But if you can’t wait...

Here are a few tweaks, twiddles and tips that you can do right now to get some very popular sounds.

**STOP! You are about to perform some “Major Surgery” on your XK-5. Change ONLY the Parameters indicated here. As you learn more, twiddle more, but for now only change the Menu parameters we indicate. (It’s always OK to change the Drawbars and everything else on the top panel.)**

**IMPORTANT! MAKE SURE YOU HAVE EITHER THE UPPER “A#” OR “B” ADJUST PRESET SELECTED!**

## **“GOSPEL”**

### **MENU:**

#### **Custom Tone Wheel:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. *TONEWHEEL FLASHING*-Touch the [ENTER] Touch Button
4. Using the VALUE Rotary Knob, select “B-3”
5. Touch the PAGE UP Touch Button ONCE
6. Using the VALUE Rotary Knob, select “U2:Rumbless”
7. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom Contact:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button ONCE
4. *CONTACT FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U1:B-3 #A27563”
6. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom LESLIE Cabinet**

*\*Omit this step if using a physical Leslie Speaker Cabinet*

1. Press and hold any of the LESLIE Touch Tabs until the display jumps to the LESLIE Edit Menu.
2. Using the VALUE Rotary Knob, select [U5:147 Wild]
3. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom Pedal Registration**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button THREE times
4. *PED. REG FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U1:B-3 #A27563”
6. Touch the PLAY Touch Button to return to PLAY Mode.

*Register the Organ as follows*

**Upper A#:**80 8808 008

**Upper B:**08 8865 500

**Lower A#:**00 8400 000

**Lower B:**00 8802 012

**Pedal:** 80

**Chorus:** N/A

**Percussion:**N/A

**Overdrive:**N/A

Set the LESLIE to FAST Speed

**“CLEAN”**

**MENU:**

**Custom Tone Wheel:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. *TONEWHEEL FLASHING*-Touch the [ENTER] Touch Button
4. Using the VALUE Rotary Knob, select “Mellow”
5. Touch the PAGE UP Touch Button ONCE
6. Using the VALUE Rotary Knob, select “U1:Full Flats”
7. Touch the PLAY Touch Button to return to PLAY Mode.

**Custom Contact:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button ONCE
4. *CONTACT FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U2:Regular”
6. Touch the PLAY Touch Button to return to PLAY Mode.

**Custom LESLIE Cabinet**

*\*Omit this step if using a physical Leslie Speaker Cabinet*

1. Press and hold any of the LESLIE Touch Tabs until the display jumps to the LESLIE Edit Menu.
2. Using the VALUE Rotary Knob, select [U1: 122 Gentle]
3. Touch the PLAY Touch Button to return to PLAY Mode.

**Custom Pedal Registration**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button THREE times
4. *PED. REG FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U1:B-3 #A27563”
6. Touch the PLAY Touch Button to return to PLAY Mode.

*Register the Organ as follows*

**Upper A#:**80 8808 000

**Upper B:**80 0000 008

**Lower A#:**00 8600 000

**Lower B:**00 6654 300

**Pedal:** 73

**Chorus:** N/A

**Percussion:**N/A

**Overdrive:**N/A

Set the LESLIE to FAST Speed

## **“JAZZ”**

### **MENU:**

#### **Custom Tone Wheel:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. *TONEWHEEL FLASHING*-Touch the [ENTER] Touch Button
4. Using the VALUE Rotary Knob, select “B-3”
5. Touch the PAGE UP Touch Button ONCE
6. Using the VALUE Rotary Knob, select “U1:B-3 Normal”
7. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom Contact:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button ONCE
4. *CONTACT FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U2:Regular”
6. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom LESLIE Cabinet**

*\*Omit this step if using a physical Leslie Speaker Cabinet*

1. Press and hold any of the LESLIE Touch Tabs until the display jumps to the LESLIE Edit Menu.
2. Using the VALUE Rotary Knob, select [U1: 122 Gentle]
3. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom Pedal Registration**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button THREE times
4. *PED. REG FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U1:B-3 #A27563”
6. Touch the PLAY Touch Button to return to PLAY Mode.

*Register the Organ as follows*

**Upper A#:**88 8888 888

**Upper B:**88 8000 001

**Lower A#:**00 8800 000

**Lower B:**83 8000 000

**Pedal:** 50

#### **Chorus:**

1. Touch [Vibrato Upper] Button
2. Set [Chorus and Vibrato] knob so “C-3” LED is ON

#### **Percussion:**

1. Touch ALL FOUR Percussion buttons

**Overdrive:**N/A

Select LESLIE speeds Ad Lib.

## **“ROCK”**

### **MENU:**

#### **Custom Tone Wheel:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. *TONEWHEEL FLASHING*-Touch the [ENTER] Touch Button
4. Using the VALUE Rotary Knob, select “B-3”
5. Touch the PAGE UP Touch Button ONCE
6. Using the VALUE Rotary Knob, select “U3:Mixture”
7. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom Contact:**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button ONCE
4. *CONTACT FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U1 B-3 #A27653”
6. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom LESLIE Cabinet:**

*\*Omit this step if using a physical Leslie Speaker Cabinet*

1. Press and hold any of the LESLIE Touch Tabs until the display jumps to the LESLIE Edit Menu.
2. Using the VALUE Rotary Knob,, select [U2:122 Wild]
3. Touch the PLAY Touch Button to return to PLAY Mode.

#### **Custom Pedal Registration**

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button THREE times
4. *PED. REG FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select “U1:B-3 #A27563”
6. Touch the PLAY Touch Button to return to PLAY Mode.

*Register the Organ as follows*

**Upper A#:**88 8800 000

**Upper B:**88 0800 000

**Lower A#:**00 8800 000

**Lower B:**88 8888 888

**Pedal:** 80

#### **Chorus:**

1. Touch [Vibrato Upper] Button
2. Set [Chorus and Vibrato] knob so “C-2” LED is ON

#### **Percussion:**

1. Touch Percussion [ON] Button
2. Touch Percussion [Soft] Button
3. Touch Percussion [Fast] Button

#### **Overdrive:**

1. Touch [Overdrive] Button
2. Using [Overdrive Depth] knob-set value to “80”

Select LESLIE speeds Ad Lib.

# FEELING CONFIDENT?

This set is a bit more complex. Take your time and you'll "Go back in time!"

## "OLD SCHOOL"

### MENU:

#### Custom ToneWheel:

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. *TONEWHEEL FLASHING*-Touch the [ENTER] Touch Button
4. Using the VALUE Rotary Knob, select "C-3"
5. Touch the PAGE UP Touch Button ONCE
6. Using the VALUE Rotary Knob, select "U3:Mixture"
7. Touch the PLAY Touch Button to return to PLAY Mode.

#### Key-Click and Leakage

1. Touch the MENU/EXIT Touch Button
2. Touch the [ENTER] Touch Button
3. Touch the PAGE RIGHT Touch Button TWICE
4. Using the [VALUE] Rotary Knob select "52"
5. Touch the PAGE RIGHT Touch Button ONCE
6. Using the [VALUE] Rotary Knob select "28"
7. Touch the PAGE RIGHT Touch Button THREE times
8. Using the [VALUE] Rotary Knob select "127"

#### Custom Contact:

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button ONCE
4. *CONTACT FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select "U1 B-3 #A27653"
6. Touch the PLAY Touch Button to return to PLAY Mode.

#### Custom LESLIE Cabinet

*\*Omit this step if you are using a physical Leslie Speaker Cabinet*

1. Press and hold any of the LESLIE Touch Tabs until the display jumps to the LESLIE Edit Menu.
2. Using the VALUE Rotary Knob, select [U5: 147 Wild]
3. Touch the PLAY Touch Button to return to PLAY Mode.

#### Custom Pedal Registration

1. Touch the MENU/EXIT Touch Button
2. Touch the PAGE UP Touch Button ONCE
3. Touch the PAGE RIGHT Touch Button THREE times
4. *PED. REG FLASHING*-Touch the [ENTER] Touch Button
5. Using the VALUE Rotary Knob, select "U1:B-3 #A27563"
6. Touch the PLAY Touch Button to return to PLAY Mode.

*Register the Organ as follows*

**Upper A#:**88 8888 888

**Upper B:**88 8000 000

**Lower A#:**00 8800 000

**Lower B:**88 8888 888

**Pedal:** 80



**Chorus:**

1. Touch and Hold [Vibrato Upper] Button until Display jumps to “Chorus/Vibrato” Menu
2. Using the VALUE Rotary Knob, select “55-57”
3. Touch the PAGE UP Touch Button ONCE
4. Using the VALUE Rotary Knob, select “D21”
5. Touch [PLAY]

**Percussion:**

Touch ALL FOUR Percussion buttons “on”

**Overdrive:**

1. Touch and hold the [Overdrive] Button until Display jumps to “Overdrive” Menu. LED for Overdrive should be Lit
2. Touch the PAGE RIGHT Touch Button ONCE
3. Using VALUE Rotary Knob-set value to “0”  
*(NOTE: The “0” value is correct. In this instance, we wish the signal to pass through the “Tube” model of the Overdrive to add warmth without increasing the gain to induce distortion)*
4. Touch the PAGE RIGHT Touch Button ONCE
5. Using VALUE Rotary Knob-set value to “EX-OD”
6. Touch the PAGE RIGHT Touch Button ONCE
7. Using VALUE Rotary Knob-set value to “TUBE”
8. Touch the [DOWN] Arrow TWICE
9. Using VALUE Rotary Knob-set value to “U7 to U7”
10. Touch the PAGE RIGHT Touch Button ONCE
11. Using the VALUE Rotary Knob-set value to “115”

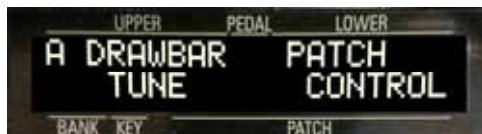
Select LESLIE speeds Ad Lib.

## SPECIAL SECTION:

### 1. Using the XK-5 with the XLK-3 Lower Manual

If you have a Hammond XK-SYSTEM and you want to use an XK-5 in place of the XK-3c Drawbar Keyboard, you can do so. The XLK-3 Lower Manual will work in conjunction with the XK-5. However, there are two things you should know:

1. The XLK-3 is a single-contact manual. Therefore, all the Drawbar tones will sound simultaneously - you won't hear the individual harmonics play one after the other. For this effect, you will need the XLK-5 Lower Manual designed for use with the XK-5.
2. There is also a small set-up procedure to allow the XLK-3 to work correctly with the XK-5. Do the following:
  - A. Touch the MENU/EXIT Touch Button once.



- B. Touch the PAGE UP Touch Button THREE Times.



- C. Touch the PAGE RIGHT Touch Button THREE Times. The word "MIDI should now blink.
- D. Touch the ENTER Touch Button to select the MIDI Edit Menu.
- E. Use the VALUE Rotary Knob to select "2or3 KBD"



- F. Touch the ENTER Touch Button to select the MIDI Template.
- G. After you have made your selection, Touch the PLAY Touch Button to return to PLAY Mode.



Doing the above will affect the performance of the XK-5 in three ways:

1. The SPLIT feature is disabled. The Lower Manual Drawbars will play from the XLK-3.
2. The PEDAL TO LOWER function will work on the XLK-3.
3. The Preset Keys on the XLK-3 will recall the Lower Manual Presets (including Pedal registrations) independently of the Upper Manual Presets.

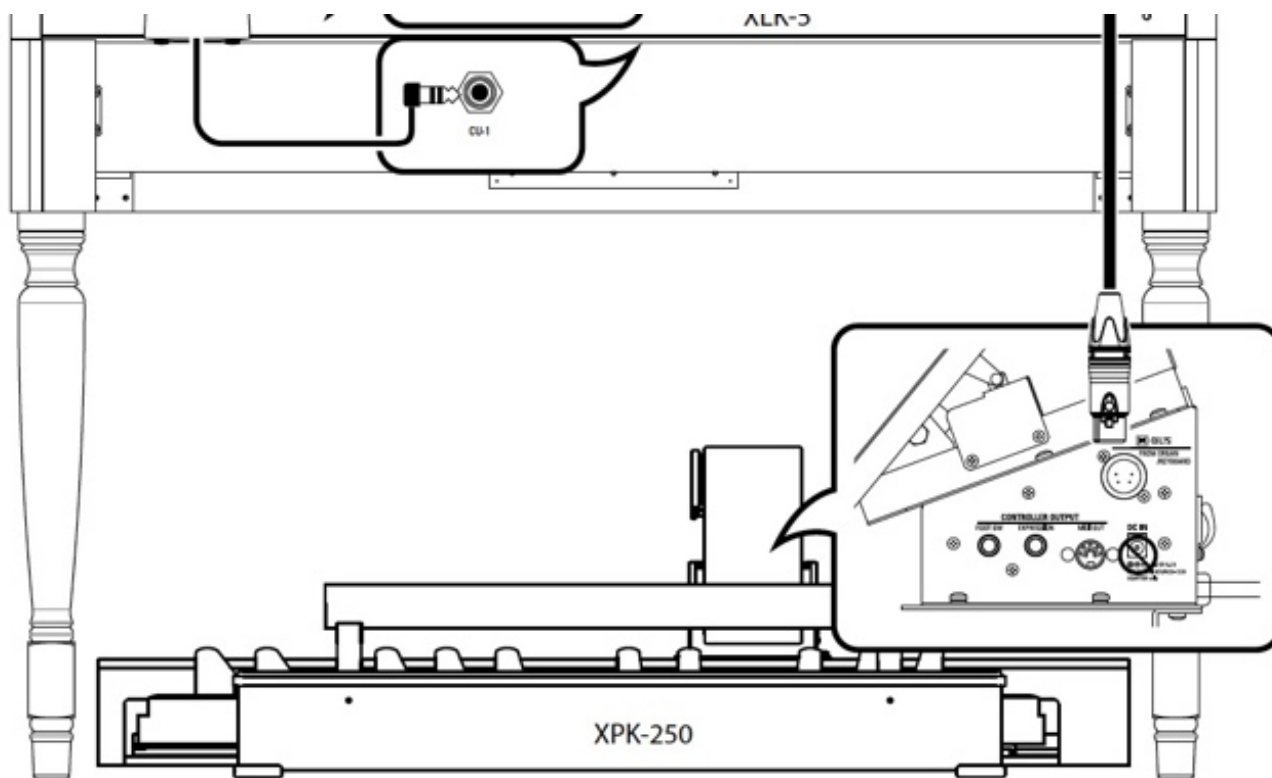
*NOTE: If you use the XK-5 with an XLK-3 Lower Manual, be advised that the Wood Grains may not match completely - the Walnut finish on the XLK-3 may be a little lighter than the dark walnut finish of the XK-5.*

## 2. Connecting the XPK-250 Pedal Clavier using the H-BUS

If you are using the XPK-250 25-note Pedal Clavier with the attached EXP-250 Expression Pedal, place it underneath your XK-5 in the most comfortable playing position for yourself.

Connect the XPK-250 to the MIDI IN1 (PEDAL) jack (on either the XK-5 or the XLK-5 Lower Manual unit) using the “H-Bus” connectors and cables. No Menu Adjustment is required.

**DO NOT ATTEMPT TO** CONNECT ANY OTHER DEVICE TO THE “H-BUS” JACK! SIGNIFICANT DAMAGE TO YOUR INSTRUMENT COULD OCCUR.

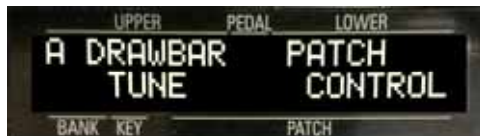


## 3. Connecting other MIDI Pedal Claviers

1. Place the Pedal Clavier underneath your XK-5 in the most comfortable playing position for yourself. Attach any needed Power Supply, as per manufacturers' specifications.
2. Make sure your Pedal Clavier is transmitting on MIDI CHANNEL 3. You may need to consult the Owner's Guide for your particular unit.
3. Connect the MIDI OUT jack of your Pedal Clavier to the MIDI IN1 (PEDAL) jack on the rear of the XK-5 .
4. If you are using a Hammond Pedal Clavier with an attached Expression Pedal, follow the directions for connecting your particular Expression Pedal. These are found on Page 2 (EXP-100F) and Page 4 (EXP-50).

## \*MENU\* - For connecting other Pedal Claviers to the XK-5

1. Touch the MENU/EXIT Touch Button once.



2. Touch the PAGE UP Touch Button THREE Times



3. Touch the PAGE RIGHT Touch Button THREE Times. The word "MIDI" should now blink.

4. Touch the ENTER Touch Button to select the MIDI Edit Menu.

*If you are using Pedals with the XK-5 as a single-manual Instrument,*

Use the VALUE Rotary Knob to select "BASIC"



*If you are using the XK-5 with expanded keyboards:*

Use the VALUE Rotary Knob to select "2or3 KBD"



6. Touch the ENTER Touch Button to select the MIDI Template.

7. After you have made your selection, Touch the PLAY Touch Button to return to PLAY Mode and proceed.





This "Quick Start Guide" barely scratches the surface of the many features of your new Hammond XK-5.

Please consult the Owner's Playing Guide to learn more, or you can see videos that show many of the deep programming procedures in easy-to-learn steps at [www.hammondorganco.com](http://www.hammondorganco.com).

For additional help: [info@hammondorganco.com](mailto:info@hammondorganco.com)

For 81 years, Hammond has been  
The Sound, The Soul, The One!

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THE SOUND THE SOUL THE ONE

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