

HAMMOND

XPK-100

MIDI PEDALBOARD

Quick Features Guide

HAMMOND SUZUKI, LTD.
Hamamatsu, Japan

IMPORTANT - READ THIS FIRST

Your Hammond XPK-100 MIDI Pedalboard is designed to interface with a great variety of keyboards, synthesizers and sound modules to further enhance your playing and real-time performance. This Guide is designed to explain the operating features of your Hammond XPK-100 as simply and graphically as possible.

Because we want to make this manual, as well as the XPK-100 itself, as easy to understand as possible, each feature is treated as an explanation unto itself, and does not require you to already have prior working knowledge of some other feature. The explanations are presented such that, if you follow the steps outlined, the message you see in the Information Center Display screen will be identical to that shown in the manual at that stage of the explanation.

Do not be daunted by the number of steps required to perform each operation. Each step is simple. Simply bear these things in mind:

1. Read each step carefully.
2. Don't skip any of the steps.
3. Don't perform the steps out of sequence.

With these guidelines, you are well on your way to mastering all of the many features of your Hammond XPK-100.

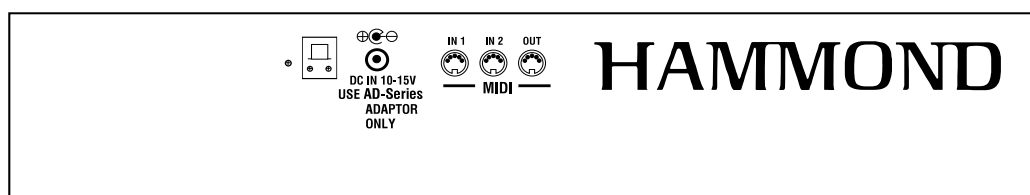
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INTRODUCTION

Basic Hook-Up

All connections are found on the Accessory Panel on the back of the XPK-100.



◆ A.C. Power

To connect the XPK-100 to A.C. power:

1. Locate the A.C. Power Supply that came with your XPK-100.
2. Plug the female end of the Power Cord into the receptacle on the XPK-100 marked, "DC IN."
3. Plug the other end of the Power Supply into an A.C. power outlet.

Since the XPK-100 has no Power Switch, A.C. power will be applied as soon as the unit is connected to an outlet.

NOTE: The XPK-100 is also outfitted with a clip next to the AC receptacle. This is used to secure the AC cord so that it will not accidentally come unplugged.

◆ MIDI Connections

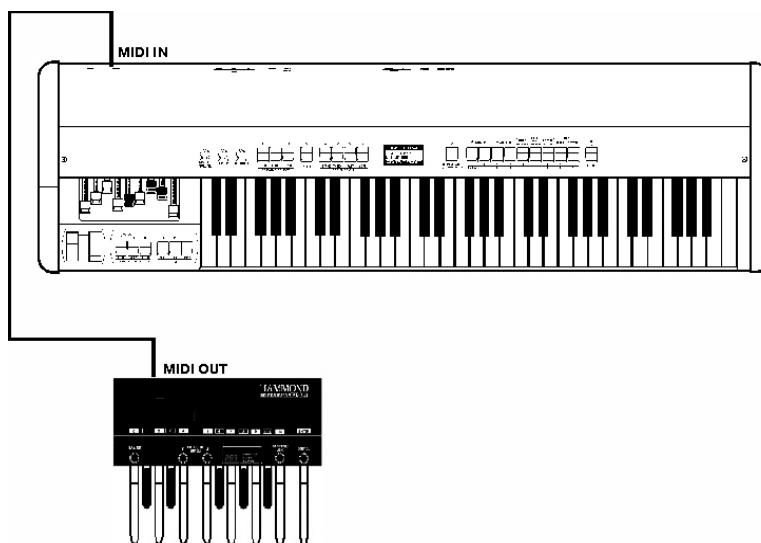
In order to use the XPK-100, the unit must be connected via MIDI to a keyboard or other MIDI-compatible device.

A Word About MIDI

The letters MIDI stand for Musical Instrument Digital Interface. MIDI is an international standard for allowing electronic musical instruments equipped with MIDI capability to exchange performance information. For example, a synthesizer can be used to communicate with a drum machine, an electronic piano can interface with a computer, and so forth. Additionally, since MIDI is an international standard recognized and implemented by all musical instrument manufacturers worldwide, instruments made by different manufacturers can communicate with each other via MIDI.

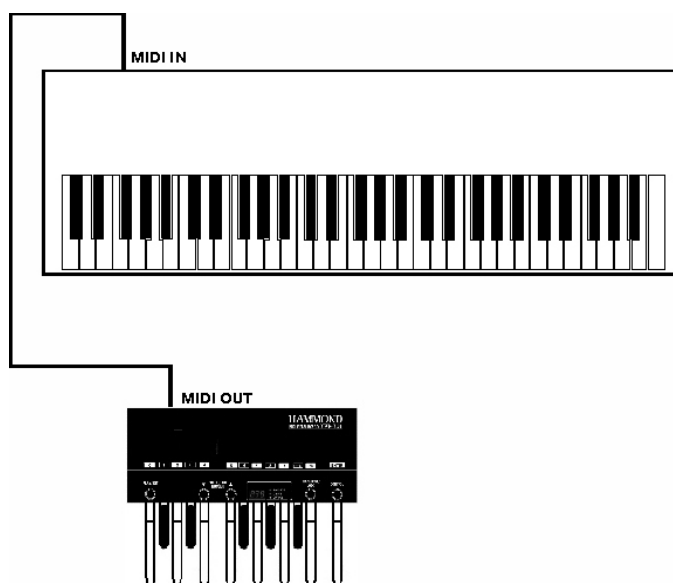
Connecting the XPK-100 to a Hammond Drawbar Keyboard

The XPK-100 is designed to interface directly with any current single-manual Hammond Drawbar Keyboard. Simply connect the MIDI OUT of the XPK-100 into the MIDI IN of the Hammond Drawbar Keyboard.



Connecting the XPK-100 to another keyboard instrument

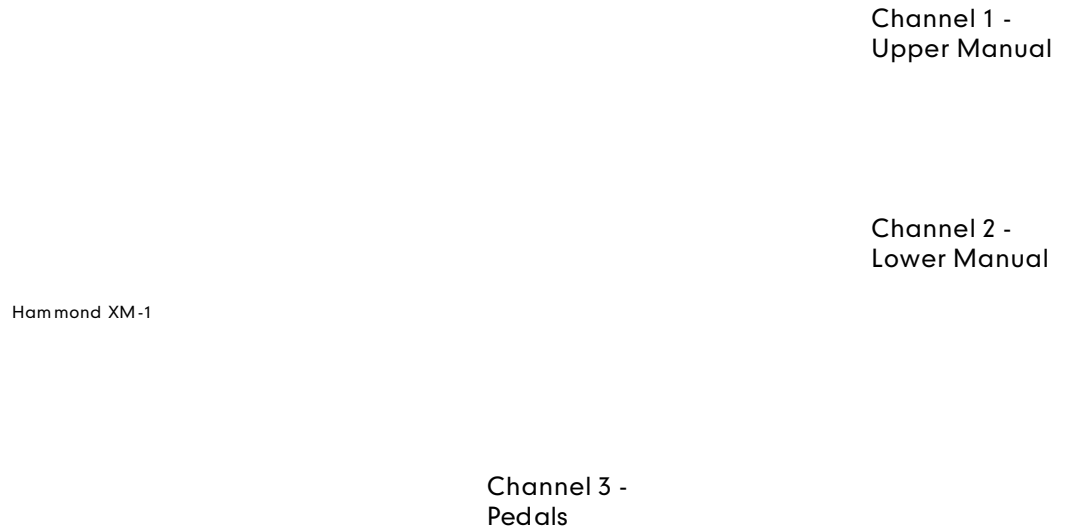
The XPK-100 can also interface with other keyboard instruments - simply connect the MIDI OUT of the XPK-100 into the MIDI IN of the other keyboard.



NOTE: Since there are a wide variety of MIDI-compatible keyboard instruments available, please consult the documentation that came with your instrument to insure maximum compatibility. You may need to set certain parameters such as MIDI Channel, etc., before the XPK-100 will function with your particular instrument.

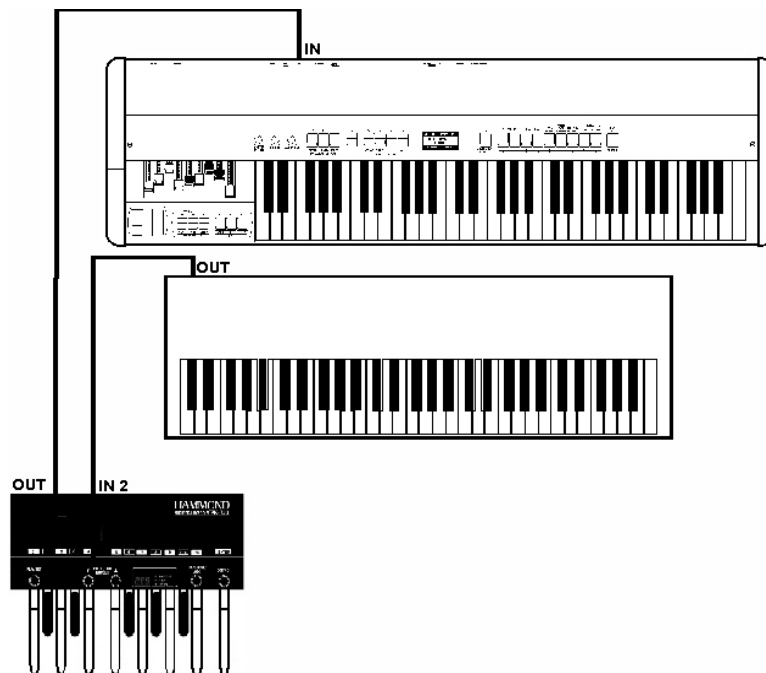
MIDI Merge - Connecting the XPK-100 to the Hammond XM-1 Drawbar Module

Your XPK-100 is equipped with MIDI Merge technology, thereby making it easier to connect multiple keyboards to it in order to play “organ style”: i.e., two manuals and pedals. Below is an example of how to connect multiple keyboards and the XPK-100 together with the Hammond XM-1 Drawbar Module to create a “virtual B-3”:



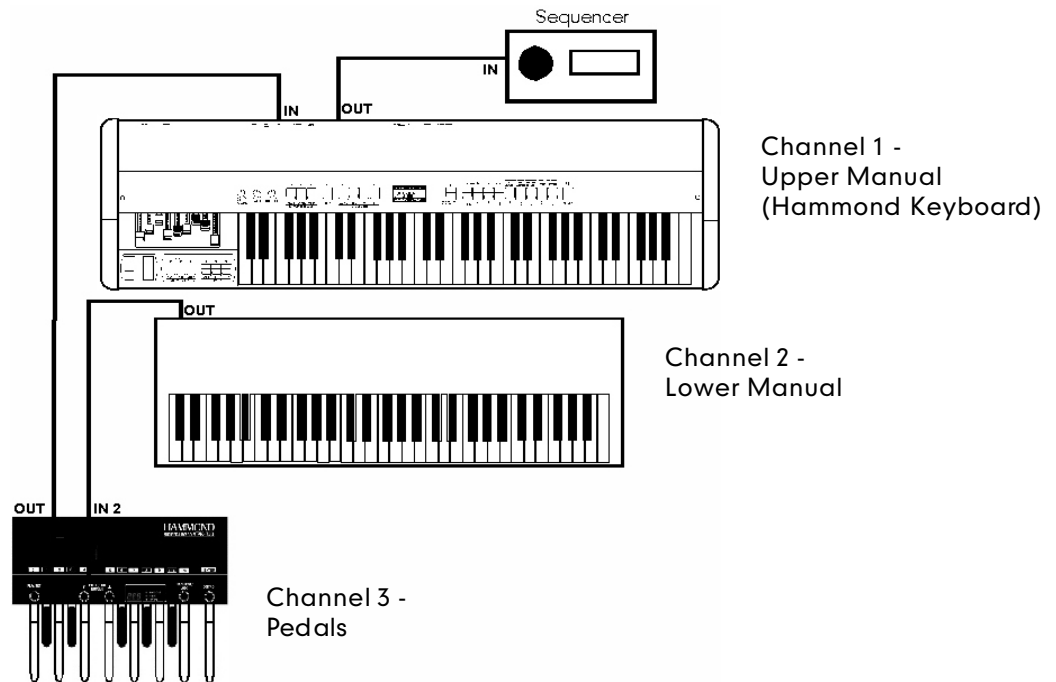
Connecting the XPK-100 to a Hammond Drawbar Keyboard and another keyboard instrument

The bottom diagram shows how your XPK-100 can be connected to two keyboards, one of them being a Hammond Drawbar Keyboard.



Using a Sequencer with the XPK-100 and MIDI Keyboards

The bottom diagram shows you how to connect a Sequencer to two manuals and the XPK-100:

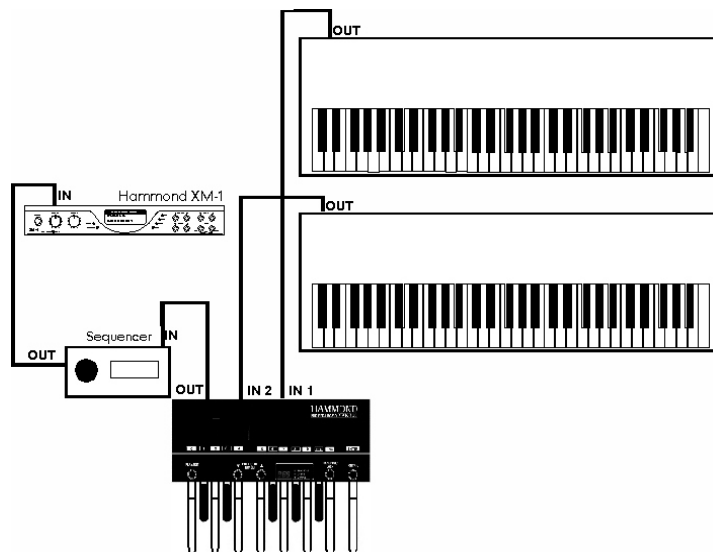


Use the above settings for recording your Sequence. Also, be sure to enable your Hammond Drawbar Keyboard's MIDI SOFT THRU function so that all the parts can be recorded. When you are ready to play back your Sequence, be sure to:

1. Turn MIDI SOFT THRU "OFF" on your Hammond Drawbar Keyboard.
2. Disconnect the MIDI cable going out from your Hammond Drawbar Keyboard into your Sequencer.
3. Connect the MIDI OUT from your Sequencer into the MIDI IN 1 of your XPK-100.

Using a Sequencer with the XPK-100 and the Hammond XM-1

The diagram below shows how to connect a Sequencer to a set of MIDI instruments including the Hammond XM-1. No reconnecting of cables is necessary between the Record and Play operations.



◆ Basic Controls

The basic controls on your Hammond XPK-100 include the Switches and an Information Center Display.

◆ Switches

Switches are the large buttons on either side of the Information Center Display. The basic functions of these Switches are:

1. Turning something "ON" or "OFF."
2. Modification of parameters - increasing or decreasing.
3. Selecting among multiple functions.
4. Confirmation - YES, NO or OK.

PLAY/EDIT Switch

Your Hammond XPK-100 has two modes - PLAY Mode and EDIT Mode. This Switch allows you to switch between the two modes.

NOTE: More information about Modes is covered in the section, "Information Center Display" starting on page 5.

PLAY/EDIT



PRESET/EDIT NUMBER Switches

These two Switches are located to the left of the Information Center Display. They function in two ways:

PLAY Mode - The two Switches allow you to scroll through and select the Preset number you want.

EDIT Mode - The two Switches allow you to scroll through and select the Advanced Feature you want.

NOTE: More information about Modes & Advanced Features is covered later in this Guide.



TRANSDPOSE/LOCK Switch

This Switch allows you to change the key in which the XPK-100 will sound, as well as to "lock" the control panel so that you will not accidentally change a setting during performance.

NOTE: The LOCK Feature is explained in detail starting on page 32.

TRANSDPOSE/
LOCK

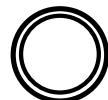


CONTROL Switch

This Switch allows you to add different effects, such as Leslie Slow/Fast, Pedal Sustain, etc., during performance. Its function can be determined via the Advanced Feature Menu.

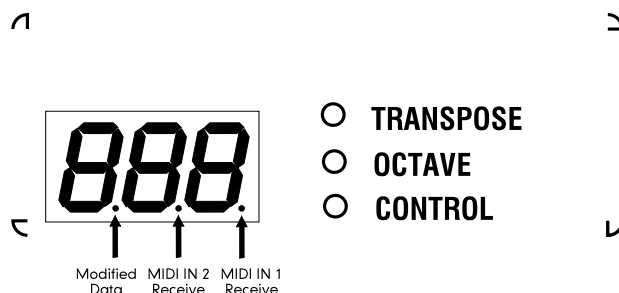
NOTE: The "CONTROL Sw. Function" Advanced Feature is explained in detail starting on page 22.

CONTROL



◆ Information Center Display

The Information Center Display is an LED (Light-Emitting Diode) display located in the center of the front panel.



The Information Center Display has two modes: (1) the PLAY Mode, and (2) the EDIT Mode. The PLAY Mode allows you to see which Preset is selected and is the normal mode used in live performance. The EDIT Mode allows you to change and edit the XPK-100's software parameters such as MIDI Channel, Volume, etc. The PLAY/EDIT Switch allows you to switch between the two modes.

PLAY Mode

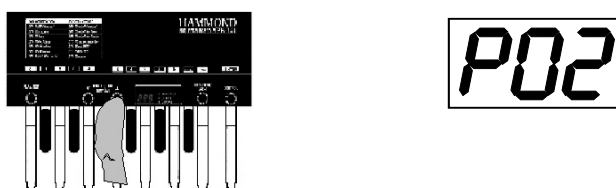
When you first connect the XPK-100 to AC power, the PLAY Mode will display. The Information Center Display should look similar to this:



The designation, "P01" indicates that Preset 1 is active. Presets are predefined combinations of the various parameters on the XPK-100 that can be modified using the Advanced Features. There are 15 Presets in all.

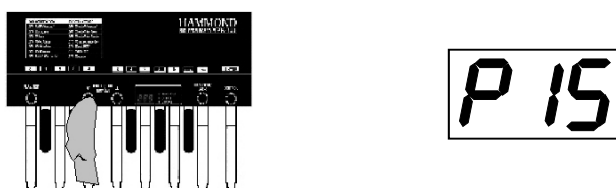
NOTE: The Advanced Features are explained in detail starting on page 8.

From the above screen, touch the PRESET/EDIT "▲" Switch once. The Information Center Display should now show the following:



You have now selected the next Preset, or Preset 2.

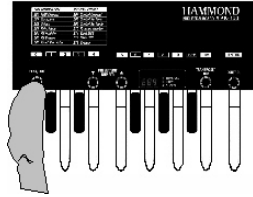
From the above screen, touch the PRESET/EDIT "▼" Switch two times. The Information Center Display should now show the following:



You have now selected Preset 15, or the last Preset. By using the PRESET/EDIT "▲" and "▼" Switches, you can scroll forward as well as backward through the Preset selections until you find the one you want.

EDIT Mode

If you touch the PLAY/EDIT Switch once from any of the PLAY screens, the Information Center Display will alternate between two messages as shown below:



E00

Current Parameter

3

Current Value

You are now in EDIT Mode.

You can now use the PRESET/EDIT Switches to select from among the different Advanced Features.

Use the “▲” Switch to scroll up through the Advanced Feature selections.

Use the “▼” Switch to scroll down through the Advanced Feature selections.

The Advanced Features are explained in full starting on page 8.

◆ ALL RESET

You can insure that the XPK-100 contains the factory-default settings for all parameters before applying power to it.

NOTE: Doing the following procedure will erase all parameters, settings and registrations, returning the XPK-100 to the original Hammond factory default settings. To ensure that important data is saved, save your information to a MIDI Data recorder before doing this procedure.

1. Plug the AC power supply that came with your XPK-100 into an AC outlet.
2. On the XPK-100, Press and Hold the two PRESET/EDIT Switches with two fingers of one hand.
3. While holding down the two PRESET/EDIT Switches, insert the plug from the AC power supply into the jack on the back of the XPK-100 with the other hand. The Information Center Display will flash the following for approximately 1 second:

A In

The above is an abbreviation for, “ALL Initialize.”

When the above message stops displaying, the Information Center Display will show the following:

P01

5. Release the two PRESET/EDIT Switches. All parameters are now reset.

ADVANCED FEATURES

Your Hammond XPK-100 has a number of special functions, called Advanced Features, that allow you to further enhance your playing and create exactly the musical performance you want. A list of the Advanced Features can be affixed to the XPK-100 itself to make them easier to remember.

<i>EDIT NUMBER LIST</i>	<i>P01-P15 PRESET</i>
<i>E00 PK MIDI Channel</i>	<i>E07 Control Channel</i>
<i>E01 Transpose</i>	<i>E08 CONTROL Sw. Func.</i>
<i>E02 Octave</i>	<i>E09 CONTROL Sw. Mode</i>
<i>E03 Poly/Mono Mode</i>	<i>E10 Program Number</i>
<i>E04 PK Hold ON/OFF</i>	<i>E11 Bank No. MSB</i>
<i>E05 PK Volume</i>	<i>E12 Bank No. LSB</i>
<i>E06 Fixed Vel. Value</i>	<i>E13 System</i>

The above picture shows the decal which can be affixed to the XPK-100. Notice that the Advanced Features appear in two groups.

Advanced Features E00 through E06 control the internal MIDI data of the XPK-100.

Advanced Features E07 through E12 are features which send MIDI Controller data out to a connected MIDI device. This data falls into two categories:

1. NPRN (Non-Registered Parameter Data) which activates Touch Tabs on a Hammond Drawbar Keyboard or functions on the Hammond XM-1 Drawbar Module;
2. Universal Controller data to which most MIDI devices will respond in a predictable way, such as Controller #64 for Sustain, etc.

The following is a brief explanation of each of the Advanced Feature functions.

E00 PK MIDI Channel - Allows you to select the MIDI Channel on which the XPK-100 will transmit. (See page 10.)

E01 Transpose - Allows you to raise or lower the pitch by half-steps so as to play in one key but sound in another. (See page 12.)

E02 Octave - Allows you to select the octave in which the XPK-100 will play. (See page 14.)

E03 Poly/Mono Mode - Allows you to select either Polyphonic (two or more notes) or Monophonic (only one note) Mode. (See page 16.)

E04 PK Hold ON/OFF - Allows you to select whether you want the pedal notes to continuously play. (See page 17.)

E05 PK Volume - Allows you to control the maximum volume or loudness of the pedal notes. (See page 18.)

E06 Fixed Vel. Value - Allows you to transmit a fixed Velocity number from 0 through 127 from the XPK-100 to a connected MIDI device. (See page 19.)

E07 Control Channel - Allows you to select the MIDI Channel on which Controller information will be transmitted. (See page 20.)

E08 CONTROL Sw. Function - Allows you to select the function for the CONTROL Switch. (See page 22.)

E09 CONTROL Sw. Mode - Allows you to select how the CONTROL Switch works. (See page 25.)

E10 Program Number - Allows you to transmit a Program Number from the XPK-100 to a connected MIDI device, or select a Program Number for each Preset. (See page 26.)

E11 Bank No. MSB - Allows you to select different Bank numbers for voices. You can select the “MSB” (Most Significant Bit) for each Bank selection. (See page 27.)

E12 Bank No. LSB - Allows you to select different Bank numbers for voices. You can select the “LSB” (Least Significant Bit) for each Bank selection. (See page 29.)

NOTE: Advanced Features E11 and E12 are for the purpose of giving you access to the great number of voices available on modern sound modules. Please refer to the documentation for your module to determine the Bank numbers for specific voices.

E13 System - Allows you to perform certain functions associated with the basic system or setup of the XPK-100, such as All Reset, MIDI Data Dump, etc. (See page 31.)

When you are in EDIT Mode, use the Pedal keys to select the value of the parameter you want to edit. The data chart below shows the value for each Pedal key.

PEDAL KEY VALUES	
Pedal Key	Value
Lo “C” Pedal	0
“C#” Pedal	1
“D” Pedal	2
“D#” Pedal	3
“E” Pedal	4
“F” Pedal	5
“F#” Pedal	6
“G” Pedal	7
“G#” Pedal	8
“A” Pedal	9
“A#” Pedal	DEC (Decrease value)
“B” Pedal	INC (Increase value)
Hi “C” Pedal	ENT (ENTER - select the value)

As a reminder, the number value represented by each Pedal key is printed above each Pedal.

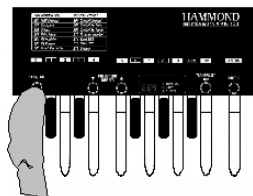
The following pages explain the Advanced Features in detail. The default settings of the Advanced Features for all of the Presets are identical. Please refer to page 35 for a list of the default Preset settings.

◆ Advanced Feature - E00 PK MIDI Channel

This Advanced Feature allows you to select the MIDI Channel on which the XPK-100 will transmit. You can select from “1” through “16.” The default setting is “3.”

TRY THIS:

- From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



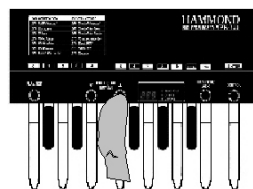
E00

Current Parameter

3

Current Value

- Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E00

Current Parameter

3

Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

NOTE: After resetting the XPK-100, “E00” is normally the first Advanced Feature to display when the PLAY/EDIT Switch is pressed from PLAY Mode. In this case, it is not necessary to press either of the PRESET/EDIT Switches to access this Advanced Feature.

- Now use the Pedal keys to select the MIDI Channel you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to decrease the MIDI Channel number selection.

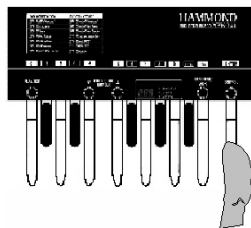
Use the INC (“B”) Pedal key to increase the MIDI Channel number selection.

Using the Pedal keys from “Lo C” through “A”:

You can use the other Pedal keys to select MIDI Channels. The data chart on the next page shows how to do this.

MIDI CHANNEL OPTIONS	
MIDI Channel Number	Action
MIDI Channel 1	Press the "Lo C" Pedal
MIDI Channel 2	Press the "C#" Pedal
MIDI Channel 3	Press the "D" Pedal
MIDI Channel 4	Press the "D#" Pedal
MIDI Channel 5	Press the "E" Pedal
MIDI Channel 6	Press the "F" Pedal
MIDI Channel 7	Press the "F#" Pedal
MIDI Channel 8	Press the "G" Pedal
MIDI Channel 9	Press the "G#" Pedal
MIDI Channel 10	Press the "A" Pedal
MIDI Channel 11	Press the "Lo C" Pedal, then press the "Lo C" Pedal again.
MIDI Channel 12	Press the "Lo C" Pedal, then press the "C#" Pedal.
MIDI Channel 13	Press the "Lo C" Pedal, then press the "D" Pedal.
MIDI Channel 14	Press the "Lo C" Pedal, then press the "D#" Pedal.
MIDI Channel 15	Press the "Lo C" Pedal, then press the "E" Pedal
MIDI Channel 16	Press the "Lo C" Pedal, then press the "F" Pedal.

4. When you have selected the proper MIDI Channel, then press the Hi "C" Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E00

Current Parameter

4

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the "Hi C" Pedal again. The XPK-100 is now transposed to the value you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

6. To continue editing, instead of pressing the Hi "C" Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the "Hi C" Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ **Advanced Feature - E01 Transpose**

This Advanced Feature allows you to transpose the XPK-100 into another key. You can select from “-5” (down 5 half-steps) through “6” (up 6 half-steps). The default setting is “0.”

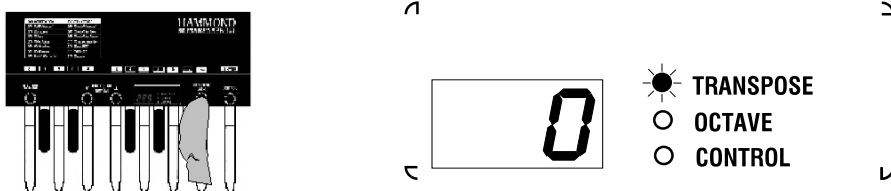
NOTE: The TRANSPOSE LED to the right of the Information Center Display will light whenever the XPK-100 is set to play in any octave other than “0.”

You can transpose the XPK-100 using two methods:

1. Using the TRANSPOSE/LOCK Switch.
2. Using EDIT Mode.

TRY THIS - To transpose the XPK-100 using the TRANSPOSE/LOCK Switch:

1. From PLAY Mode, press the TRANSPOSE/LOCK Switch once. The Information Center Display should look similar to what is shown below:



Notice that the red LED by the word, “TRANSPOSE” is flashing. This indicated that the XPK-100 is ready to be transposed.

2. Now select the Transposition interval you want by using the Pedal keys. That data chart below shows how to do this.

TRANSPOSE OPTIONS	
Transposition Interval	Action
No Transposition	Press the “Lo C” Pedal
Up 1 half-step	Press the “C#” Pedal
Up 2 half-steps	Press the “D” Pedal
Up 3 half-steps	Press the “D#” Pedal
Up 4 half-steps	Press the “E” Pedal
Up 5 half-steps	Press the “F” Pedal
Up 6 half-steps	Press the “F#” Pedal
Down 5 half-steps	Press the “G” Pedal
Down 4 half-steps	Press the “G#” Pedal
Down 3 half-steps	Press the “A” Pedal
Down 2 half-steps	Press the “A#” Pedal.
Down 1 half-steps	Press the “B” Pedal

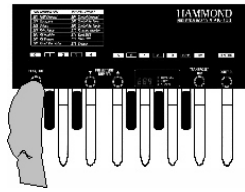
NOTE: Pressing the “Hi C” Pedal will have no effect.

As soon as you press and release the Pedal of your choice, the TRANSPOSE LED will stop flashing and glow continually. This indicates that the XPK-100 is now transposed.

Use the TRANSPOSE/LOCK Switch to turn Transpose “ON” and “OFF.” Only a momentary touch is required.

TRY THIS - To transpose the XPK-100 using EDIT Mode:

- From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:

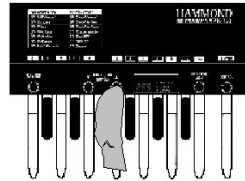


Current Parameter



Current Value

- Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



Current Parameter



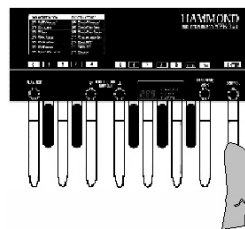
Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

- Now use the Pedal keys to select the Transpose value you want. The data chart below shows how to do this.

TRANPOSE OPTIONS	
Transposition Interval	Action
No Transposition	Press the “Lo C” Pedal
Up 1 half-step	Press the “C#” Pedal
Up 2 half-steps	Press the “D” Pedal
Up 3 half-steps	Press the “D#” Pedal
Up 4 half-steps	Press the “E” Pedal
Up 5 half-steps	Press the “F” Pedal
Up 6 half-steps	Press the “F#” Pedal
Down 5 half-steps	Press the “G” Pedal
Down 4 half-steps	Press the “G#” Pedal
Down 3 half-steps	Press the “A” Pedal
Down 2 half-steps	Press the “A#” Pedal.
Down 1 half-steps	Press the “B” Pedal

- When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



Current Parameter



Your Selected Value

- To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The XPK-100 is now transposed to the value you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

- To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

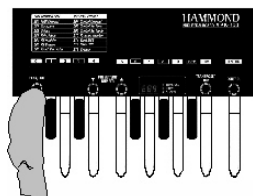
◆ **Advanced Feature - E02 Octave**

This Advanced Feature allows you to select the Octave in which the XPK-100 will sound. You can select from “-1” (down 1 octave) through “4” (up 4 octaves). The default setting is “0.”

NOTE: The OCTAVE LED to the right of the Information Center Display will light whenever the XPK-100 is set to play in any octave other than “0.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:

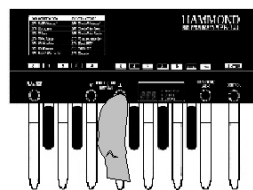


Current Parameter



Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



Current Parameter



Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select the MIDI Channel you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to decrease the Octave number selection.

Use the INC (“B”) Pedal key to increase the Octave number selection.

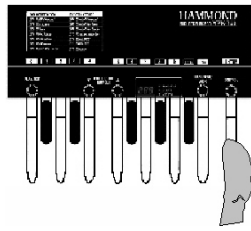
Using the other Pedal keys:

You can use the other Pedal keys to select Octaves. The data chart below shows how to do this.

OCTAVE SELECTIONS	
Octave Selection	Action
Unison	Press the “Lo C” Pedal
Up 1 octave	Press the “C#” Pedal
Up 2 octaves	Press the “D” Pedal
Up 3 octaves	Press the “D#” Pedal
Up 4 octaves	Press the “E” Pedal

NOTE: Pressing the “F” through the “B” Pedals will have no effect.

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



Current Parameter



Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The XPK-100 is now set to the value you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

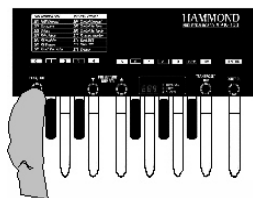
6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ Advanced Feature - E03 Poly/Mono Mode

This Advanced Feature allows you to select either “Poly” (polyphonic - more than one pedal note will play at the same time) or “Mono” (monophonic - only one pedal note will sound if two or more pedal keys are pressed together) Mode. The default setting is “Mono.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



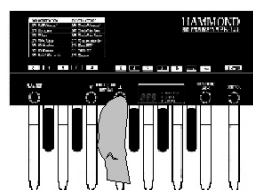
E00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E03

Current Parameter

non

Current Value

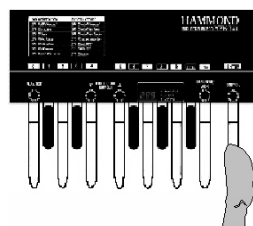
NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select between Poly and Mono Mode.

Use the WHITE Pedal keys (“Lo C” “D” “E” “F” “G” “A” and “B”) to select Poly Mode.

Use the BLACK Pedal keys (“C#” “D#” “F#” “G#” and “A#”) to select Mono Mode.

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E03

Current Parameter

Pol

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The XPK-100 is now set to the value you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

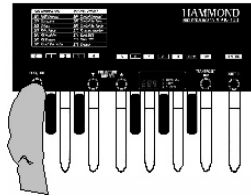
6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ Advanced Feature - E04 PK Hold ON/OFF

This Advanced Feature allows you to select whether you want the pedal notes to continuously play. The default setting for this Advanced Feature is “OFF.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



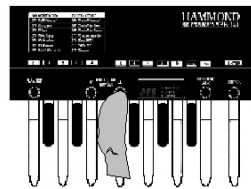
E00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E04

Current Parameter

off

Current Value

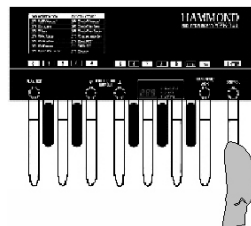
NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to turn PK Hold “ON” or “OFF.”

Use the WHITE Pedal keys (“Lo C” “D” “E” “F” “G” “A” and “B”) to turn PK Hold ON.

Use the BLACK Pedal keys (“C#” “D#” “F#” “G#” and “A#”) to turn PK Hold OFF.

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E04

Current Parameter

on

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The XPK-100 is now set to the value you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ Advanced Feature - E05 PK Volume

This Advanced Feature allows you to select the maximum volume or loudness of the pedal notes. You can select from “0” through “127.” The default value is “127.”

TRY THIS:

- From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



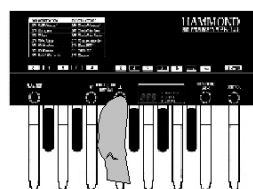
E00

Current Parameter

3

Current Value

- Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E05

Current Parameter

127

Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

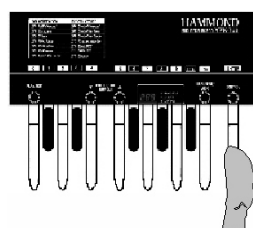
- Now use the Pedal keys to select the Volume setting you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to decrease the Volume setting.

Use the INC (“B”) Pedal key to increase the Volume setting.

- When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E05

Current Parameter

100

Your Selected Value

- To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The XPK-100 will now play at the Volume level you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

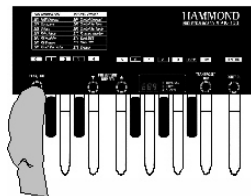
- To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ Advanced Feature - E06 Fixed Vel. Value

This Advanced Feature allows you to transmit a fixed Velocity number from 0 through 127 from the XPK-100 to a connected MIDI device. This is useful if you are transmitting to a sound module or synthesizer which has specific sounds for different Velocity values. You can select from “1” through “127.” The default setting is “100.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



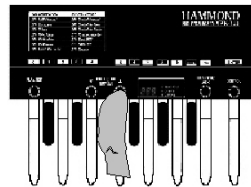
E00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E06

Current Parameter

100

Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

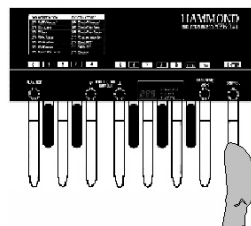
3. Now use the Pedal keys to select the Velocity setting you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to decrease the Velocity setting.

Use the INC (“B”) Pedal key to increase the Velocity setting.

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E06

Current Parameter

127

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The XPK-100 will now play at the Velocity you have selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

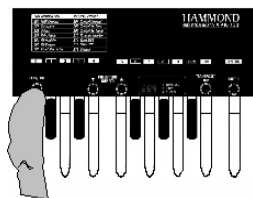
6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ Advanced Feature - E07 Control Channel

This Advanced Feature allows you to select the MIDI Channel on which Controller information will be transmitted. You can select from “1” through “16,” or “Pdl,” (the Control Channel will automatically be the same as the PK MIDI Channel). The default setting is “1.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



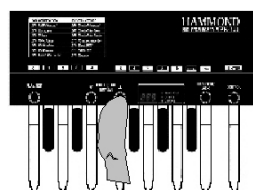
E00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E07

Current Parameter

1

Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select the MIDI Control Channel you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to decrease the MIDI Control Channel number selection.

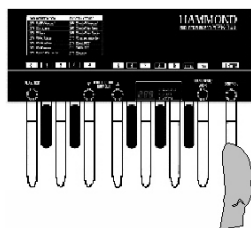
Use the INC (“B”) Pedal key to increase the MIDI Control Channel number selection.

Using the Pedal keys from “Lo C” through “A”:

You can use the other Pedal keys to select MIDI Channels. The data chart below shows how to do this.

MIDI CHANNEL OPTIONS	
MIDI Channel Number	Action
MIDI Channel 1	Press the “Lo C” Pedal
MIDI Channel 2	Press the “C#” Pedal
MIDI Channel 3	Press the “D” Pedal
MIDI Channel 4	Press the “D#” Pedal
MIDI Channel 5	Press the “E” Pedal
MIDI Channel 6	Press the “F” Pedal
MIDI Channel 7	Press the “F#” Pedal
MIDI Channel 8	Press the “G” Pedal
MIDI Channel 9	Press the “G#” Pedal
MIDI Channel 10	Press the “A” Pedal
MIDI Channel 11	Press the “Lo C” Pedal, then press the “Lo C” Pedal again.
MIDI Channel 12	Press the “Lo C” Pedal, then press the “C#” Pedal.
MIDI Channel 13	Press the “Lo C” Pedal, then press the “D” Pedal.
MIDI Channel 14	Press the “Lo C” Pedal, then press the “D#” Pedal.
MIDI Channel 15	Press the “Lo C” Pedal, then press the “E” Pedal.
MIDI Channel 16	Press the “Lo C” Pedal, then press the “F” Pedal.

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E07

Current Parameter

PdL

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The Control Channel of the XPK-100 is now set to the value you selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

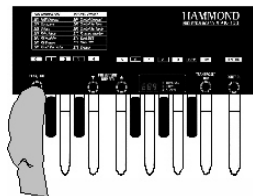
◆ Advanced Feature - E08 CONTROL Sw. Function

This Advanced Feature allows you to select the function for the CONTROL Switch.

NOTE: The CONTROL LED to the right of the Information Center Display will light whenever the CONTROL Switch is active.

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



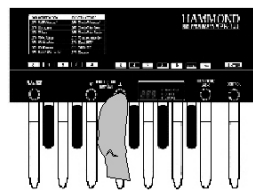
E00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E08

Current Parameter

PSL

Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select the function you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to scroll down through the choices.

Use the INC (“B”) Pedal key to scroll up through the choices.

The data chart on the next page gives a description of the functions available for the CONTROL Switch.

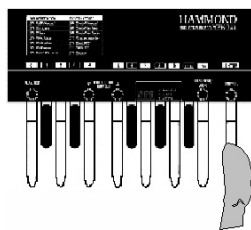
CONTROL SWITCH FUNCTIONS	
Function	Description
*Pedal Sustain LONG	Adds a LONG release to the Pedal tones. This is the default setting.
*Pedal Sustain MEDIUM	Adds a MEDIUM release time to the Pedal tones.
*Percussion 3 rd Harmonic	Turns on the Percussion THIRD HARMONIC Touch Tab.
*Percussion 2 nd Harmonic	Turns on the Percussion SECOND HARMONIC Touch Tab.
*Leslie SLOW/FAST	Turns on the LESLIE FAST Touch Tab.
*Leslie OFF	Turns on the LESLIE ON Touch Tab.
*Leslie BRAKE	Turns on the LESLIE BRAKE Touch Tab.
Octave Up	Transposes up one octave.
Transpose	Turns the selected Transpose interval ON or OFF.
Damper	Transmits Controller#64.
Portamento ON/OFF	Transmits Controller#65.
Sostenuto	Transmits Controller#66.
Soft	Transmits Controller#67.
Rhythm Start	Starts a rhythm playing on a connected rhythm unit.
Rhythm Pause/Continue	Pauses a rhythm or sequence, then allows you to start the sequence again at the point at which you stopped it.
Modulation Minimum	Transmits a Modulation value of 48 (30h).
Modulation Mid	Transmits a Modulation value of 65 (41h).
Modulation Maximum	Transmits a Modulation value of 96 (7Fh).
*V1/C1	Turns on the V1/C1 Touch Tab.
*V2/C2	Turns on the V2/C2 Touch Tab.
*V3/C3	Turns on both the V1/C1 and V2/C2 Touch Tabs.
+C2	Turns on C2 (Chorus 2).
+C3	Turns on C3 (Chorus 3).
+Vibrato ON/OFF	Turns on Vibrato.
*Chorus ON/OFF	Turns on Chorus.
Controller#16	Transmits Controller#16.
Controller#17	Transmits Controller#17.
Controller#18	Transmits Controller#18.
Controller#19	Transmits Controller#19.
Reverb Depth	Transmits Controller#91.
Tremolo Depth	Transmits Controller#92.
Chorus Depth	Transmits Controller#93.
Controller#94	Transmits Controller#94.
Controller#95	Transmits Controller#95.
Controller#96	Transmits Controller#96.
Controller#97	Transmits Controller#97.

* - Applies to XB-1/XK-2 Hammond Drawbar Keyboard only.

+ - Applies to Hammond XM-1 Drawbar Module only.

NOTE: In order to use the CONTROL Switch functions that apply to a Hammond MIDI instrument, NRPN must be "ON." Please refer to the Owner's Guide or Quick Features Guide for your Hammond Keyboard or Module for information on how to turn on NRPN (Non-Registered Parameter Number).

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



Current Parameter

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again. The CONTROL Switch will now control the function you have selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

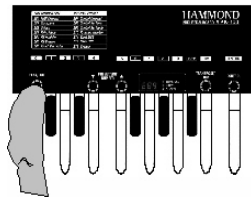
◆ Advanced Feature - E09 CONTROL Sw. Mode

This Advanced Feature allows you to select how the CONTROL Switch operates. You can select either "Alt" (Alternate - pressing and releasing the CONTROL Switch toggles between "ON" and "OFF") or "Mom" (Momentary - pressing the CONTROL Switch turns its function "ON," while releasing the CONTROL Switch turns the selected function "OFF"). The default setting is "Alt."

NOTE: The CONTROL LED to the right of the Information Center Display will light whenever the CONTROL Switch is active.

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



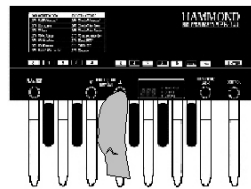
E00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT "▲" Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E09

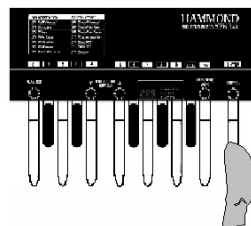
Current Parameter

ALT

Current Value

NOTE: You can also press the PRESET/EDIT "▼" Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select between Alternate and Momentary Mode.
Use the WHITE Pedal keys ("Lo C" "D" "E" "F" "G" "A" and "B") to select Alt (alternate) Mode.
Use the BLACK Pedal keys ("C#" "D#" "F#" "G#" and "A#") to select Mom (momentary) Mode.
4. When you have made your selection, then press the Hi "C" Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E09

Current Parameter

Alt

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the "Hi C" Pedal again. The CONTROL Switch on the XPK-100 will now operate in the Mode you have selected.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

6. To continue editing, instead of pressing the Hi "C" Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the "Hi C" Pedal once to return to PLAY Mode. All of your changes will now take effect.

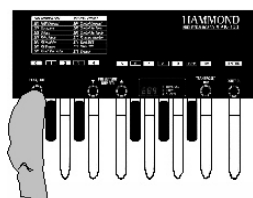
◆ Advanced Feature - E10 Program Number

This Advanced Feature allows you to select the Program Number that will be transmitted. You can select from “1” through “128.” The default setting is the same as the selected Preset number (“P01” is Program Number 1, “P02” is Program Number 2, etc.).

NOTE: You can also select “OFF,” meaning that no Program Number data will be sent.

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:



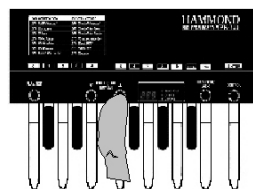
E 00

Current Parameter

3

Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



E 10

Current Parameter

1

Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

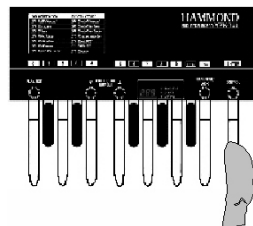
3. Now use the Pedal keys to select the Program number you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to scroll down through the Program numbers.

Use the INC (“B”) Pedal key to scroll up through the Program numbers.

4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



E 10

Current Parameter

2

Your Selected Value

5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

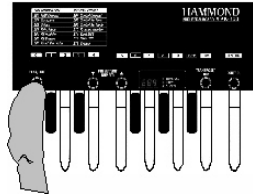
NOTE: The CONTROL Channel and the PK MIDI Channel must be set to the same number in order for Program Changes to be properly recognized by the receiving instrument.

◆ **Advanced Feature - E11 Bank No. MSB (Most Significant Bit)**

This Advanced Feature allows you to select different Bank numbers for voices. You can select the “MSB” (Most Significant Bit) for each Bank selection. This is so that you have access to the great number of voices available on modern sound modules. Please refer to the documentation for your module to determine the Bank numbers for specific voices. You can select from “0” through “127.” The default setting is “0.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:

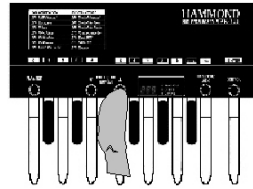


Current Parameter



Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



Current Parameter



Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select the Bank number you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to decrease the Bank number selection.

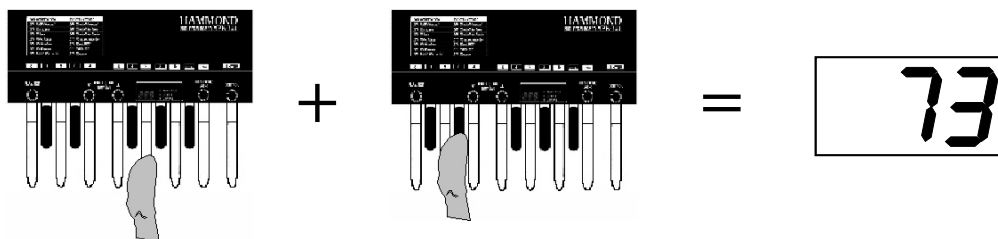
Use the INC (“B”) Pedal key to increase the Bank number selection.

Using the Pedal keys from “Lo C” through “A”:

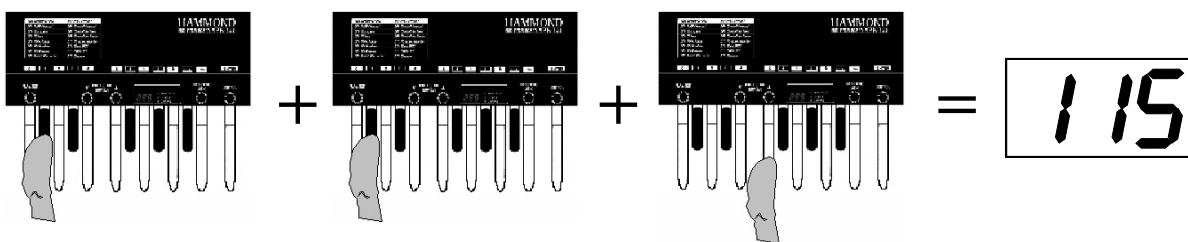
You can also use the other Pedal keys to select Bank numbers . The data chart below shows the numbers represented by each Pedal.

PEDAL NUMBER OPTIONS	
Number	Action
“0”	Press the “Lo C” Pedal
“1”	Press the “C#” Pedal
“2”	Press the “D” Pedal
“3”	Press the “D#” Pedal
“4”	Press the “E” Pedal
“5”	Press the “F” Pedal
“6”	Press the “F#” Pedal
“7”	Press the “G” Pedal
“8”	Press the “G#” Pedal
“9”	Press the “A” Pedal

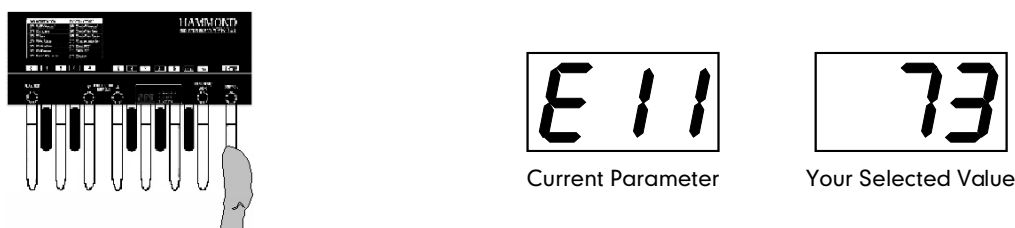
You can select numbers by pressing the Pedals representing numbers in succession. For example, if you want the number “73,” press the “G” Pedal, then the “D#” Pedal:



If you want a three-digit number (up to 127), press three numbered Pedals. For example, the number “115” would be selected like this:



4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

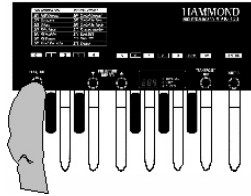
6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ **Advanced Feature - E12 Bank No. LSB (Least Significant Bit)**

This Advanced Feature allows you to select different Bank numbers for voices. You can select the “LSB” (Least Significant Bit) for each Bank selection. This is so that you have access to the great number of voices available on modern sound modules. Please refer to the documentation for your module to determine the Bank numbers for specific voices. You can select from “0” through “127.” The default setting is “0.”

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:

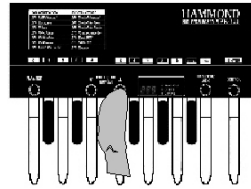


Current Parameter



Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



Current Parameter



Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select the Bank number you want.

Using the DEC/INC Pedal keys:

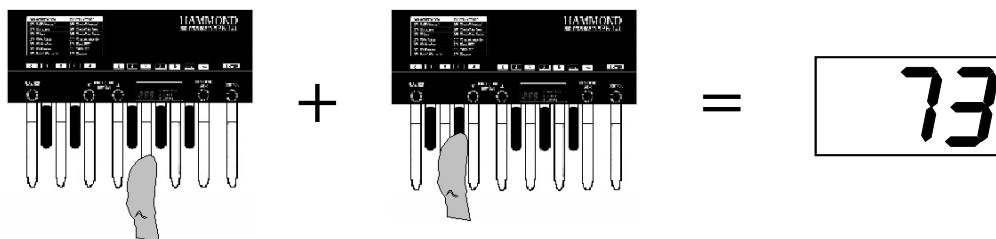
Use the DEC (“A#”) Pedal key to decrease the Bank number selection.

Use the INC (“B”) Pedal key to increase the Bank number selection.

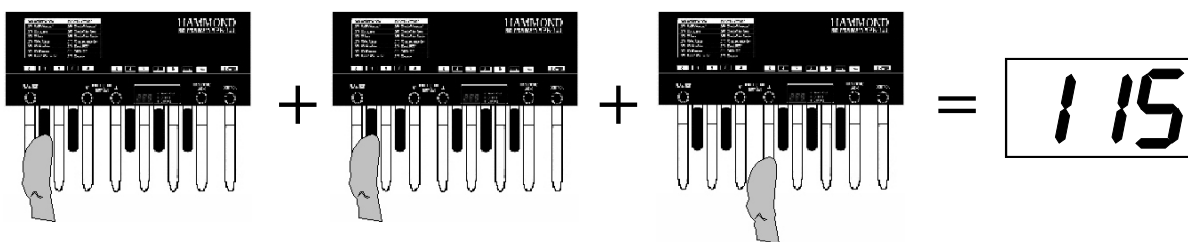
You can also use the other Pedal keys to select Bank numbers . The data chart below shows the numbers represented by each Pedal.

PEDAL NUMBER OPTIONS	
Number	Action
“0”	Press the “Lo C” Pedal
“1”	Press the “C#” Pedal
“2”	Press the “D” Pedal
“3”	Press the “D#” Pedal
“4”	Press the “E” Pedal
“5”	Press the “F” Pedal
“6”	Press the “F#” Pedal
“7”	Press the “G” Pedal
“8”	Press the “G#” Pedal
“9”	Press the “A” Pedal

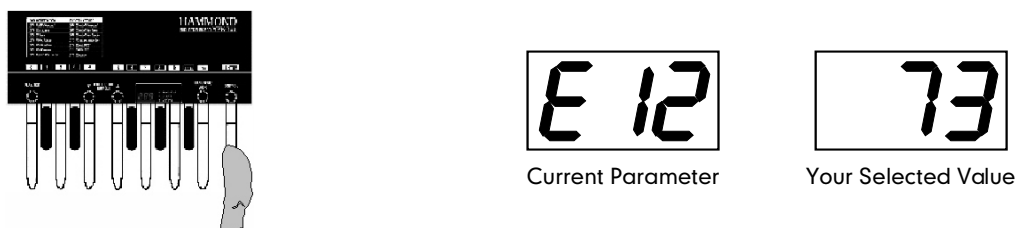
You can select numbers by pressing the Pedals representing numbers in succession. For example, if you want the number “73,” press the “G” Pedal, then the “D#” Pedal:



If you want a three-digit number (up to 127), press three numbered Pedals. For example, the number “115” would be selected like this:



4. When you have made your selection, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value:



5. To exit the EDIT Mode and return to PLAY Mode, press the “Hi C” Pedal again.

NOTE: After doing the above, you will notice a small red dot between the first and second characters of the Information Center Display. This indicates that your new value has not been saved to a Preset. For information on how to save your settings to a Preset, see page 34.

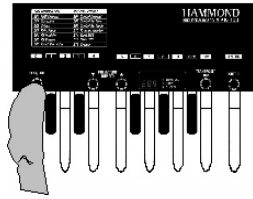
6. To continue editing, instead of pressing the Hi “C” Pedal, use the PRESET/EDIT Switches to select the parameter you want to edit. When you are finished editing, press the “Hi C” Pedal once to return to PLAY Mode. All of your changes will now take effect.

◆ **Advanced Feature - E13 System**

This Advanced Feature allows you to perform certain functions associated with the basic system or setup of the XPK-100.

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once. The Information Center Display should alternate between two messages as shown below:

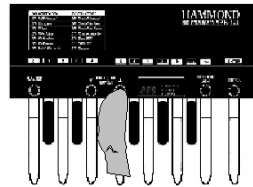


Current Parameter



Current Value

2. Press the PRESET/EDIT “▲” Switch repeatedly until the Information Center Display alternates between two messages as shown below:



Current Parameter



Current Value

NOTE: You can also press the PRESET/EDIT “▼” Switch to arrive at the same Advanced Feature selection.

3. Now use the Pedal keys to select the System function you want.

Using the DEC/INC Pedal keys:

Use the DEC (“A#”) Pedal key to scroll down through the selections.

Use the INC (“B”) Pedal key to scroll up through the selections.

Using the Pedal keys from “Lo C” through “A”:

You can use the other Pedal keys to select System functions.

SYSTEM PARAMETERS	
Function	Action
PRESET RESET - Allows you to restore the factory-default settings to the selected Preset.	Press the “C#” Pedal
MIDI Merge OFF - Disables the XPK-100's MIDI Merge feature.	Press the “D” Pedal
MIDI Merge ON - Enables the XPK-100's MIDI Merge feature.	Press the “D#” Pedal
MIDI Data Dump - Allows you to send the memory contents of the XPK-100 to a MIDI Data recorder.	Prepare your MIDI Data recorder for receiving data, start the recorder, then press the “E” Pedal

NOTE: The MIDI Merge feature affects only the MIDI IN 1 port.

4. After doing the above, press the Hi “C” Pedal. The XPK-100 will return to PLAY Mode.

◆ Advanced Feature - LOCK Feature

This Advanced Feature is designed to make the XPK-100 easier to use in live-performance situations by greatly reducing the possibility of accidental changes in sounds or setups.

When using the XPK-100 in performance, it may be possible that you would accidentally touch one of the Switches with your foot and change, say, a Preset when you did not intend to do so. This Advanced Feature is designed to minimize the possibility of this happening.

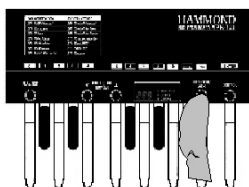
When the LOCK Feature is “ON,” all of the Switches except the CONTROL Switch are disabled from operating any of their assigned functions. If you accidentally strike a Switch during performance, your settings will not be disrupted.

When the LOCK Feature is “OFF,” the Switches will all work normally.

NOTE: The CONTROL Switch is not affected by the LOCK Feature. This is so you can continue to use the CONTROL Switch to add Pedal Sustain, switch a Leslie effect from SLOW to FAST, etc.

TRY THIS:

1. From PLAY Mode, Press and Hold the TRANSPOSE/LOCK Switch for approximately 1 second. The Information Center Display should display the message shown below:



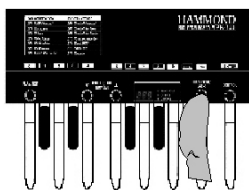
Press and Hold



LOCK Feature enabled

When the XPK-100 is in this mode, except for the CONTROL Switch, touching the Switches will have no effect.

To turn the LOCK Feature “OFF” and re-enable the Switches, Press and Hold the TRANSPOSE/LOCK Switch again for approximately 1 second. The Information Center Display should now look similar to this:



Press and Hold



LOCK Feature disabled

All the Switches will now function normally.

PRESETS

Your Hammond XPK-100 contains 15 pre-programmed Advanced Feature settings called Presets. The factory-programmed settings can be changed and programmed with your own registrations. The factory Presets can be restored by doing the RESET ALL procedure.

◆ Selecting a Preset

You must be in PLAY Mode to select Presets. When you first connect the XPK-100 to AC power, the PLAY Mode will display. The Information Center Display should look similar to this:

A rectangular digital display showing the text "P01" in a stylized, blocky font.

The designation, "P01" indicates that Preset 1 is selected.

TRY THIS:

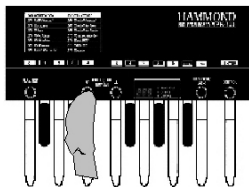
1. From the above screen, touch the PRESET/EDIT "▲" Switch once. The Information Center Display should now show the following:



A rectangular digital display showing the text "P02" in a stylized, blocky font.

You have now selected the next Preset or Preset 2.

2. From the above screen, touch the PRESET/EDIT "▼" Switch two times. The Information Center Display should now show the following:



A rectangular digital display showing the text "P15" in a stylized, blocky font.

You have now selected Preset 15, or the last Preset.

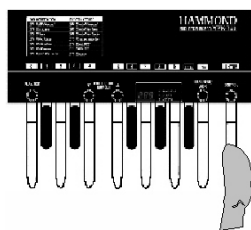
The above example shows you how, by using the PRESET/EDIT "▲" and "▼" Switches, you can scroll forward as well as backward through the Preset selections until you find the one you want.

◆ Saving to a Preset

After you have made changes to the instrument using the Advanced Features in EDIT Mode, you can save your changes to a Preset for later use.

TRY THIS:

1. From PLAY Mode, press the PLAY/EDIT Switch once to enter EDIT Mode.
2. Make whatever changes you wish to the XPK-100 by using the Advanced Features.
3. When you have finished editing, then press the Hi “C” Pedal once. The Information Center Display will show you the current parameter alternating with your selected value. For example if “CONTROL Sw Function” was the last parameter you edited, the Information Center Display would look similar to this:



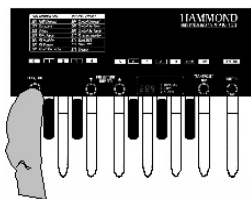
E08

Current Parameter

PSL

Your Selected Value

4. Press and Hold the PLAY/EDIT Switch. The Information Center Display should now flash a Preset Number similar to this:



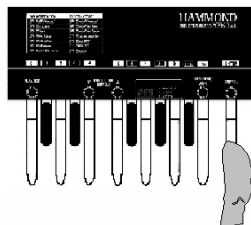
P01

Current Preset

5. You can now select which Preset Number to save your edits to. If you wish to select a different Preset Number, use the PRESET/EDIT “▲” and “▼” Switches to make your selection. You can select from “1” through “15,” or you may select “ALL” if you want to save your edits to all of the Presets.

NOTE: If at this point DO NOT wish to save your edited parameters to a Preset, press the PLAY/EDIT Switch. The Information Center Display will show, “Can,” meaning that the Save operation is canceled.

6. After you have made your selection, press the Hi “C” Pedal again. The Information Center Display should now flash the following message:



SAR

Preset Saving

After the above message is finished flashing, the Information Center Display will return to PLAY Mode. Your parameters are now saved to the Preset you selected.

SPECIFICATIONS

- 13-note pedalboard, fixed velocity
- LED display: 7 segments, 3 characters
- Panel Switches: PLAY/EDIT, PRESET/EDIT Plus and Minus, TRANSPOSE/LOCK, CONTROL
- Jacks, DC power input, MIDI IN 1, MIDI IN 2, MIDI OUT
- Accessories, AC power supply, MIDI cable
- Weight: 8.5 kg
- Dimensions: W 56cm D 39cm H 13cm

◆ Appendix A - EDIT Parameter List

Advanced Feature	Values
*E00 PK MIDI Channel	1 ~ 16
*E01 Transpose	-5 ~ +6
*E02 Octave	-1 ~ +4
*E03 Poly/Mono Mode	Poly/Mono
*E04 PK Hold ON/OFF	ON/OFF
*E05 PK Volume	1 ~ 127
*E06 Fixed Vel. Value	1 ~ 127
*E07 Control Channel	1 ~ 16, Pedal
*E08 CONTROL Sw. Func.	See page 23
*E09 CONTROL Sw. Mode	Alternate/Momentary
*E10 Program Change	OFF, 1 ~ 128
*E11 Bank Select MSB	0 ~ 127
*E12 Bank Select LSB	0 ~ 127
E13 System	Preset Reset, MIDI Merge ON/OFF, MIDI Data Dump

* - Data can be saved to a Preset.

◆ Appendix B - Default Preset Settings

Advanced Feature	Default Setting
E00 PK MIDI Channel	3
E01 Transpose	0
E02 Octave	0
E03 Poly/Mono Mode	Mono
E04 PK Hold ON/OFF	OFF
E05 PK Volume	127
E06 Fixed Vel. Value	100
E07 Control Channel	1
E08 CONTROL Sw. Func.	Pedal Sustain LONG
E09 CONTROL Sw. Mode	Alternate
E10 Program Change	Same as Preset Number
E11 Bank Select MSB	0
E12 Bank Select LSB	0
E13 System	Reset

◆ Appendix C - MIDI Implementation Chart

Date: 4-16-99
Version 1.00

FUNCTION		TRANSMITTED	RECOGNIZED	REMARKS
Basic Channel	Default Changed	1-16 *1 *****	1 *2 *****	*1 PK = 3,Control=1 *2 When MIDI Merge is OFF
Mode	Default Changed Altered	Mode 3 × *****	Mode 3 × *****	
Note Number:	True voice	24-96 *3 *****	× ×	*3 Normal octave 36-48
Velocity	Note ON Note OFF	○ *4 ×	× ×	*4 Fixed value
After Touch	Key's Ch's	× ×	× ×	
Pitch Bend		×	×	
Control Change	Bank Select 0,32 Modulation 1 Data Entry 6,38 Main Volume 7 16,17,18,19 64,65,66,67 91,92,93,94,95 96,97 98,99	○ ○ ○ ○ ○ ○ ○ ○ ○	× × × × × × × × ×	Bank Select Modulation Data Entry Main Volume General Purpose 1-4 Pedal Switches Effects 1-5 Depth INC,DEC NRPN,LSB,MSB
Program Change	:True #	○ *****	○ 1-15 *5	*5 Preset Select
System Exclusive		○ *6	○ *7	
Common	:Song Pos :Song Sel :Tune	× × ×	× × ×	
System Real Time	:Clock :Commands	× ○	× ×	FAh,FCh,FBh
Aux Messages	:Local On/Off :Reset All Controllers :All Notes Off :Reset	× ○ ○ ×	× × × ×	(123)
Notes		* MIDI IN 2 is SOFT THRU *6 Transpose Set, NRPN ON, RAM Data OUT *7 RAM Data IN		

Mode 1 : OMNI ON, POLY
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON, MONO
Mode 4 : OMNI OFF, MONO

○ : Yes
× : No

Hammond maintains a policy of continuously improving and upgrading its instruments and therefore reserves the right to change specifications without notice. Although every attempt has been made to insure the accuracy of the descriptive contents of this Guide, total accuracy cannot be guaranteed. Should the player require further assistance, inquiries should first be made to your Authorized Hammond Dealer. If you still need further assistance, contact Hammond at the following addresses:

<p>In the United States contact:</p> <p>HAMMOND SUZUKI USA, Inc. 733 Annoreno Dr. Addison, IL 60101 UNITED STATES</p> <p>In the United Kingdom contact:</p> <p>HAMMOND SUZUKI U.K. LTD. 19 Presley Way Crownhill Milton Keynes MK8 OE5 UNITED KINGDOM</p>	<p>In Germany, Switzerland and Austria contact:</p> <p>HAMMOND SUZUKI DEUTSCHLAND GmbH Karlstraße 38 D-89129 LANGENAU/ULM GERMANY</p> <p>In Europe contact:</p> <p>HAMMOND SUZUKI EUROPE B.V Industriepark Hagestein I. D.S. Tuynmanweg 4A 4131 PN Vianen THE NETHERLANDS</p>	<p>All other countries contact:</p> <p>HAMMOND SUZUKI Ltd. 25-12, Ryoke 2 Chome Hamamatsu 430 (Shizuoka) JAPAN</p>
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Technical materials are available and can be obtained by mailing a request to the appropriate address listed above marked ATTENTION: SERVICE DEPARTMENT.

Manufacturer:
SUZUKI MUSICAL INSTRUMENT MFG. CO., Ltd
25-12, Ryoke 2 Chome
Hamamatsu 430 (Shizuoka)
JAPAN

ACKNOWLEDGMENTS

In appreciation of the many fine players who have made their contributions to Hammond over the years:

<p>Axel Alexander Milt Buckner Buddy Cole Jesse Crawford Wild Bill Davis Jackie Davis "Papa" John DeFrancesco Lenny Dee Collins Driggs Artie Dunn Eddie Dunstedter Charles Earland Richard Ellsasser Keith Emerson Fred Feibel Virgil Fox Ken Griffin Jon Hammond Glenn Hardman</p>	<p>Porter Heaps Richard "Groove" Holmes Milt Herth Al Kooper Eddie Layton Jon Lord Captain Jack McDuff Jimmy McGriff Lee Micheals Don Patterson Big John Patton Richard Purvis Rosa Rio Freddie Roach Bryan Rodwell Dr. Mario Salvador Shirley Scott Hal Shutz Ethel Smith</p>	<p>Jimmy Smith Paul Taubman Shay Torrent Juan Torres Rick Wakeman Thomas "Fats" Waller Walter Wanderly Lew White Baby Face Willette George Wright Pietro Yon Larry Young</p> <p>and many others too numerous to list.</p>
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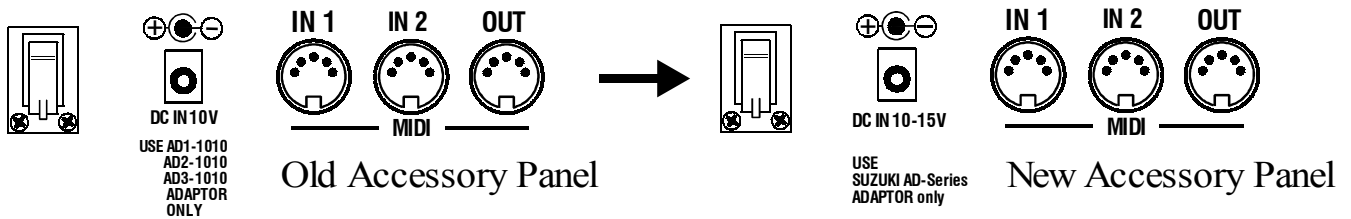


HAMMOND XPK-100 Version 1.20 Addendum

The contents of page 1, 6, 7 are changed as follows:

1 Introduction ♦Basic Hook-Up

The display of the Accessory Panel has been changed as shown below, and the Adaptor AD1-1508 or AD3-1508 is possible to use.

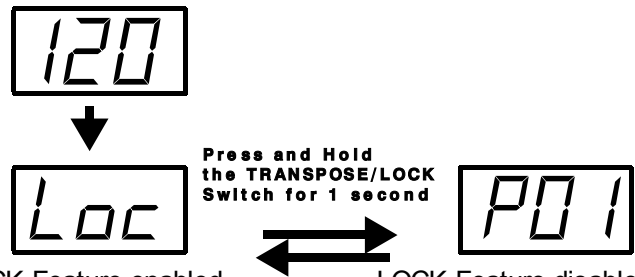


6 Information Center Display ♦PLAY Mode

LOCK Feature is memorized even after switching off the power.

The default setting is LOCK Feature enabled.

The Information Center Display will flash the following for approximately 1 second:



ATTENTION - LOCK Feature LOCK Feature enabled ↔ LOCK Feature disabled

This Advance Feature is designed to make the XPK-100 easier to use in live-performance situations by greatly reducing the possibility of accidental changes in sounds or setups.

When using the XPK-100 in performance, it may be possible that you would accidentally touch one of the Switches with your foot and change, say, a Preset when you did not intend to do so. This Advanced Feature is designed to minimize the possibility of this happening.

When the LOCK Feature is "ON," all of the Switches except the CONTROL Switch are disabled from operating any of their assigned functions. If you accidentally strike a Switch during performance, your settings will not be disrupted.

When the LOCK Feature is "OFF," the Switches will all work normally.

7 Information Center Display ♦ALL RESET

If it is all reset, it starts from LOCK Feature enabled.

The Information Center Display will flash the following for approximately 1 second:

