# Contents

# HAMMOND

## MIDI SOUND PEDALBOARD

## Model: XPK-130G
## XPK-200G / 200GL

Thank you, and congratulations on your choice of a Hammond MIDI sound pedalboard!

The XPK-130G has 13 pedals (C to C), while the XPK-200G and XPK-200GL both have 20 pedals (C to G). In addition, the XPK-200GL has wooden naturals of extended length, to make "heel and toe" playing style easier.

In addition to the MIDI capabilities, these units also contain 5 built-in Pedal Voices, allowing you to use them as "stand-alone" units.

In order to get the most out of this instrument for many years to come, please take the time to read this manual carefully and in its entirety.

# Owner's Manual

# IMPORTANT SAFETY INSTRUCTIONS

◆ Before using this unit, please read these instructions carefully.

◆ Please be sure to keep this manual at hand even after reading it once.

◆ This "Safety Instructions" section contains very important points for securing your safety. Strictly observe the instructions, please.

◆ In this manual, the degrees of dangers and damages are classified and explained as follows:

| ⚠ WARNING | This sign shows there is a risk of death or severe injury if this unit is not properly used as instructed. |
|---|---|
| ⚠ CAUTION | This sign shows there is a risk of injury or material damage if this unit is not properly used as instructed.<br>*"Material damage" is defined as damage to the room, furniture or animals / pets |

## ⚠ WARNING

◆Do not open (or modify in any way) the unit or its AC adaptor.

◆Do not attempt to repair the unit, or replace parts in it (expect when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Hammond, or authorized Hammond distributor, as listed on the "Service" page.

◆Never use or store the unit in places that are:
  ◆ Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment)
  ◆ Damp (e.g., baths, washrooms, on wet floors)
  ◆ Humid
  ◆ Exposed to rain
  ◆ Dusty
  ◆ Subject to high levels of vibration.

◆Be sure to use only AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.

◆Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards!

◆Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit.

◆Immediately turn the power off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Hammond, or authorized Hammond distributor, as listed on the "Service" page when:
  ◆ The AC adaptor, the power-supply cord, or the plug has been damaged; or
  ◆ If smoke or unusual odor occurs
  ◆ Objects have fallen into, or liquid has been spilled onto the unit; or
  ◆ The unit has been exposed to rain (or otherwise has become wet); or
  ◆ The unit does not appear to operate normally or exhibits a marked change in performance.

◆In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit.

◆Protect the unit from strong impact.
(Do not drop it!)

◆Do not force the unit's power supply cord to share an outlet with an unreasonable number of other units. Be especially careful when using extension cords - the total power used by all units you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.

◆Before using the unit in a foreign country, consult with your retailer, the nearest Hammond, or an authorized Hammond distributor, as listed on the "Service" page.

◆Do not put anything that contains water (e.g., flower vases) on this unit. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

# ⚠ CAUTION

◆The unit and the AC adaptor should be located so their location or position does not interfere with their proper ventilation.

◆Always grasp only the plug on the AC adaptor cord when plugging into, or unplugging from, an outlet or this unit.

◆At regular intervals, you should unplug the AC adaptor and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire.

◆Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.

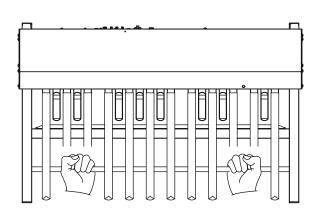◆Never climb on the top of, nor place heavy objects on the unit.

◆Never handle the AC adaptor or its plugs with wet hands when plugging into, or unplugging from, an outlet of this unit.
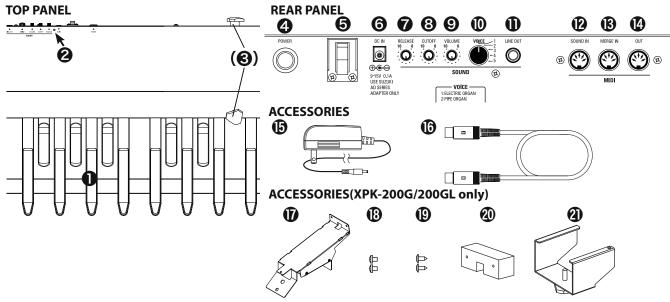
◆Before moving the unit, disconnect the AC adaptor and all cords coming from external units, and also remove the accessories attached to the unit.

◆When transporting the unit, do not lift the unit by the pedals, which may cause damage. Use the frame to lift.

◆Do not stand this unit with the cables connected to it, which may cause damage to jacks and cables.

◆Before cleaning the unit, turn off the power and unplug the AC adaptor from the outlet.

◆Whenever you suspect a possibility of lightning in your area, disconnect the AC adaptor from the outlet.

# NAMES AND FUNCTIONS

**TOP PANEL**

❷

(❸)

**REAR PANEL**

❹ POWER   ❺   ❻ DC IN   ❼ RELEASE   ❽ CUTOFF   ❾ VOLUME   ❿ VOICE   ⓫ LINE OUT   ⓬ SOUND IN   ⓭ MERGE IN   ⓮ OUT

9~15V 0.1A
USE SUZUKI
AD SERIES
ADAPTER ONLY

SOUND

VOICE
1:ELECTRIC ORGAN
2:PIPE ORGAN

MIDI

**ACCESSORIES**

⓯   ⓰

**ACCESSORIES(XPK-200G/200GL only)**

⓱   ⓲   ⓳   ⓴   ㉑

❶

❶ **Pedal keyboard**
Velocity-sensitive pedal keyboard. XPK-130G has 13 keys, XPK-200G/200GL both have 20 keys.

❷ **LED**
Lights when the power is "ON," and indicates when a pedal is pressed (light will glow brighter).

❸ **Knob bolts(2)**
Use these to fasten the ⓱Expression Bracket 1.

❹ **POWER switch**
Switches the power of this unit "ON" or "OFF." Press to turn the power "ON," press and hold for about 1 second to turn the power "OFF."

❺ **Cord hook**
Use this hook to provide strain relief for the AC Adaptor Cord.

❻ **DC IN jack**
Connect the ⓯AC Adaptor (AD1-1210/AD3-1210 series) to this jack.

❼ **RELEASE knob**
Allows you to adjusts the rate at which notes decrease to silence after key release.

❽ **CUTOFF knob**
Allows you to change the sound or tone quality of the built-in Pedal Voices.

❾ **VOLUME knob**
Controls the total or maximum volume of the built-in Pedal Voices (LINE OUT jack).

❿ **VOICE selector**
Selects the built-in Pedal Voice to be sent out the LINE OUT jack.

⓫ **LINE OUT jack**
Allows you to hear the sound output from the built-in Pedal Voices through an external amplifier or powered speak-

er. Connect an audio cable from LINE OUT to the input connectors of an external amplifier or powered speaker.

⓬ **SOUND IN jack**
Use this MIDI IN jack to play the built-in Pedal Voices of this unit from an external MIDI connection.

⓭ **MERGE IN jack**
MIDI signals received at this input will be merged with the playing information from the pedalboard, and sent out from the MIDI OUT jack.

⓮ **MIDI OUT jack**
Use this jack to send playing information of the pedalboard as well as any merged information coming from the MERGE IN jack.

## ACCESSORIES

⓯ **AC adaptor AD1-1210/AD3-1210 series**
DC 12V power supply which provides electrical power to this unit.

⓰ **MIDI Cable (2.0m)**
Use this cable to connect this unit to external MIDI instruments.

## ACCESSORIES(XPK-200G/200GL only)

⓱ **Expression Bracket 1**
This bracket is a base for mounting the optional Expression Pedal EXP-100F, EXP-50/50J, EXP-20 or V-20R.

⓲ **M4 x 5mm screws (2)**
Use these screws for attaching the Expression Pedal EXP-100F or EXP-50/50J to ⓱Expression Bracket 1.

⓳ **ø4 x 8mm screws (2)**

⓴ **Bracket Spacer**

㉑ **Expression Bracket 2**
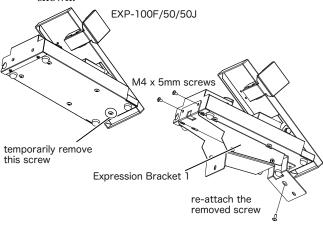Use these 3 parts together with the ⓱Expression Bracket 1 for attaching an EXP-20 or V-20R Expression Pedal.
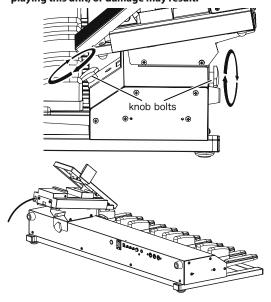
You can mount Hammond Expression Pedals to the XPK-200G or XPK-200GL. Please read the instructions below on how to mount your particular Hammond Expression Pedal.

## Mounting the EXP-100F/50/50J

① Remove the screw as shown from the bottom of the Expression Pedal using a #2 Phillips screwdriver.

② Place the Expression Pedal on top of the Expression Bracket 1.

③ Fasten the Expression Pedal to the front of the bracket as shown using the two supplied M4 x 5mm screws.

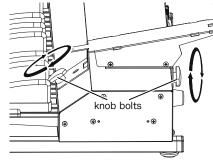④ Using the screw that you previously removed, fasten the Expression Pedal to the bottom of the bracket as shown.

EXP-100F/50/50J

M4 x 5mm screws

temporarily remove this screw

Expression Bracket 1

re-attach the removed screw

⑤ Place the Expression Bracket 1 on top of the XPK-200G/200GL as shown.

⑥ Fasten the Bracket to the XPK-200G/200GL by turning the two supplied knob bolts clockwise.

⚠ **Be sure to screw the knob bolts vertically into the panel surface. Attempting to screw into the holes diagonally may cause damage to the tapped holes.**

⚠ **Be sure that the Expression Pedal is securely fastened before playing this unit, or damage may result.**
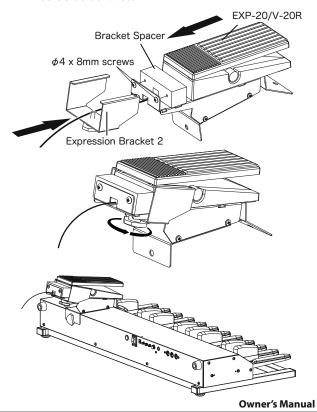
knob bolts

## Mounting the EXP-20 or V-20R

① Place the Expression Bracket 1 on top of the XPK-200G/200GL as shown.

② Fasten the Bracket to the XPK-200G/200GL by turning the two supplied knob bolts clockwise.

⚠ **Be sure to screw the knob bolts vertically into the panel surface. Attempting to screw into the holes diagonally may cause damage to the tapped holes.**

⚠ **Be sure that the Expression Pedal is securely fastened before playing this unit, or damage may result.**
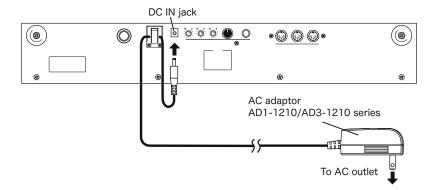
knob bolts

③ Place the Expression Pedal on top of the Expression Bracket 1 and route the cord through the hole in the Bracket as shown.

④ Place the Bracket Spacer on the Expression Bracket 1 as shown and fasten the spacer to the bracket with a #2 Phillips screwdriver and the 2 supplied 4 x 8mm screws.

⑤ Fasten the Expression Pedal to the Expression Bracket 1 by sliding the Expression Bracket 2 onto the Expression Pedal assembly as shown and turning the supplied knob bolt clockwise.

EXP-20/V-20R

Bracket Spacer

φ4 x 8mm screws

Expression Bracket 2

## Preparing unit for use

① Connect the AC adaptor AD1-1210/AD3-1210 series into the DC IN jack on the unit.

② Hook the AC adaptor cord on the cord hook.

③ Connect the AC plug into an AC outlet.

DC IN jack

AC adaptor
AD1-1210/AD3-1210 series

To AC outlet

There are several ways to use this unit. Below are several examples.

## Hook-up example 1: MIDI pedalboard

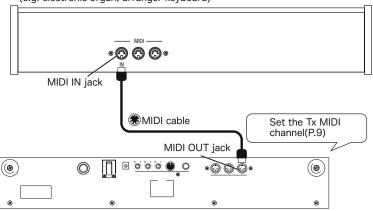To use this unit as a MIDI pedalboard, do the following:

① Connect the MIDI OUT from the unit to the MIDI IN of the MIDI instrument you wish to use as shown.

② Make sure the unit and the connected instrument are set to the same MIDI Channel (factory setting is MIDI Channel 3).
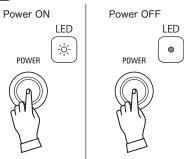
**NOTE: You can change the MIDI channel of this unit. See P.9.**

③ Turn the power to the unit "ON."

④ In order for the connected instrument to function correctly, set the MIDI function properly. Consult the manual for your connected instrument if needed.

MIDI Instrument
(e.g. electronic organ, arranger keyboard)

MIDI
IN

MIDI IN jack

✳MIDI cable

Set the Tx MIDI channel(P.9)

MIDI OUT jack

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**tips** HOW TO TURN THE POWER ON/OFF

Power ON

LED

POWER

Power OFF

LED

POWER

Press the POWER Switch. The power turns on and the LED will light on brightly for about 1 second.

Press and HOLD the POWER Switch for 1 second. The power turns off and the LED will light off.

⚠ **Before switching the power to this unit "ON" or "OFF," be sure to set the VOLUME of both this unit and the connected amplifier etc at "0." Also, be sure the power to the connected amplifier is "OFF."**

⚠ **Do not connect or disconnect the audio cables while the power to both units is "ON."**

**tips** AUTO POWER OFF

This unit has an Auto Power OFF feature which will automatically turn the power to the unit "OFF" if no notes are played or features accessed for 30 minutes (default setting).
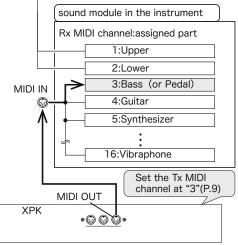
If you wish to disable this feature please consult "Auto Power OFF" under the "ADVANCED OPERATION" section on P.10.

**tips** SETTING MIDI CHANNELS

To use this unit as a MIDI pedalboard, do the following:

① Determine to which MIDI Channel the Bass is assigned on the MIDI instrument.

② Set the MIDI Channel of the unit to the same channel as the Bass channel on the MIDI instrument (see the diagram below).

MIDI Instrument

sound module in the instrument

Rx MIDI channel:assigned part

| 1:Upper |
| 2:Lower |
| 3:Bass (or Pedal) |
| 4:Guitar |
| 5:Synthesizer |
| 16:Vibraphone |

MIDI IN

MIDI OUT

XPK

Set the Tx MIDI channel at "3"(P.9)

**NOTE: The above example represents one possibility. The MIDI Channel assigned to Bass part may vary among different instruments.**

## Hook-up example 2: Bass instrument

This unit contains a built-in Sound Generator. Therefore, you can play this unit as a "stand-alone" bass instrument as well as a MIDI pedalboard.

To use the built-in Sound Generator of this unit, do the following:
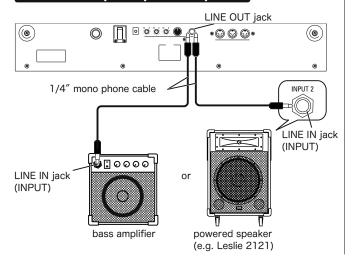
① Connect LINE OUT from the unit to the LINE IN of a bass amplifier, powered speaker (e.g. Leslie 2121, which is suitable for playing bass), or the LINE IN/

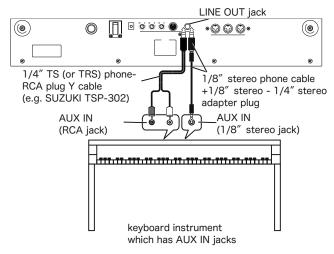AUX IN jack of a keyboard instrument. Use the cable types described in the figure below.

② Set both the VOLUME of this unit and the equipment to which you have connected to "0."

③ Turn the power to this unit "ON", then the power to the connected equipment.

④ Adjust the volume of both units as desired.

**NOTE: For more information on how to use the built-in Sound Generator, see P.8.**

### XPK + bass amplifier/powered speaker

LINE OUT jack

1/4" mono phone cable

INPUT 2

LINE IN jack
(INPUT)

LINE IN jack
(INPUT)

or

bass amplifier

powered speaker
(e.g. Leslie 2121)

### XPK + keyboard instrument

LINE OUT jack

1/4" TS (or TRS) phone-RCA plug Y cable
(e.g. SUZUKI TSP-302)

1/8" stereo phone cable +1/8" stereo - 1/4" stereo adapter plug

AUX IN
(RCA jack)

AUX IN
(1/8" stereo jack)

keyboard instrument
which has AUX IN jacks

## Hook-up example 3: MIDI Recording

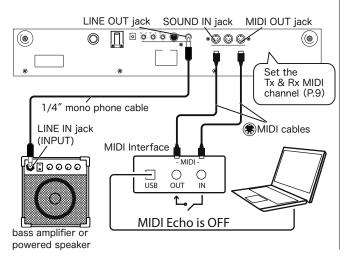To record and play back the performances using an external sequencer, do the following:

① Connect the unit as shown in either of the figures below, depending on the type of connection you wish.

② Set both the VOLUME of this unit and the equipment to which you have connected to "0."

③ Make sure the unit and the sequencer are set to the same MIDI Channel (factory setting is MIDI Channel 3).

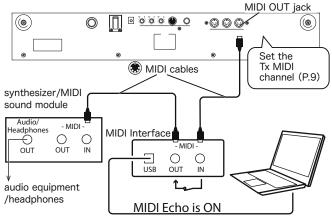**NOTE: You can change the MIDI channel of this unit. See P.9.**

④ Turn the power to the unit "ON," then the power to the equipment to which you have connected.

⑤ To avoid malfunctions due to a MIDI information loop, Set the sequencer's MIDI Echo to "OFF" as shown in the figure below on the left. If you are using the setup shown in the figure below on the right, set the sequencer's MIDI Echo to "ON" to cause the external synthesizer or module to sound.

**NOTE: For more information on how to use the built-in Sound Generator, see P.8.**

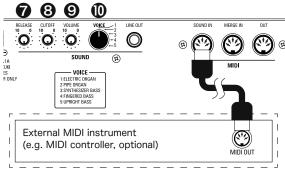### Using the internal Sound Generator

LINE OUT jack    SOUND IN jack    MIDI OUT jack

Set the
Tx & Rx MIDI
channel (P.9)

1/4" mono phone cable

LINE IN jack
(INPUT)

MIDI cables

MIDI Interface

- MIDI -

USB    OUT    IN

MIDI Echo is OFF

bass amplifier or
powered speaker

### Using an external synthesizer/MIDI sound module

MIDI OUT jack

Set the
Tx MIDI
channel (P.9)

MIDI cables

synthesizer/MIDI
sound module

Audio/
Headphones

- MIDI -

OUT    OUT    IN

MIDI Interface

- MIDI -

USB    OUT    IN

audio equipment
/headphones

MIDI Echo is ON

As mentioned previously, this unit has a built-in Sound Generator. The LINE OUT jack allows you to hear the audio from the built-in Pedal Voices. The following paragraphs explain each control on the unit related to the built-in Pedal Voices.



## Selecting a Pedal Voice

### ⑩ VOICE selector

Allows you to select one of the following 5 built-in Pedal Voices.

**1. ELECTRIC ORGAN**    electric organ.
**2. PIPE ORGAN**    traditional pipe organ Pedal registration.
**3. SYNTHESIZER BASS**    portamento & sweeping synth bass.
**4. FINGERED BASS**    electric bass guitar.
**5. UPRIGHT BASS**    acoustic or uplight bass (double bass).

## Adjusting the Sound

### ⑨ VOLUME knob

Allows you to controls the volume of the built-in Pedal Voices (LINE OUT). Turn this control to the right to increase the Volume, and to the left to decrease the Volume.

### ⑧ CUTOFF knob

Allows you to adjust the cutoff frequency. As the value is increased, the cutoff frequency becomes higher and the sound becomes brighter. Maximum is "10," minimum at "0."

### ⑦ RELEASE knob (Pedal Sustain)

Allows you to determine how long a pedal note will continue to sound after a pedal is released. As the value is increased, the release time becomes longer. At "0," the tone will stop immediately when a pedal is released.

**NOTE:** For details on the CUTOFF and RELEASE functions, see **tips** "ADJUSTING CUTOFF" and "ADJUSTING RELEASE" on the right.

## How to control the parameters by MIDI

You can also select Pedal Voices and control parameters from an external MIDI controller.

| | |
|---|---|
| **VOICE** | program change #1 to 5 |
| **CUTOFF** | control code #74 |
| **RELEASE** | control code #72 |
| **EXPRESSION** | control code #11 (crescendo and decrescendo) |

**NOTE:** The [VOLUME] is not digitally controlled.

Connect the MIDI controller to this unit as shown above, and set the MIDI channel of the unit to the same channel as the MIDI controller. You can then send the above MIDI messages from your controller.

**NOTE:** You can change the MIDI channel of this unit. See P.9.

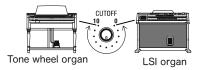Please consult the Manual for your MIDI controller to learn how to send MIDI parameters.

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### **tips** ADJUSTING CUTOFF

The CUTOFF control will affect different sounds in different ways. This is explained more fully below.

◆ ELECTRIC ORGAN
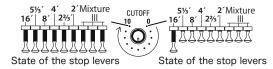
Maximum value will give a "tone wheel" sound, while minimum value will give an "LSI" organ sound (see below).
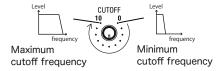


Tone wheel organ     LSI organ

◆ PIPE ORGAN

As the value is raised, you will hear sounds being added from low to high. The effect is that of stops gradually being added on a pipe organ (see the illustration below).
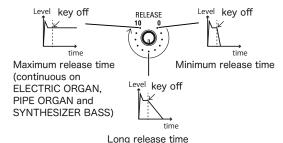


State of the stop levers    State of the stop levers

◆ Other voices

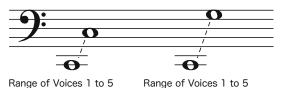Adjust the cutoff frequency. The more the value is raised, the higher the cutoff frequency will be.



Maximum cutoff frequency    Minimum cutoff frequency

### **tips** ADJUSTING RELEASE

The RELEASE knob works as follows.



Maximum release time (continuous on ELECTRIC ORGAN, PIPE ORGAN and SYNTHESIZER BASS)    Minimum release time

Long release time

### **tips** RANGE OF EACH PEDAL VOICE

As shown in the diagram below, the Note Ranges of the Pedal Voices are the same in all units; however, both the XPK-200G and the XPK-200GL will sound seven (7) more notes than the XPK-130G because of the expanded number of pedal notes.
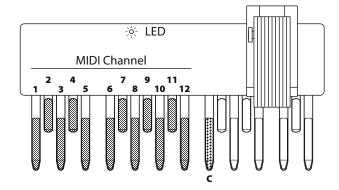


Range of Voices 1 to 5 on XPK-130G    Range of Voices 1 to 5 on XPK-200G/200GL

**NOTE:** Actual sound range is 1 octave lower than the notes written in the diagram above.

**NOTE:** Although this unit has only 13 or 20 notes, the built-in Pedal Voices can sound 4 full octaves (Note numbers 36 through 84) via SOUND IN.

## Setting the MIDI channel



This Advanced Feature allows you to change the MIDI Channel on which the unit transmits and receives. You can select from "1" through "12." The default setting is Channel "3."

To change the MIDI Channel, do the following:

**NOTE:** **Doing the procedure below will set both the transmitting and receiving MIDI Channel of the unit - in other words, you cannot set different MIDI IN and MIDI OUT Channels.**

① Press and Hold the high "C" pedal and the pedal corresponding with the MIDI channel you want (see the diagram on the left).

② Continue to hold the pedal keys and turn the power to the unit "ON."

The LED light on this unit will blink the same number of times as the number of the MIDI channel selected, indicating that the MIDI channel has been changed.

**NOTE:** **This setting will be remembered even if the power to the unit is turned "OFF."**

## The MIDI MERGE function

This unit is equipped with the MIDI MERGE function. This feature allows MIDI playing information received at the MERGE IN jack to be merged (blended) with the MIDI information from this unit and sent out from the MIDI OUT jack.

## ⚠Important notes on MIDI Merge

When you use the MIDI MERGE function, PLEASE NOTE several points.

### The MIDI messages to be merged

The MIDI MERGE function of this unit will only merge the channel messages. It does not merge system messages such as System Exclusive (SysEx) data or MIDI Clock data.

### Duplication of the MIDI channel

The Channels assigned to the MERGE IN must be different than the channel of the Pedalboard in order to provide correct data to the host keyboard.
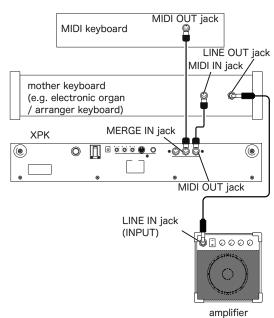
### The MIDI loop

If the MIDI information sent out the MIDI OUT jack of this unit returns to the MERGE IN jack or SOUND IN jack, a MIDI information loop occurs, causing a malfunction.

If the MERGE IN (or SOUND IN)/MIDI OUT of this unit and MIDI OUT/MIDI IN of the external equipment are connected, set the MIDI Echo function or the Local Control function of the external equipment to "OFF" to correct the problem.

**tips** **3 KEYBOARDS USING MIDI MERGE**

To connect 3 keyboards (Upper and Lower Manuals plus Pedals), connect both this unit and another MIDI keyboard to the mother keyboard using the MIDI MERGE function, even if the mother keyboard has only one MIDI IN jack. See the diagram below.
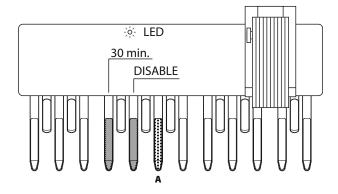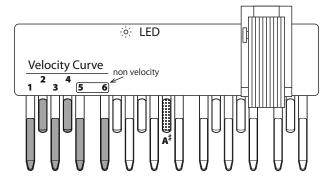
You can customize the operation of this unit with these Advanced Features.

**NOTE: These settings will be remembered even if the power to the unit is turned "OFF."**

## Auto Power OFF

☀ LED

30 min.

DISABLE

A

This allows you to select whether the unit will automatically turn "OFF" after 30 minutes, or stay "ON" continuously.

The default setting is "30 min."

To set this feature, do the following:

① Press and HOLD the "A" pedal key and the pedal corresponding to the setting value (see the diagram on the left). "30 min." and "DISABLE" are available.

> **30 min.** The unit will turn "OFF" automatically if not played or operated for 30 minutes.
>
> **DISABLE** The unit will stay "ON" continually.

② Continue to hold the pedal keys and turn the power to the unit "ON."

The LED on the top panel will blink 5 times, indicating that Auto Power OFF function setting has been changed.

## Velocity Curve

☀ LED

Velocity Curve

non velocity

1  2  3  4  5  6

A♯

This allows you to determine how the notes will respond to key velocity. You can select "1 ~ 6". The default setting is "5" (standard organ touch - the notes sound at the same volume regardless of a light or heavy note pressure), "1" is the most exaggerated velocity curve while "4" is a gentler curve. "2" and "3" are curves in between.
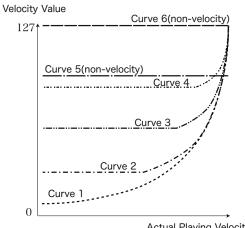
To select a Velocity Curve, do the following:

① Press and HOLD the "A♯" pedal key and the pedal corresponding to the Velocity-Curve you want (see the diagram on the left).

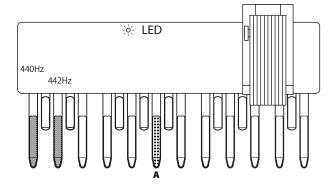② Continue to hold the pedal keys and turn the power to the unit "ON."

The LED on the top panel will blink according to the value you select, indicating that the Velocity-Curve has been changed.

**tips  VELOCITY CURVE**

A graphic of each Velocity Curve is shown below. Curve 1 is the most faithful to the actual pressing velocity, while at Curve 5 or 6, you can play with fixed velocity.

Velocity Value

127

Curve 6(non-velocity)

Curve 5(non-velocity)

Curve 4

Curve 3

Curve 2
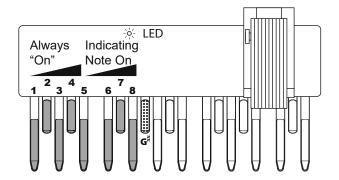
Curve 1

0

Actual Playing Velocity

## Master Tune



This allows you to change the master tuning of the built-in Sound Generator. You can select either "A=440Hz" or "A=442Hz." The default setting is "A =440Hz."

To change the Master Tune, do the following:

① Press and HOLD the "A" pedal key and the pedal corresponding to the master tuning frequency (see the diagram on the left).

② Continue to hold the pedal keys and turn the power to the unit "ON."

The LED on the top panel will blink three times, indicating that the unit's master tuning frequency has been changed.

## LED Brightness



This allows you to adjust the brightness level of the LED on the top panel. You can select from "1" (dim, always on) through "8" (bright, indicating Note On). The default setting is "8."

To change the LED Brightness, do the following:

① Press and HOLD the "G♯" pedal key and the pedal corresponding to the brightness level you want (see the diagram on the left).

② Continue to hold the pedal keys and turn the power to the unit "ON."

The LED on the top panel will blink according to the value you select, indicating that the LED brightness level has been changed.

## Load Default Values



To restore the factory default settings of this unit, do the following:

① Press and HOLD the "A♯", "B" and high "C" pedals (see the diagram on the left).

② Continue to hold the pedal keys and turn the power to the unit "ON."

The LED on the top panel will light momentarily then turn off for a second, indicating that the unit's factory settings have been restored.

# MIDI IMPLEMENTATION CHART

Hammond MIDI sound pedalboard
Model:
XPK-130G/XPK-200G/XPK-200GL

MIDI Implementation Chart

Date: 23-Jun.-2017
Version: 1.0

| Function | | Transmitted | Recognized | Remarks |
|---|---|---|---|---|
| Basic Channel | Default | 3 | 3 | |
| | Changed | 1 - 12 | 1-12 | |
| Mode | Default | 3 | 4 | |
| | Messages | X | X | |
| | Altered | ***** | X | |
| Note Number | | 36 - 48 | 36-84 | XPK-130G |
| | | 36-55 | 36-84 | XPK-200G/200GL |
| | : True Voice | ***** | | |
| Velocity | Note ON | O | O | |
| | Note OFF | X | X | |
| After Touch | Key's | X | X | |
| | Ch's | X | X | |
| Pitch Bend | | X | X | |
| Control Change | 11 | X | O | Expression |
| | 72 | O | O | Release |
| | 74 | O | O | Cutoff |
| Program Change | | O | O | |
| | : True # | 0 - 4 | 0 - 4 | Voice 1 - 5 |
| System Exclusive | | X | X | |
| System Common | : Song Position | X | X | |
| | : Song Select | X | X | |
| | : Tune | X | X | |
| System Real Time | : Clock | X | X | |
| | : Commands | X | X | |
| Aux Messages | : All Sounds Off | X | O | (120) |
| | : Reset All Controllers | X | X | (121) |
| | : Local On/Off | X | X | |
| | : All Notes Off | X | O | (123 - 127) |
| | : Active Sense | O | O | |
| | : Reset | X | X | |

Mode 1: OMNI ON, POLY    Mode 2: OMNI ON, MONO          O: Yes
Mode 3: OMNI OFF, POLY   Mode 4: OMNI OFF, MONO         X: No

| | XPK-130G | XPK-200G | XPK-200GL |
|---|---|---|---|
| **Sound Generator** | Virtual Analog Sound Generator (monophonic, 24bit 32kHz) | | |
| **Keyboards** | Velocity-sensitive13-note | Velocity-sensitive 20-note | Velocity-sensitive, wooden naturals*[1] 20-note |
| **Connections** | DC IN, MIDI OUT, MERGE IN, SOUND IN, LINE OUT | | |
| **User Controls** | VOICE, VOLUME, CUTOFF, RELEASE | | |
| **Dimensions*[2]** | 560(W) x 400(D) x 105(H)mm 22″(W)x 15.7″(D)x 4.1″(H) | 872(W) x 400(D) x 115(H)mm 34.3″(W)x 15.7″(D)x 4.5″(H) | 872(W) x 560(D) x 115(H)mm 34.3″(W)x 22″(D)x 4.5″(H) |
| **Weight*[2]** | 7.7kg, 16lbs | 12.7kg, 28lbs | 15.4kg, 33lbs |
| **Accessories** | AC adaptor    AD1-1210 series (120V)/    AD3-1210 series (220-240V) MIDI cable (2.0m) | AC adaptor    AD1-1210 series (120V)/    AD3-1210 series (220-240V) MIDI cable (2.0m) Expression Bracket 1,2 M4 x 5mm screws (2) ø4 x 8mm screws(2) Bracket Spacer | |

*[1] White keys only.
*[2] Excluding accessories.

# SERVICE

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 Manual, total accuracy cannot be guaranteed.

Should the owner 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:

In the United States contact:
**Hammond Suzuki USA, Inc.**
743 Annoreno Drive, Addison, Illinois 60101 USA
TEL:(630) 543-0277  FAX:(630) 543-0279
Web site: www.hammondorganco.com  /  E-mail: info@hammondorganco.com
**Product Registration**
http://hammondorganco.com/support/online-product-registration/

In European countries contact:
**Hammond Suzuki Europe B.V.**
Ir. D. S.  Tuynmanweg 4a    4131 PN Vianen   The Netherlands
TEL: (+31) 347-370594
Web site: www.hammond.eu  /  E-mail: info@hammond.eu
**Product Registration**
http://www.hammond.eu/support/online-product-registration/

For other countries contact:
**Suzuki Corporation**
2-25-11, Ryoke, Naka-ku, Hamamatsu, Shizuoka Pref. 430-0852 Japan
TEL : +81 53 460 3781   FAX : + 81 53 460 3783
E-mail:suzukicorp@suzuki-music.co.jp

Technical materials are available and can be obtained either by e-mail or by mailing a request to the appropriate address listed above marked ATTENTION: SERVICE DEPARTMENT.

Manufacturer :
**SUZUKI MUSICAL INST. MFG. CO., LTD.**
2-25-12, Ryoke, Naka-ku, Hamamatsu, Shizuoka Pref. 430-0852 Japan
TEL : +81 53 461 2325   FAX : + 81 53 463 5858