



Since1934



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Sk1

LIGHT WEIGHT KEY SOUND

Sk2



INSPIRE THE HEART.
INSPIRE THE MUSIC.



Sk1 / Sk2

**EVERYTHING A
KEYBOARDIST NEEDS!**

GENUINE HAMMOND ORGAN WITH NINE (9) ADJUSTABLE MECHANICAL DRAWBARS.
ORGAN & EXTRA VOICES CAN BE PLAYED SIMULTANEOUSLY.
A PALETTE OF HIGH QUALITY EXTRA VOICES THAT MODERN KEYBOARDISTS
DESIRE INCLUDING TRANSISTOR ORGANS, PIANOS (ACOUSTIC & ELECTRIC),
CLAVS, PIPE ORGAN, VINTAGE STRINGS SYNTH AND MORE.
GREAT PORTABILITY.
HAMMOND RELIABILITY!

AN ULTRA-PORTABLE **HAMMOND** ORGAN
Plus More THAT WILL GO ANYWHERE!

Sk1

61key Single Keyboard



7.0
kg
(15 lbs)

THE ULTRA-PORTABLE
DOUBLE MANUAL **HAMMOND**

Sk2

61key Dual Keyboard



16.0
kg
(35 lbs)



ORGAN SECTION

The SK series uses a "Virtual Tonewheel" system that is like the original B-3 without the moving parts, and the "Wave Composition" system is adopted in the transistor organ section to realize the most accurate sound quality and operability for each model.

In addition, SK series feature the majestic sound of the Classical/Church Pipe Organ. The SK series can be a part of the modern praise band, and do double duty on traditional liturgical music.



EXTRA VOICE SECTION

The EXTRA VOICE section comprises the non-organ tones of the SK series. You can allocate the Extra voices to either the upper or lower manuals.

The Organ and Extra Voice section can be played simultaneously.

High Quality Acoustic and Electric Pianos are included, in multiple varieties of popular voices.

Wind voices are also included, New voices will be able to be downloaded via the USB port.

Some Extra Voice instruments are set with the 'Prochord' function.

This allows complex voicings to be played with one finger, based on chords you play on the lower manual.



● TONEWHEEL SOUNDS

The classic unmistakable voice of the Hammond Organ, which derived its tone from Electromagnetic, mechanical tone wheels.

- BType1** The traditional Hammond organ sound here represented by the B-3/C-3.
- BType2** Vintage Hammond tone with more Wow, flutter and leakage noise.
- Mellow** Replicating the early eighties Hammonds which used electronically created sine waves instead of tonewheels.

● Transistor

Rock and Roll's other iconic organs.

- Vx** Born in G. Britain, but finding classic status in California. You can register this model precisely as you would the original.
- Farf** The Italian Classic, Second only to the Hammond Organ for rock and pop music.

● Pipe Organs

The "King Of Instruments" with its mighty sound.

- Pipe** The Pipes in a Pipe Organ are like hundreds of individual musical instruments. Some are made of metal, some of wood. Each pipe has a unique pitch and sound, together they make a grand tone!

● A.PIANO

Concert grand piano and Electric grand piano sounds are included.

● E.PIANO

Tine electric piano, Reed-driven electric piano and FM synth electric piano are included.

● KEYBOARD

Harpichord, Electric clavichord and Accordion and other fine sounds are included.

● WIND

Flute, Trumpet, Trombone, Saxophone and other wind instruments sounds are included.

● OTHER

Glockenspiel, Vibraphone, Strings keyboard, Synth pad and Synth lead sounds are included.

● LIBRARY

Upgradable via Library.



HAMMOND ORGAN

The Organ section features the traditional sounds of Hammond Chorus-Vibrato assignable to Upper and Lower Manuals independently. The enriched Digital Leslie effect has double Rotor models just as in a physical Leslie speaker.

● Drawbar

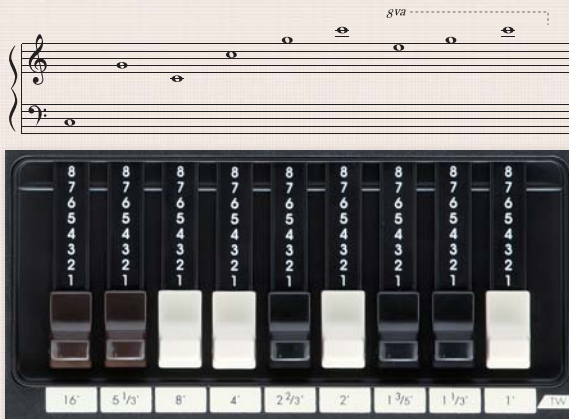
The 9 drawbars create the Organ voices. The “footage” markings are drawn from Pipe Organ tradition.

Each Drawbar has 9 positions.

The sound combinations are nine to the ninth power.

The total combinations available number 253,000,000.

The drawbar system has remained unchanged since the Hammond Organ was created in 1934.



The combination of drawbars creates the classic sounds of the Hammond organ.

The organ has 3 parts: upper, lower and pedal.

You can split the SK1 keyboard to play upper and lower voices as on a dual manual keyboard.

You can add an optional MIDI pedalboard to the SK2 to make it a complete “traditional” organ console.

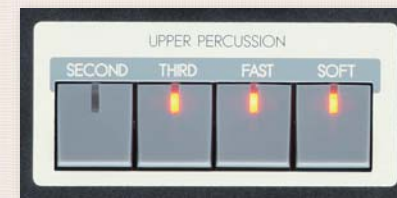


● Percussion

The authentic TOUCH-RESPONSE Percussion, as introduced on the B3 in 1955 is included on the SK series. There are two types of Percussion, SECOND and THIRD.

Pressing the SECOND button allows the 2nd harmonic tone to speak and the THIRD button allows the 3rd harmonic tone to speak.

The FAST button changes the speed of decay. The SOFT button changes the Percussion volume.



● Vibrato & Chorus

The Classic B3 Chorus Vibrato is included, with circuitry that models the original mechanical scanner circuitry introduced in 1945.

The familiar settings of V1 → V2 → V3. And C1, C2, and C3 can be chosen.

The Chorus effect combines a slightly detuned signal with the original to produce a lush and thick sound.

The Vibrato and Chorus effect is available independently for the upper and lower splits on the SK1 and upper and lower keyboards on the SK2.



● Leslie

Our latest and finest DIGITAL LESLIE is included on the SK series. The essential partner of the Hammond is yours now wherever you go! Both Upper and Lower rotors are simulated, giving the classic “Doppler Effect”. The SLOW and FAST buttons control the speed of the actual rotors.





HAMMOND

SK1

EFFECT

Two independent high-quality DSP units are aboard to provide Overdrive and other multi-effects to both the Organ and Extravoice Divisions.



Over Drive

The overdrive creates distortion as if an amplifier was being driven beyond its limits.

Tremolo

The Tremolo modulates the volume at a set cycle.

Auto Pan

Auto Pan applies adjustable modulation to the stereo field.

Wah-Wah

Wah-Wah applies a "speech-like" frequency response dynamically.

Ring Modulator

The Ring Modulator creates metallic-like sounds by taking the sum and difference of the fundamental tone and an adjustable second "ring" frequency.

Phaser

This creates a sound with a shifting tone focus, adding a twisting effect to the sound.

Flanger

This is a sweeping "Jet Airplane" type sound adjustable from a mild shimmer to a deep "swoosh".

Chorus

Different than the classic Hammond Chorus, this effect "thickens" the sound by adding a second, slightly detuned voice.

Delay

This is for adding echo effects.

Reverb

The Reverb effect entails the entire instrument, capturing the sound of playing in various types and sizes of rooms and halls. Spring and Plate reverb types are also included.

EQUALIZER

Every room has a different acoustic profile, and it is often necessary to compensate for this. The SK's MASTER EQUALIZER allows you to tailor the overall tonal profile of your instrument without changing the contents of the Patches.



BASS

Controls the Bass frequencies adjustable below 100Hz by ± 9 dB. The response is flat in the middle.

MID FREQUENCY

Controls which Mid-range frequency will be adjusted by the MID GAIN knob. The range is between 250Hz and 3.1kHz.

MID GAIN

Controls the gain of the frequency set by the MID FREQUENCY knob. The response is flat at the center.

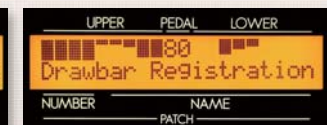
TREBLE

Controls the treble frequencies. Adjustable above 8kHz by ± 9 dB. The response is flat in the middle.

Easier Display

Each button on the top panel has a built in shortcut allowing programming and editing easier. The value can be displayed graphically when adjusting the effect knob during performing. It also includes the pop-up which displays the registration when adjusting the drawbar.

Pressing and holding any of the buttons on the top panel automatically jumps the display to the related function menu item.





OPERATION

● Patches & Favorite

There are 100 Factory and 100 User-adjustable presets, of which any 10 may be assigned to any of the 10 "Favorite" buttons on the front panel.



● MIDI Master Keyboard

External Zones are available to enable the SK1/SK2 to be used as a MIDI master keyboard. Bank, Program Change and other parameters can be accessed and preset in the function mode.

● Pedal Sustain

A popular option for playing the Pedals or Manual Bass is Pedal Sustain, which allows the Pedal voice to smoothly decay upon release, much in the manner of a string bass. Using the lowest note of the keyboard, you can play the Pedal parts together (Manual Bass).

● Music Player

A USB Flash Drive connector is built in on this instrument, which can be used for the music player, sound library, or for saving your setup. Common USB "Flash Drives" are adopted for easy access to your computer.



● Manual Bass

Allows the PEDAL part to be played on the lower half of the SK1 manual, or on the LOWER manual of the SK2.

● Split

You may "split" the SK1 keyboard to achieve "two manual" playing on the single 61-note manual. Each side of the keyboard can be shifted up or down one octave to facilitate easier play.

● Octave

Raises or Lowers each part by one octave. When changing octaves here, the status of the Octave is briefly shown on the display.

● Transpose

Allows you to shift the entire pitch of the keyboard ± 6 half steps to match singers, soloists, or to simplify key changes.

● LESLIE SWITCH (Optional accessory on SK2 only)

As the same as vintage model, you can control the speed of Leslie speaker by the CU-1 Leslie Switch.

● LOWER to PEDAL (SK2 only)

Couples the LOWER manual registration to the PEDAL Part.

CONNECT



● MIDI (MIDI IN / MIDI OUT)

The SK series prepared MIDI templates allow you to attach a Pedal keyboard, or External MIDI keyboard without having to address internal settings. You can have a weighted 88 note keyboard solely for the Extra voice and keep the SK1 keyboard for the Organ.

● Audio

Line out Jack L (MONO), R / Headphone Jack.

● Leslie (8 pin Jack)

Corresponds to 3 channel and 1 channel Leslie speakers. When using a 1 channel Leslie speaker such as the 3300, the stationary sound including extra voices is output from the Line out jack.

● Other (Foot Switch, Damper pedal, Expression pedal, USB)

You can connect two Foot Switches optional by using TRS to dual-mono phone plug cable or dual type footswitch.

Extension

3 MIDI Pedal boards connectable to SK1 & SK2.



● MIDI Pedal boards
XPK-200L



● MIDI Pedal boards
XPK-200



● MIDI Pedal boards
XPK-100

Accessories

● Expression Pedal
EXP-50



● Leslie Switch
CU-1



● Footswitch
FS-9H



● 8 Pin Leslie Cable
LC8-7M



● Soft case for SK1
SC-SK1



● Soft case for SK2
SC-SK2



Leslie



● Stationary Speaker
SPA-150R-L



● Leslie Rotary Unit
2101mk2



● Leslie Rotary Unit
2103mk2

Specifications

Sk1 / Sk2

Sound Generator	【Organ Section】	2- VASE III as Digital Tone-Wheels, transistor organ and Pipe Organ	Controllers	【Volumes】	Master Volume, Music Volume, Extra Voice Volume	
		61 polyphony (for manual keyboard, except Pipe Organ)		【Switch】	Power On/Off	
		8 polyphony (for pedal, except Pipe Organ)		Music Player	【File Format】	WAV (44.1KHz, 16bit Stereo), MP3 (44.1KHz, 128Kbps, Stereo)
		63 polyphony (maximum, on Pipe Organ)		【Control】	Song, Play/Pause	
	【Extra Voice Section】	VASE III 63 polyphony (maximum)	Storage	USB Flash Drive		
Keyboards	C1 to C6 61-keys (SK1)		Display	20 Characters, 2 Lines		
	2 × C1 to C6 61-keys (SK2)			Control switch: 8		
Harmonic Drawbars	1 set of 9 Pitches assignable for Upper, Pedal, Lower		MIDI	【Templates】	9 Templates (SK1), 5 Templates (SK2)	
	【Voicing】	Manuals: 6 choices (B-Type1, B-Type2, Mellow, Vx, Farf, Pipe), variable Key-click Pedal: 4 choices (Normal, Muted, Synth1, Synth2), 5 choices key-click		【External Zones】	3 Zones, assignable to any keyboard	
Touch Response Percussion	【Buttons】	Second Harmonic, Third Harmonic, Fast Decay, Volume Soft Display	Connections	【MIDI】	In, Out	
	【Adjustable】	Touch, Velocity, Decay (Fast, Slow), Level (Normal Soft)		【Audio】	Line Out, L, R, Headphones	
Extra Voice	【Instruments】	6 Groups (A. Piano, E. Piano, Keyboard, Wind, Other, Library) Upgradable via Library		【Leslie】	8 pin, 1 and 3 channels available	
	【Control】	Allocate Upper/Lower, Solo, Group		【Other】	Foot Switch, Damper Pedal, Exp. Pedal, DC IN (12V)	
Effects	【Vibrato and Chorus】	Digital Scanner Buttons: 1, 2, Chorus, Upper On, Lower On	Dimensions	SK1: 89.4 cm (W), 30.3 cm (D), 9.9 cm (H) (35 1/4" x 11 7/8" x 3 7/8")		
	【Overdrive】	Digital, 4 programs		SK2: 94.4 cm (W), 45.4 cm (D), 17.0 cm (H) (37 1/8" X 17 7/8" x 6 3/4")		
		Controls: On, Amount	Weight	SK1: 7 kg (15.43 lbs)		
	【Multi Effects】	8 programs for Organ/Extra Voice Individually		SK2: 16 kg (35.27 lbs)		
		Controls: On, Amount	Accessory (included)	AC Adaptor (AD3-1250) 100-240V (Power consumption 10W)		
	【Equalizer】	For Organ: Bass, Mid (sweep), Treble, Tone For Extra voice: Bass, Mid (sweep), Treble				
	【Internal Leslie】	Advanced Digital, 2 Rotors Buttons: Bypass, Stop, Fast				
	【Reverb】	Digital, 11 programs Control: On, Depth				
	【Master Equalizer】	Control: Bass, Mid Gain, Mid Frequency, Treble				
	Keyboard Functions	【Buttons】	Manual bass, Split (only SK1), Lower to Pedal (only SK2), Octave up, Octave down, Lower, Transpose			
【Adjustable】		Coupler highest note, Split point				
Patches	【Capacity】	100 User Patches, 100 Preset Patches, manual				
	【Favorites】	10 buttons				
	【Patch Load Options】	Drawbar Registration, Drawbar Parameters, Extra Voice, Internal Zone, External Zone, Organ Effects, EXV Effects, Reverb				