

# American Organ Sales, Inc.

*The Sound Choice for New Hammond Organs*

## **Hammond Portable B-3** *Designed for the Touring Professional*



### ***PORTABLE B-3***

*The Portable B-3, like the NEW B-3 is an exact digital duplication of Hammond's original B-3. Except now you'll enjoy the ability of being able to take your instrument with you whenever you want. It comes in several lightweight components making it easy to set up and take down.*

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### **PURE Hammond**

Since its introduction in 1955, the Hammond B3 has become the essential performance tool for the world's great keyboard player. The instantly recognizable B3 sound is synonymous with the world of popular music, while no concert state would seem complete without a B3's imposing wooden cabinet.

### **B3 design specifications**

Now, for the first time Hammond has exactly replicated the original B3 design specifications with the introduction of the NEW B3.

### **Sound generator system**

The unique B3 sound is reproduced by a revolutionary newly designed sound generator system (96DigitalToneWheels™), which recreates all of those wonderful idiosyncrasies of the Tone wheel generator which have eluded all previous digital systems.

### **Waterfall keys & harmonic drawbars**

Two, 61 note, B3 style, waterfall keys, keyboards allow for the essential performance characteristics of the Hammond masters, especially effortless palm glissandos. While four complete sets of nine traditional harmonic drawbars and twenty four reverse color key presets achieve total ease of set up.

### **Mechanical multi-contact system**

It is by utilizing several tone varying features that the B3 performs so uniquely. Upper and lower pitch foldback subtly effects the overall sound, while, probably, the most important and interesting feature is the nine key contact system operating in each key. These contacts connect from each of the nine drawbar pitches and by pressing a key slowly each

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## **American Organ Sales, Inc.**

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pitch level can be determined, high to low. This system created the earliest form of touch response for tone variance as well as expression. This mechanical contact system is also responsible for Hammond's famous key click noise, an unintended feature that became an essential component of the B3 character. The NEW B3 incorporates a complete mechanical contact system, totally unique in a modern instrument.

### B3 expression curve

Sound dynamics are controlled by an exact copy of the original B3 expression curve incorporated in the new instruments foot volume controller.

### B3 Specifications

	Original B-3	"New B-3/C-3"	"New" Portable B-3
● <b>Keyboard</b>	61-61-25	61-61-25	61-61-25
● <b>Preset Key</b>	12 keys Mechanical Latch	12 Keys Mechanical Latch	12 Keys Mechanical Latch
● <b>Swell (Upper)</b>	9 pitches 2 sets	9 Pitches 2 Sets	9 Pitches 2 Sets
● <b>Great (Lower)</b>	9 pitches 2 sets	9 Pitches 2 Sets	9 Pitches 2 Sets
● <b>Pedal Drawbars</b>	2 pitches	2 Pitches	2 Pitches
● <b>Percussion</b>		Second Harmonic Third Harmonic Fast Decay Percussion Soft	Second Harmonic Third Harmonic Fast Decay Percussion Soft
● <b>Preset Memory</b>	Change by preset panel	Compact Flash Card	Compact Flash Card
● <b>Key Method</b>	Direct Analog Keying	Direct Analog Keying	Direct Analog Keying
● <b>Contact</b>	9-Mechanical contacts	10-Mechanical Contacts + Rubber Contacts w/Velocity	10-Mechanical Contacts + Rubber Contacts w/Velocity
● <b>Polyphony</b>	Full Polyphony	Full Polyphony	Full Polyphony
● <b>Generator (Manual)</b>	91 - Tone Wheels	96-Digital Tone Wheels	96-Digital Tone Wheels
● <b>Gen. Waveform</b>	Fixed	Changeable By Cfcad (Flash ROM)	Changeable By Cfcad (Flash ROM)
● <b>Generator (Pedal)</b>	Tone Wheels	VASE II	VASE II
● <b>Vibrato/Chorus</b>	V1, V2, V3, C1, C2, C3 Swell On, Great On	V1, V2, V3, C1, C2, C3 Swell On, Great On	V1, V2, V3, C1, C2, C3 Swell On, Great On
● <b>Leslie</b>	Slow, Fast	Slow, Stop, Fast	Slow, Stop, Fast
● <b>Control</b>	--	Overdrive, Master Volume, Reverb, Exp. Pedal with Foot Switch, Pedal Sustain	Overdrive, Master Volume, Reverb, Exp. Pedal with Foot Switch, Pedal Sustain
● <b>Tone Control</b>		Bass, Treble	Bass, Treble

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● <b>Inputs/Outputs</b>	Phono Input 6 Pin Leslie Socket	Line In, Line Out 11 Pin Leslie Socket x 2 Headphone Midi Out	Line In, Line Out 11 Pin Leslie Socket Headphone Midi Out
● <b>Key Memory Slot</b>	--	Compact Flash Card	Compact Flash Card
● <b>Display</b>	--	20 x 2 Digits Lcd	20 X 2 Digits Lcd
● <b>Weight</b>	419 lbs (190 kgs)	209 Lbs (95 Kgs)	209 Lbs (95 Kgs)
● <b>Dimension</b>	48" x 29" x 38"	Same As Original B3	52" x 29" x 38"
● <b>Locking Keyboard Cover</b>		Included	
● <b>Cabinet Finish</b>		Red Walnut	Red Walnut, Silver and Black
● <b>Option</b>		Main/Echo Switch	Main/Echo Switch
● <b>Warranty</b>		5 Year Limited	5 Year Limited

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