

# American Organ Sales, Inc.

*The Sound Choice for New Hammond Organs*

## Hammond C3

*The all New C-3, contains all of the features found on the NEW B-3, but with the addition of an enclosed church cabinet. The NEW C-3 now has a removable modesty panel.*



### ● PURE HAMMOND

An instrument of enormous power and beauty. Widely used in churches and in the homes of discriminating organists. Its vibrant, majestic tone coupled with its simple straight lines and closed cabinetry are perfectly matched for a dignified presentation of the complete range of organ music as well as a magnificent variety of true liturgical tones.

### ● C3 DESIGN SPECIFICATIONS

Now, for the first time, Hammond has exactly replicated the original B3/C3 design specifications with the introduction of the C3.

### ● SOUND GENERATOR SYSTEM

The unique C3 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, C3 style, waterfall key, 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 C3 performs so uniquely. Upper and lower pitch foldback subtly affects the overall sound, while, probably the most important and interesting feature is the nine key contact system operating on each key. These contacts connect from each of the nine drawbar pitches and by pressing a key slowly each 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 C3 character. The C3 incorporates a complete mechanical contact system, totally unique in a modern instrument.

### ● C3 EXPRESSION CURVE

Sound dynamics are controlled by an exact copy of the original B-3 expression curve incorporated in the new instruments foot volume controller.

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## American Organ Sales, Inc.

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## Hammond C-3

### *C-3 SPECIFICATIONS:*

	"New C-3"	Original C-3
● <b>Keyboard</b>	61-61-25	61-61-25
● <b>Preset Key</b>	12 Keys Mechanical Latch	12 Keys Mechanical Latch
● <b>Swell (Upper)</b>	9 Pitches 2 Sets	9 Pitches 2 Sets
● <b>Great (Lower)</b>	9 Pitches 2 Sets	9 Pitches 2 Sets
● <b>Pedal</b>	2 Pitches	2 Pitches
● <b>Preset Memory</b>	Compact Flash Card	Change By Preset Panel
● <b>Key Method</b>	Direct Analog Keying	Direct Analog Keying
● <b>Contact</b>	10-Mechanical Contacts + Rubber Contacts w/Velocity	9-Mechanical Contacts
● <b>Polyphony</b>	Full Polyphony	Full Polyphony
● <b>Generator (Manual)</b>	96-Digital Tone Wheels	91 - Tone Wheels
● <b>Gen. Waveform</b>	Changeable By Cfcard (Flash ROM)	Fixed
● <b>Generator (Pedal)</b>	VASE II	Tone Wheels
● <b>Vibrato/Chorus</b>	V1, V2, V3, C1, C2, C3 Swell on, Great on	V1, V2, V3, C1, C2, C3 Swell on, Great on
● <b>Leslie</b>	Slow, Stop, Fast	Slow, Fast
● <b>Control</b>	Overdrive, Master Volume, Reverb, Exp. Pedal with Foot Switch, Pedal Sustain	Exp. Pedal
● <b>Tone Control</b>	Bass, Treble	Tone
● <b>Inputs/Outputs</b>	Line In, Line Out 11 Pin Leslie Socket X 2 Headphone Midi Out	Phono Input 6 Pin Leslie Socket
● <b>Key Memory Slot</b>	Compact Flash Card	--
● <b>Display</b>	20 X 2 Digits Lcd	--
● <b>Weight</b>	209 Lbs (95 Kgs)	419 Lbs (190 Kgs)
● <b>Dimension</b>	Same As Original C3	Same As Original C3
● <b>Locking Keyboard Cover</b>	Included	Included
● <b>Cabinet Finish</b>	Red Walnut	Various
● <b>Option</b>	Main/Echo Switch	Main/Echo Switch
● <b>Warranty</b>	5 Year Limited	

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