

the Laurens Hammond



MODEL 346/350

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MODEL 346



LAURENS HAMMOND MODELS 346/350

Dedicated to the memory of Laurens Hammond, this dramatic new console offers distinctive sounds and innovative features which you would expect from the leaders in the industry. It has been more than half a century since Laurens Hammond launched the organ industry with the first electric organ. While many of the sounds and controls have remained the same, the Laurens Hammond model is dedicated to the spirit which the name Hammond demands--the desire to incorporate the best new technology and the unwavering commitment to high quality.

The sound of this organ is better than ever before, incorporating microprocessor control and digital synthesis in exciting new features such as The Instrumentalist and The Orchestrator. Even the Auto Vari rhythm uses digital playback of actual percussion sounds, to ensure the utmost in realism.

HAMMOND SOUND

For over fifty years, the Hammond Organ has been recognized as a leader in organ sound. Often imitated but never duplicated -- your Hammond is different from other organs because of its unique Harmonic Tonebars.

DIGITAL RHYTHM

A new height of realism is added to your playing with the all new "Digital Rhythm Section". The sixteen basic patterns were created by a studio percussionist playing nineteen different percussion instruments which were recorded digitally.

The authentic percussion sounds -- from bass drum to bongos to cymbals to hand claps -- are only surpassed by the realistic patterns created in the only manner acceptable for this instrument, an actual recorded performance of the sixteen patterns with four variations of each. The addition of pre-programmed rhythm breaks to each pattern add up to two full measures of an actual drum solo for use as breaks, introductions and endings.

TEMPO DISPLAY

When using your new Hammond Digital Rhythm Section, the actual beats per minute are displayed when you set the rhythm speed by using the Tempo Slider. Tempo is indicated from fifty to three-hundred beats per minute, giving the performer extreme accuracy in tempo settings.

When no rhythm button is engaged, the Tempo Display serves as a full function digital clock, displaying the time of day.

INSTRUMENTALIST

Realistic timbre and authentic attack is achieved in the thirteen computer-controlled synthesizer voices of the Instrumentalist. Actual digital recordings of each instrument are reproduced authentically by a sophisticated digital playback system.

These authentic sounds range from the reedy clarinet, the breathiness of a jazz flute, to the electric guitar and ten other equally authentic voices. These sounds can be activated one at a time and are playable from either the upper, lower or pedal keyboards. Additional controls allow the player to add delayed vibrato and have complete control over the volume of the Instrumentalist.



THE ORCHESTRATOR

The Orchestrator, working in conjunction with the digital rhythm unit, provides a custom accompaniment and bass pattern for each different rhythm. These realistically scored accompaniments, written by a well-known studio arranger, provide all styles from swing to more contemporary patterns. The combination of the Orchestrator and the digital rhythm unit with other features of your new Hammond, will create new and exciting dimensions for the novice as well as the professional.

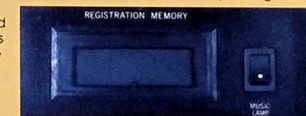


PROGRAMMABLE PRESETS

A score of your very own preset combinations are readily available at the touch of a button. The Hammond Cartridge Memory system allows you to program twenty different presets for each cartridge. You can create multiple sets of registrations to fit every mood and desire.



For total flexibility in registration, you can include any tab voices, preset keys, Tonebars, animation and additionally the volume level of each of these features. Even the most complex registrations can be captured and saved in this unique cartridge memory.



EASY PLAY

Play like a Pro with 48 one finger chords, walking bass and memory.



PRO-CHORD

This feature has been expanded to offer you a choice of either open harmony, closed harmony or octaves with the touch of one finger.



MODEL 350

SPECIFICATIONS

- **Multiplex Synthesis Technology**
- **Two 61-Note Keyboards**
25 Pedals
- **Harmonic Tonebars**
Two sets of 9 Harmonic Tonebars for each keyboard
- **Accents**
Variable Repeat, Percussion Fast, Pro Chord, Open, Closed and Octave
- **Poly Synthesis Percussion**
2nd, 3rd, 5th, Harmonics, Vibraharp, Chime Solo, Glock
- **Brite Percussion**
Dual Voice, Electric Piano, Banjo, Harpsichord, Honky Tonk Piano, Piano, and Solo Piano
- **Upper Manual Voices**
Tuba 16', Post Horn 8', Kinura 8', Diapason 8', Violin 4', Clarinet 16'
- **Lower Manual Voices**
Diapason 8', Horn 8', Violina 4', Vox Humana 8'
- **Pedals**
16' and 8' Tonebars, Pedal Sustain (variable), Electric Bass, String Bass, Tuba 16', Pedal Mute Lower to Pedal
- **Easy Play Group**
Variable Bass Walk, Memory, One Finger Chords
- **Autochord***
- **Digital Rhythm**
16 rhythms each with four variations, Measure Selector, Tempo Selector, Volume Selector, Touch Selector, Touch Tempo* Rhythm Break, Continuous/Touch Start, Foot switch Reset
- **Animation**
Leslie Upper, Leslie Lower, Leslie Reverb, Leslie Chorale, Vibrato Upper/Lower, Vibrato Small, Delayed Vibrato, Tonebars
- **Variable Reverb**
- **Brilliance, Volume Soft**
- **Philharmonic Strings™**
Upper manual features 16', 8', and 4' Strings and Variable Volume, Lower 8' and 4'
- **Fascinating Fingers**
Patterns: Zig, Single, Up/Down, Voices: Piano, Zither
Variable Volume
- **Instrumentalist**
- **Orchestrator**
- **Pro Foot™**
Piano Solo, Dual Voice, Leslie Speed, Rhythm Break, Piano Sustain
- **Sustain**
Variable Upper Manual, Variable Lower Manual, Variable Pedal
- **Piston Presets**
Five illuminated presets to register the entire organ
- **Preset Keys**
Eleven reverse preset keys to control flexibility of upper and lower manuals and tonebars. Four programmable presets load, player, tonebar cancel
- **Headphone Jack**
- **Speakers – 346**
One 15", One 8", One 6½" speaker
One 6" x 9" Leslie Rotasonic, 2 Tweeters
350 - External 750 Leslie Tone Cabinet
- **Power Amplifiers**
2-50 watt, 2-20 watt
- **Dimensions**
53½" L, 51½" H (music rack up), 28¾" D
- **Weight**
441 pounds, including pedals and bench



Leslie

Model 751
Tone Cabinet
included with
Model 350

Specifications
for Speaker:
42" H x 30" W x 21" D
165 pounds
Walnut Finish

*Pro Foot, Dual Voice control
replaced with Orch/Chord



HAMMOND ORGAN

A MEMBER OF THE MARMON GROUP OF COMPANIES

"OFTEN IMITATED. NEVER DUPLICATED."

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