

The Complete Church Organ



Model : 935

Performance, Quality, Versatility and Prestige

The role of music in worship can hardly be understated, and the organ has been the primary instrument in churches throughout history. Laurens Hammond invented his organ over 75 years ago as a low-cost alternative to a pipe organ, and today's Model 935 continues that idea. As the Church introduces more and more modern music into its service, a more versatile organ is needed.



Closing and Locking Top provides protection for your instrument in public places.

Model 935

The Hammond Model 935 combines the best of both worlds. Thirty-two equivalent ranks of sampled American Classic Pipe Organ voices share the specification with a full-featured Hammond Organ plus a 383 voice General MIDI division. The radiating and concave 32 note pedalboard will permit any organist to feel right at home. The three divisions may be played separately or in combination, insuring that the 935 will handle any musical assignment an organist might need.

As shown on this page, the ideal companions for the Model 935 are a pair of Leslie 971s with added Model 525 speakers. This system will provide a majestic and inspiring stereo sound for any church, of any denomination.



Features

HAMMOND HARMONIC DRAWBARS



The Hammond harmonic drawbars are the cornerstone for the famous and very recognizable "Hammond Sound". The wide range of pure harmonic tones, offered on both the upper and lower manuals, permit almost infinite tone combinations.

INFORMATION CENTER

The Information Center is located on the left side of the lower manual. The Center is used to select Advanced Features such as Drawbar and Preset



Characteristics, facilitates the playing or recording of a song (via the disk drive), and recording of load Settings data. In addition, the Characteristics of various functions of the organ can be changed such as Pipe Tonal Characteristics, Extra Voice selections, etc.

MIDI

The Hammond 935 Classic Organ has the most powerful MIDI implementation to be found on a church organ. The 935 can perform in any MIDI environment. SEND and RECEIVE channels are programmable, and the manuals can be "mapped" to selectively play the internal voices or voices from a connected MIDI device.

PERCUSSION EFFECTS

Touch Response Percussion gives the player the ability to alter the percussion effect by the way the key is pressed. Touch tabs are provided for Second and Third Harmonic percussions, Fast Decay, and Percussion Soft effects.



TONAL RESOURCES



The resources of a traditional pipe organ are represented on the Hammond 935 Classic Organ, with a wealth of organ voices very carefully chosen and voiced to give the distinctive "American organ" sound. All four families of organ tones are represented, enabling every type of classical organ literature to be rendered exactly as written. In addition, a full selection of orchestral voices such as Grand Piano, Strings and Choir is included to allow the rendering of contemporary orchestral arrangements.

PRESET



Thirteen Combination Presets x six Banks are available for Swell, Great and Pedal divisions for each of four different organists. These presets can be easily programmed with your own settings.

DISK DRIVE

The disk drive is located under the lower manual on the right side of the organ. The disk drive is used to record and playback songs and to store preset banks. In addition, the drive can be used to read and playback General MIDI sound disks.



Leslie-Ready

Housed in a beautiful matching oak finish cabinet, is especially designed to enhance the sound of the Hammond 935 Classic Organ. The rotors can be operated in three modes -
Fast (Tremolo)
Slow (Chorale)
Off (Stop)

Leslie 525 and 971
Oak finish



Classic Organ 935 Specifications

Sound Generator

Pipe and Extra Voice

4 x VASE III
(256 note polyphony)

Drawbar and Percussion

1 x VASE III
(64 note polyphony)

Keyboards

Swell 61 notes (C1 to C6)

Great 61 notes (C1 to C6)

Pedal 32 notes, radial concave

Stops

Pedal

Pedal On
Contra Violone 32
Principal 16
Bourdon 16
Octave 8
Gedeckt 8
Choral Bass 4
Mixture IV
Fagott 16
Trompette 8

Swell

Swell On
Bourdon Doux 16
Open Diapason 8
Holz Gedeckt 8
Gamba 8
Voix Celeste 8
Octave 4
Flauto Doice 4
Nazard 2 2/3
Flautino 2
Mixture III
Contra Trompette 16
Hautbois 8

Vox Humana 8

Great

Great on
Montre 8
Rohr Flute 8
Prestant 4
Harmonic Flute 4
Aeoline 4
Twelfth 2 2/3
Principal 2
Cornet V
Mixture IV
Trompette 8
Clarinet 8
Adjustable Pipe Parameters
Volume, Detune, Chiff, Cut
Off, Pan Direction, Pan
Image
Sequencer
Record, Play/pause, Stop/
Rewind
Harmonic Drawbars
Swell
9 pitches,
B-type/Mellow/Brite
Great
9 pitches,
B-type/Mellow/Brite
Pedal
2 pitches, Muted / Normal
Percussion
Tabs
Second On, Third On,
Fast Decay, Soft
Adjustable
Touch, Velocity, Decay,
Level

Extra Voice

383 GM Sounds/10 Drum
kits
Compatible with General
MIDI Level 1
Swell
Swell Extra
Swell Piano
Swell Strings
Great
Great Extra
Great Chime
Great Strings
Pedal

Pedal Extra
Pedal Strings
Pedal Timpani

Tuning

Master
430 - 450 1Hz Steps
Drawbar
Tonewheel / Equal Temp
Pipe/Drawbar/ExV
Fine Tune \pm 63 cents
Transpose
 \pm 6 semitones

Effects

Internal Leslie
Digital, 2 Rotors (Drawbar)
Vibrato and Chorus
V1, V2, V3, C1, C2, C3
Swell and Great On/Off
(Drawbar)
Speed: 5(6.10 - 7.25Hz)
Reverb
8 Programs (Pipe and
ExV1)

8 Programs (Pipe and ExV2)

9 Programs (Drawbar)

Chorus

8 Programs (ExV)

Delay

9 Programs (ExV)

Sustain

5 Lengths (Drawbar and ExV)

Tremulant(Pipe)

Swell, Great, Pedal On/Off
Mode: All, DpFl/St, Reed
Adjustable Rate and Depth

Couplers

Swell to Pedal
Great to Pedal
Swell to Great
Melody Coupler
Manual Bass

Combination Presets

6 Banks x 13 Presets
Panel memory, Cancel

Controllers

Switches

Power On/Off
Music Light On/Off
Sliders

Sliders

Master Volume
Reverb Depth
Pipe Volume
Extra Voice Volume

Foot Controllers

Expression Pedal with Foot
Switch

Display

20 characters, 2 lines with
12 Control Switches

Disk Drive

3.5" Floppy Disk drive 2
mode
Both song and Setup

MIDI

Templates: 4 modes
Zoned 3 parts / keyboard
(shared with Extra Voice)
Keyboard ch. Drawbar ch,
Expression ch

Connections

Front Panel

Headphone, Leslie Switch,
CU-2 Controller

Rear Panel

Line In L, R,
Line Out, L/Mono, R, Bass
Mic In with volume,
MIDI In, Out, Thru,
11-Pin Leslie,
DC Out 12V

Amplification

2 - 80W RMS Amplifiers
1 - 100W RMS Amplifier

Speakers

2 - 8" & 3 - 6" Full Range
3 - 3" Tweeters, 1 - 15"
Woofer

Dimensions

52"(W), 29"(D), 43"(H)
Console only
52"(W), 51"(D), 51"(H)
With pedal

Shipping Weight

430 lbs (Organ + Bench),
70 lbs (Pedal)

Hammond's Praise and Worship Organ



Model : A-405 Console Organ

The New A-405 has all the traditional Hammond features plus 880 modern orchestral, synth, percussion and piano voices. The A-405 features a high-quality built-in sound system that will more than adequately fill a small church or chapel, with an onboard advanced digital LESLIE™ system that services the Drawbar voices. The A-405 has a locking keyboard cover.

The Model 920 shares all the sonic features of the A-405, except a 13-note pedalboard, slightly smaller on-board sound system, and no locking keyboard cover. Both Organs are priced so that any Church can afford true Hammond sound and quality.



Model : 920 Spinet Organ



Model : A-405



Model : 920

13-note pedalboard



Features

HAMMOND HARMONIC DRAWBARS



The A-405 and 920 organ contain one set of nine adjustable drawbars for each manual. In addition, two adjustable drawbars are provided for the pedals. The Hammond Harmonic Drawbar is the cornerstone for the famous and recognizable "Hammond Sound."

PERCUSSION EFFECTS

Touch Response Percussion

provides the ability to alter the percussion effect by the way the key is pressed. Touch tabs are provided for Second and Third Harmonic Percussions, Fast Decay, and Percussion Soft effects.



PRESETS

Nine programmable Presets are available for Swell, Great, and Pedal Divisions. These Presets can easily be programmed with your own settings.

EXTRA VOICE

The A-405 and 920 models feature an EXTRA VOICE division consisting of 880 high-quality voices that include realistic Pianos, Electric Pianos, Orchestral voice (String/Wind/Brass), Synth, and Percussion/Drum kits. Extra Voice selections are saved in the combination presets, and you can toggle the Extra Voices to sound on the Upper, Lower and Pedal keyboards from the three touch tabs on the drawbar rail.

MIDI

The A-405 and 920 organ can perform in virtually any MIDI environment. SEND and RECEIVE channels are programmable. The manuals can be "mapped" to selectively play the internal voices or voices from a connected MIDI device.

CF CARD



The Compact Flash card is used to record and store personal preset banks or complete performances as well as the playback of Standard MIDI data files (SMF).

HAMMOND CHORUS-VIBRATO

A pair of touch tab switches are provided to turn the Chorus Vibrato On or Off on either the swell or great manuals, or both. A six-position rotary control provides three degrees of Vibrato (V1-V3) and three degrees of Chorus (C1-C3).



INFORMATION CENTER

The Information Center allows the changing and editing of the organ's software parameters such as Sustain length, Drawbar voicing, MIDI parameters, and other advanced functions.



PITCH BEND & MODULATION WHEEL

The Pitch Bend

Wheel allows you to raise or lower the pitch of the drawbars and Extra Voices up to 12 half steps. The Modulation Wheel is used to add Modulation to Extra Voices and to send MIDI Data to a connected MIDI device.



LESLIE READY

The model 525 and 971 Leslie Speaker has been designed to enhance the sounds of the A-405 organs. The rotors can be operated in three modes -
Fast (Tremolo)
Slow (Chorale)
Off (Stop)
Red Walnut finish



A-405/920 Specifications

Sound Generator

Drawbars
2- VASE III (61 note polyphony)

Extra Voice
80 note polyphony

Manuals

Swell C1 to C6 61-key
Great C1 to C6 61-key

Pedal Keyboard

A-405: 25-note, radiating, detachable
920: 13-note attached

Harmonic Drawbars

Swell 9 Pitches
Great 9 Pitches
Pedal 2 Pitches
Drawbar Voicing – Manual 5 choices
Drawbar Voicing – Pedals 4 choices

Touch-Response Percussion

Buttons
Second Harmonic, Third Harmonic,
Fast Decay, Volume Soft

Adjustable Parameters
Touch, Velocity, Decay (Fast, Slow),
Level (Normal, Soft)

Extra Voice

Instruments
880 Instruments, 56 Drum Kits
General MIDI upper compatible

Parts

1 Part per keyboard

Effects

Internal Leslie
Advanced Digital, 2 Rotors
Buttons, On, Fast

Vibrato and Chorus

Digital Scanner
Rotary Mode Knob: V1, V2, V3, C1, C2, C3
Buttons: Swell On, Great On

Overdrive

Advanced Digital

Equalizer

Drawbars: Bass, Mid & Treble tone
Extra Voice: Bass, Mid & Treble tone

Reverb

Continuously Variable
Digital, 10 programs

Pedal Sustain

5 lengths
Button: Pedal Sustain On

Tuning

430 – 450 1Hz. Steps

Transpose

-6 to +6 semitones

Coupler (Buttons)

Pedal to Great, Great to Pedal

Combination Presets

9 Banks, 9 Presets

Controllers

Volumes
Master Volume, External Volume,
Extra Voice Volume

Wheels

Pitch Bend, Modulation

Pedal

Expression Pedal w/1 Foot Switch

Sequencer

SMF compatible Sequence Recorder
w/ Simple Rhythm Player

Storage

Compact Card Slot

Display

20-Characters, 2-lines, 9 control buttons

MIDI

Templates: 3 Templates
External Zones: 1 Zone per Keyboard

Connections

MIDI

In (Keyboard), In (Multi), Out

Audio

Line In, L, R, Line Out, L, R, Headphones

Leslie

11-pin, 1 to 3 channels available

Sound System

Amplification

3 – 50 watt RMS amplifiers

Speakers

A-405: 2 – 2" tweeters, 8" & 6" full range,
15" woofer

920: 8" & 6" full range, 12" woofer

Dimensions

A-405: Closed, without pedal keyboard

37 3/4" (H), 46 1/4" (W), 26" (D)

920: 37 3/4" (H), 45 5/8" (W), 25 1/2" (D)

Weight

A-405: Console and Bench & Pedal key-
board 277 lbs

920: Console and Bench 205 lbs

Warranty

5 year Limited



A-405 and 920 back panel