

## INTRODUCTION

This manual contains service information for L-100 Series organs. The series is comprised of the following models:

L-100A  
L-100-1  
L-100-2

The Model L-100 Hammond organ is a completely self-contained console, requiring no external tone cabinet. It has two manuals or keyboards of 44 keys each, a 13 note pedal keyboard, and an expression (swell) pedal for controlling the volume. All tones are produced by electro-magnetic tone generators and electrically amplified. Selection of tone colors is made by adjusting 17 drawbars and 6 preset tabs. Other characteristics of the music are adjusted by means of 10 other tabs. A toggle switch, located to the right of the console above the manuals, is used to turn on the organ. A pilot light shows when the organ is turned on.

Model L-100A is similar to Model L-100, with the addition of percussion voicing circuitry, controlled from the lower left end block.

Model L-100-1 is similar to L-100, with a six-voice percussion feature added. Percussion controls are mounted in the lower right end block.

Model L-100-2 is identical to Model L-100-1, with the addition of the "drawer" type automatic Rhythm II feature. No service information for Rhythm II is contained in this manual, since its circuitry is independent of the organ. For Rhythm II service information, refer to the Service Manual for Rhythm II HO-466.

Model L-200 with inbuilt rhythm is electrically identical to the L-100-2 organ. Wiring of the rhythm unit to the console is presented in Figure 5-20.

L-Series organs will have fuses added to the Canadian power supply (101-000130) to comply with C.S.A. standards. Location and value of fuses are shown in Figure 5-19.

For convenience in location desired information, this manual is divided into the following sections:

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- I. How the Organ Operates
- II. Theory of Operation
- III. Disassembly
- IV. Practical Service Suggestions
- V. Diagrams
- VI. Parts List

## SPECIFICATIONS

**DIMENSIONS:** Width, 43½"; Height, 44½"; Depth, 23"

**WEIGHT:** 215 lbs.

**POWER INPUT:** 140 Watts

**OUTPUT:** 15 Watts, E.I.A.