

# SEEBURG

## DISCOTHEQUE U100 CONVERSION KIT, TYPE DJK1, Part No. 509660

### INTRODUCTION:

The Discotheque U100 Conversion Kit, Type DJK1, is for use in transforming the decor of a U100 Model phonograph to highlight Discotheque presentation. Provided in the kit are specially designed Discotheque panels in striking colors, reflector door panels, a grille ornament and a black light.

During normal operation of the phonograph only the standard fluorescent lamp is used to illuminate the Discotheque panels and program holders. During Discotheque operation only the black light is used for illumination of the panels and holders. The black light creates a striking fluorescent effect on the Discotheque panel and title strips. Mode of operation is controlled by a switch located at the rear of the cabinet.

The kit consists of the following items:

Qty.	Part No.	Description
1	509663	Upper Discotheque Sign
1	509664	Lower Discotheque Sign
1	509667	R.H. Reflector Door Panel
1	509668	L.H. Reflector Door Panel
2	509669	Light Shield
1	509670	R.H. Light Mounting Bracket
1	509671	L.H. Light Mounting Bracket
1	509675	Fluorescent Light Cable Assem.
1	509676	Ballast Cable Assembly
1	509677	Switch & Cable Assembly
1	509680	Grille Ornament
1	509689	Fluorescent Lamp (Black Light)
1	509688	Hardware Package consisting of the following: -
4	911913	4-40 x 1/2 Inch Phillips Head Machine Screws
2	911712	4-40 x 1/4 Phillips Head Machine Screws
3	600754	Insulators
1	488900	Mounting Bracket
5	901682	8-32 Keps Hex Nuts
4	960955	No. 8 x 5/8 Inch Sheet Metal Scs.
6	920914	Flatwashers
1	405138	Starter <i>F525</i>
1	509692	Drilling Template

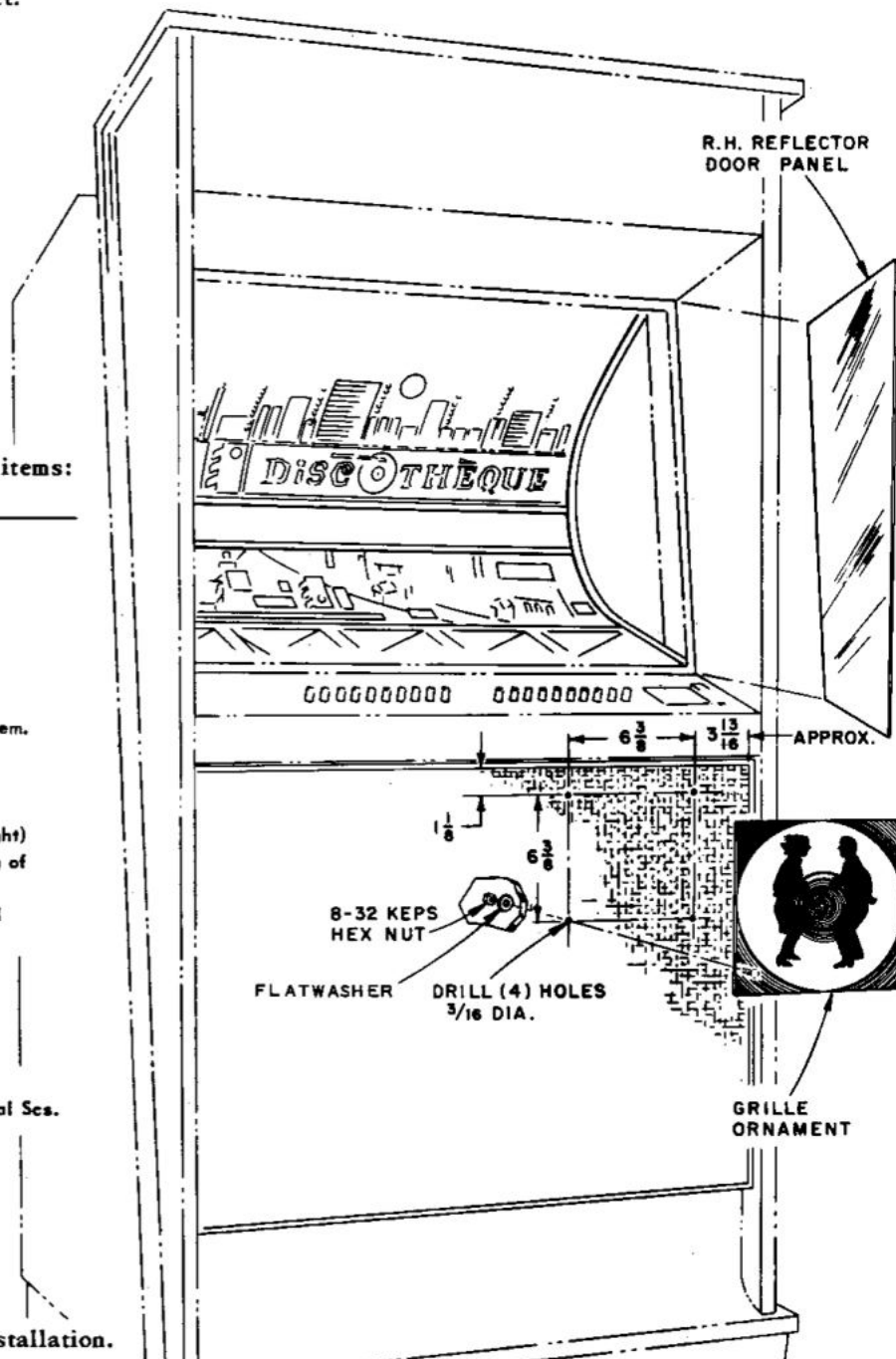


Figure 1.

Door Panel and Grille Ornament Installation.

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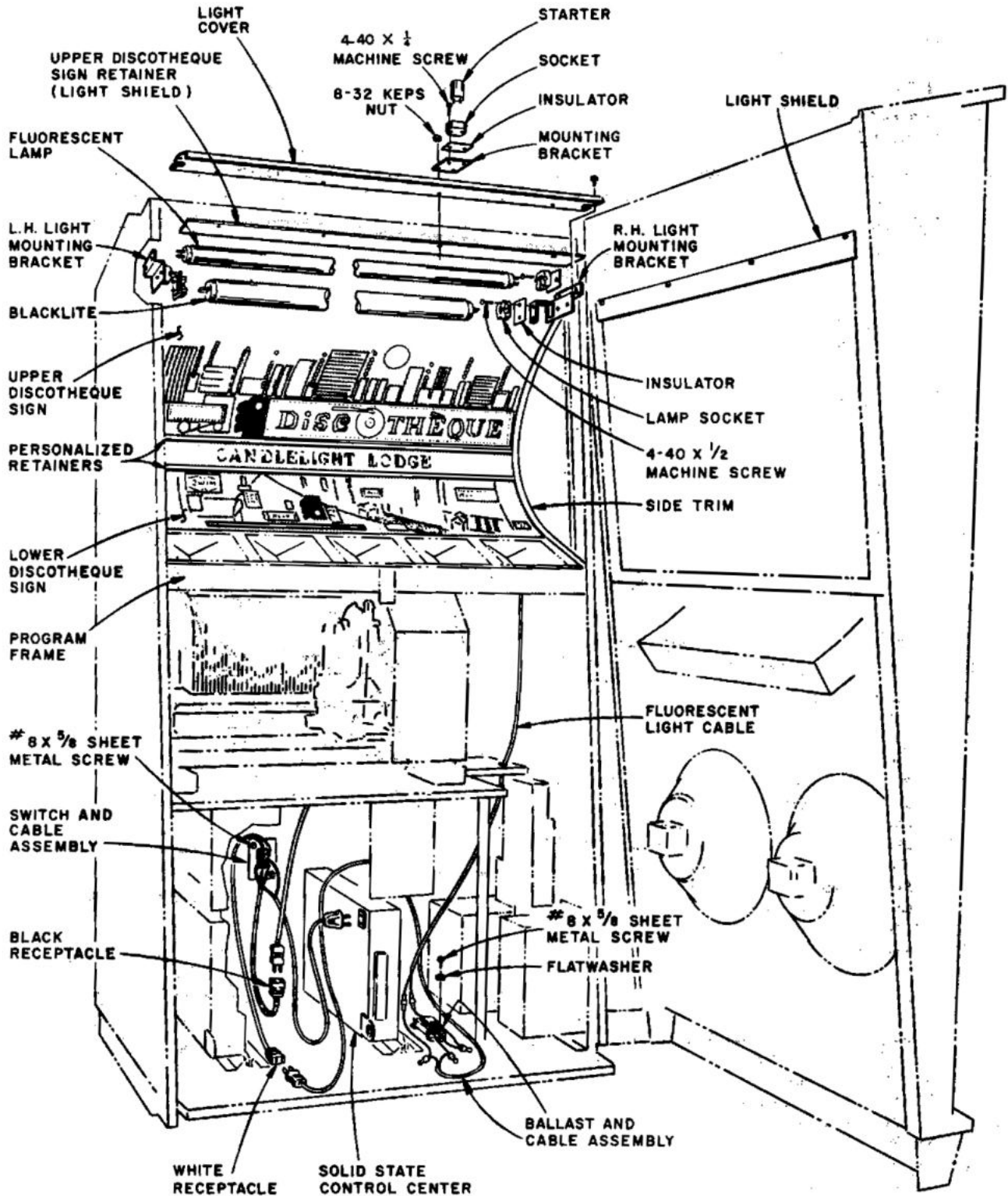


Figure 2. Decoration Panel and Black Light Installation.

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### CONVERSION INSTRUCTIONS:

(see Figures 1 and 2)

Disconnect power to phonograph and proceed as follows:

1. Remove fluorescent lamp.
2. Remove fluorescent light sockets from light mounting brackets.
3. Remove light cover.
4. Remove light mounting brackets from side panels.
5. Remove personalized strip retainers from program frame. Retainers are held in place with eight (8) hex nuts located on back of program frame. Raise frame to remove hex nuts.
6. Remove upper panel springs located behind upper decorative panel in left hand and right hand side trim.
7. Slide upper decorative panel upwards far enough so that the top right and left hand corners can be bent back about  $\frac{3}{4}$  of an inch.
8. Slide panel back into place and replace springs.
9. Remove backing from lower Discotheque sign and affix in position on program frame. Holes in sign must line up with holes in program frame. If sign extends over edge of frame, trim off excess with razor blade.
10. Feed new fluorescent light cable down along the back right hand side of cabinet.
11. Position upper Discotheque sign on top of upper decorative panel and snap into position in side trim by pushing back on it at the center.
12. Reassemble personalized strip retainers to program frame.
13. Mount new right and left hand light mounting brackets in position as shown in *Figure 2*, using screws removed in step 4.
14. Mount fluorescent light sockets to light mounting brackets. Use four 4-40 x  $\frac{1}{2}$  inch Phillips head machine screws to mount the new sockets. Use the screws removed in step 2 to mount the existing sockets. Use an insulator between each socket and its bracket.
15. Position the light cover in place on top of the light mounting brackets and upper decorative panel. Carefully dress the new fluorescent light cable through the openings made by bending the corners of the upper decorative panel. Dress the old cable through the opening in the light cover. Position the upper Discotheque sign retainer (same as light shield) below the upper Discotheque sign. Secure in place using the screws removed in step 3.
16. Assemble starter socket to mounting bracket, using two 4-40 x  $\frac{1}{4}$  inch Phillips head machine screws. Use an insulator between the socket and bracket.
17. Assemble starter mounting bracket to light cover as shown and secure in place with one 8-32 keps hex nut.
18. Assemble starter into socket and fluorescent lamps (black light first) into sockets.
19. Remove the four screws holding the top glass frame on inside of cabinet door. Position light shield in place on top of glass frame and secure in place with the four screws.
20. Position switch mounting plate so switch is centered in keyhole (cable across hole) on rear of cabinet and so line cord connections are as shown in *Figure 2*. Secure in place using two No. 8 x  $\frac{5}{8}$  inch sheet metal screws. Remove and discard cable hole cover that is on outside of cabinet.
21. Unplug fluorescent lamp line cord from 120 volt a.c. receptacle (J3109) on solid state control center and plug into black receptacle on line cord from bottom terminals of switch.
22. Insert plug on line cord from center terminals of switch into 120 volt a.c. receptacle (J3109) on solid state control center.
23. Mount ballast to floor of cabinet in approximate position shown, using two No. 8 x  $\frac{5}{8}$  sheet metal screws and flatwashers. Dress cable over top of Solid State Control Center slide channel.
24. Connect line cord from ballast to white receptacle on line cord from top terminals of switch.
25. Connect ballast cable to fluorescent cable as shown.
26. Before removing yellow backing from right and left reflector door panels, make a test fitting as shown in *Figure 1*, to insure proper fit and position after the backing is removed. Next sandpaper door surface lightly and clean off any grease or dirt with acetone. Now remove yellow backing from panels and affix in

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place. Remove grey backing to expose polished surface.

27. Drill four holes through lower speaker baffle board using template for location reference.

**NOTE:**

*Adjust location so holes go through opening in grille mesh. When drilling top holes protect selector from any damage that might occur by the drill going too far through the baffle.*

28. Mount grille ornament in place and secure with four 8-32 keps hex nuts and flatwashers, see *Figure 1*. Make finger tight only.

29. Reconnect power and check that, with the switch in the "down" position, only regular fluorescent lamp lights and with switch in the "up" position only the "blacklite" fluorescent lamp lights.