Bingo	King	ىلىر
		

7000 Series

Models 6000WBL 7000SB 7000WBL 6000FB 7000FB

Owners Manual

Revision C March, 1992

Limited Warranty

Bingo King warrants all software, firmware, equipment and parts manufactured by Bingo King, to be in operating condition at the time of shipment fron Bingo King's factory. Bingo King, at its option, will repair or replace any part or component proven to be defective because of the fault of Bingo King as manufacturer, provided that any such elements claimed or alleged to be defective shall be returned to Bingo King, no later than one year from the date of shipment from Bingo King's factory.

THE WARRANTY STATED IN THIS PARAGRAPH IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS, OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

The use of any products which are not intended to be used in conjunction with the equipment or any modification or alteration to any product warranted hereunder, shall void this warranty.

BINGO KING WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, CONSEQUENTIAL, DIRECT OR INDIRECT DAMAGES IN ANY MANNER WHATSOEVER ARISING OUT OF, IN CONNECTION WITH OR RESULTING FROM THE DESIGN, MANUFACTURE, ASSEMBLY, SALE, INSTALLATION OR USE OF THIS EQUIPMENT.

In some areas, state and local laws apply to the use of these items. The legality of their use must be the responsibility of the buyer.

Bingo King (R) Copyright 1992 BINGO KING CO, INC.

For service call:

1-800-525-8380

Between the hours of 8:00am and 4:30pm MST/MDT, Monday through Friday.

For equipment returns, ship to: Bingo King Co, Inc.

400 E. Mineral Ave.

Littleton, Co. 80122

7000WRNT

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Introduction

The 6000 & 7000 Systems were developed to provide many user friendly features and options. The list includes a game memory for automatic operation, tray recall in case of accidental ball drop before a game is completed, game pattern display and Bonanza feature operation to name just a few. The only difference between the 6000WBL and 7000WBL desks is the cabinetry, the electronics are identical. The only differences between the two flashboards are the size and the power and common wiring, check Wiring Diagrams for details.

Please read this manual before attempting operation of your new unit.

Inspect the Blower and Flashboards for any obvious shipping damage. If any damage is detected notify the carrier immediately.

Remove the Blower and Flashboards from the shipping cartons using caution not to mishandle the units in any way that would cause damage to the products.

Using only grounded outlets, plug in Blower and Flashboards before placement and hanging to ensure proper operation of your new unit.

Take the time to fill out all warranty and registration cards. Be sure to include the correct model numbers, serial numbers, date installed and the organization the unit was sold to.

What's in the Manual

For the user of this system, the only required reading is the Operation Section.

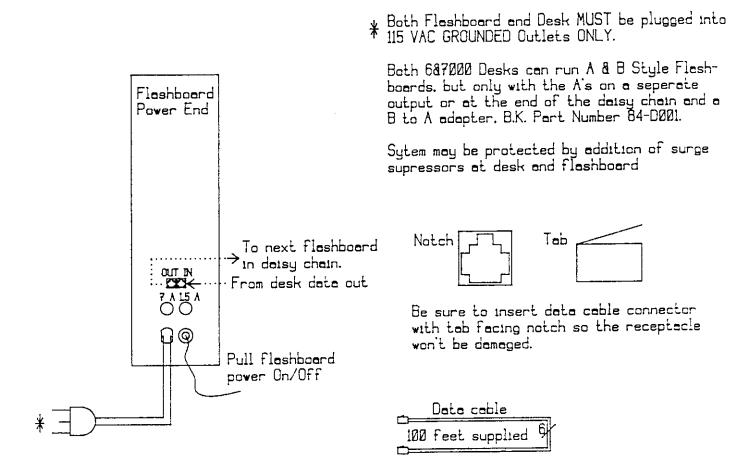
For the installation technician, System Hook-Up And Notes and the Flashboard Compatability Chart is a must.

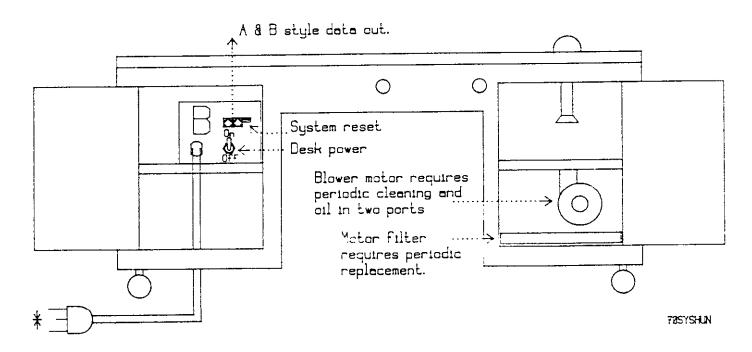
For the owner, a perusal of the Spare Parts List will help to determine what parts to keep on hand.

And last but not least, the Wiring Diagrams and Charts, Troubleshooting Guide and Spare Parts List are provided to assist the repair technician as required.

Page 1

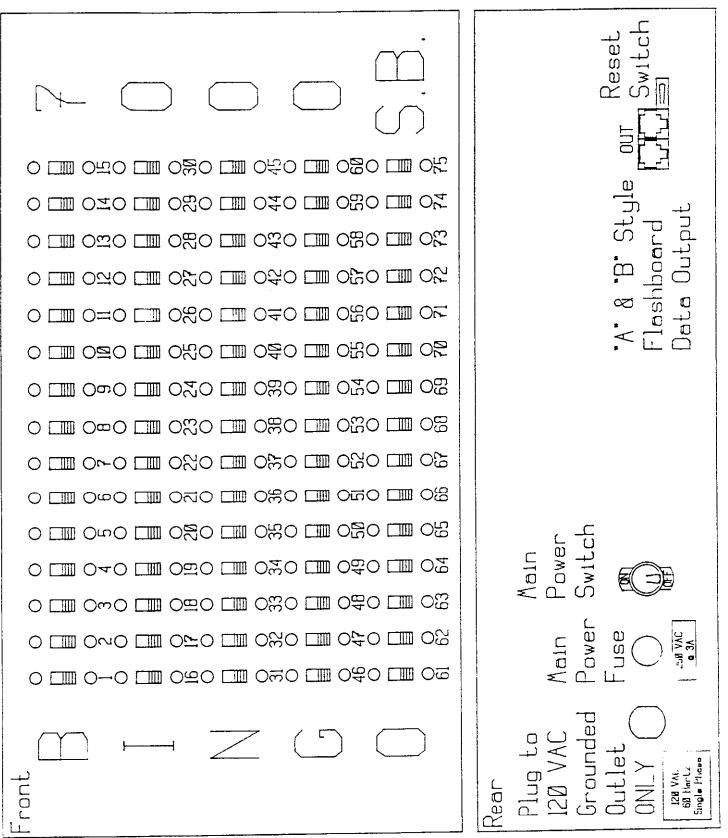
7000INTR





Panel 45 Full View Switch Rail Optional 28 Masterboard 99 ϖ 0 64 48 46 <u>.</u> For Control Panel Switch Functions see Pages 7 - 10 7000CPFV

Page 3



700SBHUN

Flashboard Compatibility Chart

WARNING: Plugging in some types of equipment not listed here may cause damage to the flashboard output. Use caution when attempting to use equipment not listed here. Call our service department for assistance and information

Flashboard Output

Some "A" Style Bingo King Flashboards. "A" style meaning a three prong connector on the data cable.

4000 FB "A"

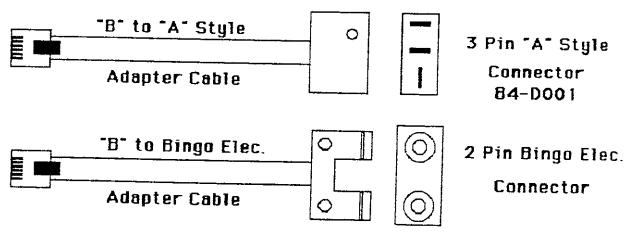
4502 FB "A"

5000 FB "A"

All "B" Style Autotronic Flashboards. "B" style meaning anything with telephone (RJ6) type data cable connectors.

```
1040 FB "B" -- MINI -- NO PATTERN
                                      1045 FB "B" -- MINI -- NO PATTERN
1047 FB "B" -- MINI
                             1048 FB "B" -- MINI -- (90#) -- NO PATTERN
1049 FB "B" -- MINI -- (90#)
4000 FB "B" -- NO PATTERN
                                             4090 FB "B" -- NO PATTERN
5000 FB "B"
                                                5090 FB "B" -- (90#)
6000 FB "B" | Also available as
                                                6090 FB "B" -- (90#)
7000 FB "B" | "A" w/special order
                                                7090 FB "B" -- (90#)
7500 FB "B"
                                                7590 FB "B" -- (90#)
EXACTO LINE FB "B" (WHEN AVAILABLE)
```

In addition, the "B" output may also work with some versions of electronic type Bingo Electronics or "A" style Bingo King equipment with a cable adapter. See the adapter chart below if the "B" output is to be used with this type of equipment or call our service department for more information.

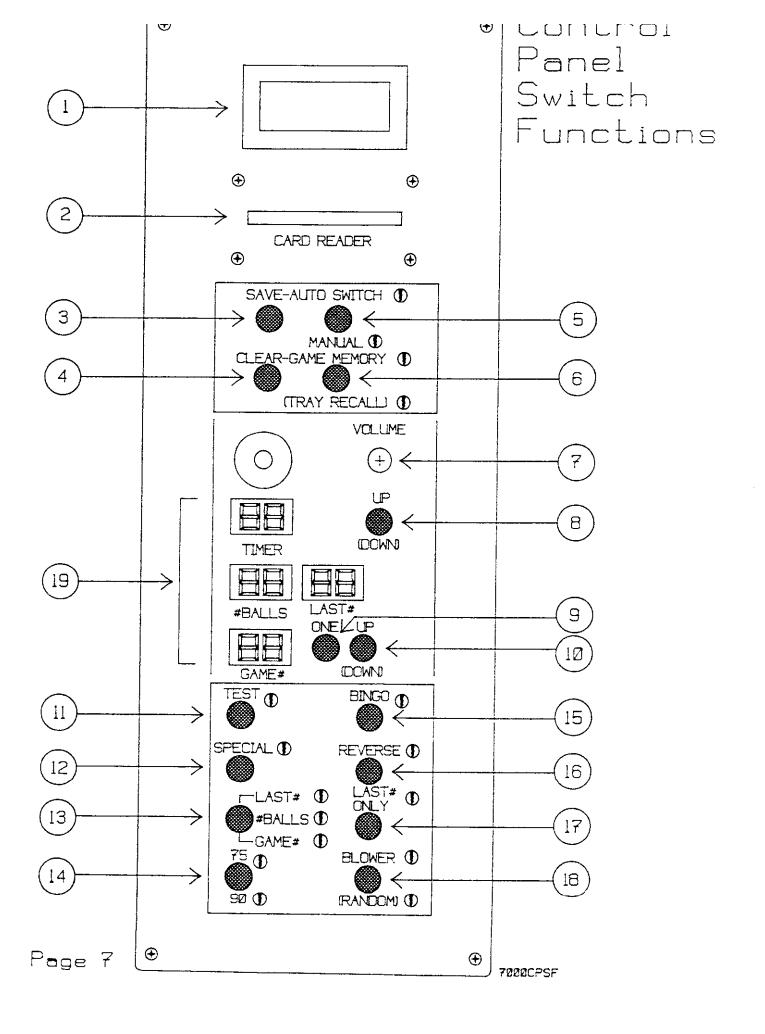


Page 5

7000FBCC

Operations

70000PCP Page 6



Control Panel Switch Functions

- 1. Card Bin. Used to store "B" Style Punch-A-Pattern cards.
- 2. Card Reader. Insert Punch-A-Pattern Card with desired pattern punched out. The game pattern display on the flashboard will display the pattern in a fixed position if Multi-Pattern 1 is used, or in 90 degree rotating positions if Multi-Pattern 6 is used. The card reader is also active for Multi-Patterns 8-15 in a fixed position only. The card reader is not active in 90* mode.
- 3. Save. Used when programming to save the function switch settings for Auto mode. See Programming Procedures for complete details.
- 4. Clear-Game Memory. This switch is active only in the game memory or "Bonanza" mode to clear the previous ball information.
- 5. Auto Switch, Manual. Pressing this switch toggles the unit between Auto and Manual modes. The mode is indicated by the associated L.E.D.s. Green indicates Manual mode while Red indicates Auto mode. The programmable switch functions are not accessible while in Auto mode. See Programming Procedures for complete details.
- 6. Game Memory (Tray Recall). This is a dual function switch. When pressed once the unit is in Game Memory mode. Enter Bonanza balls in this mode. They will be held in memory until the Clear switch is used. The second function is the Tray Recall Feature. Press and hold the switch until the red L.E.D. flashes. The unit will recall the last set of balls entered and display them. See Game Memory (Tray Recall) Feature Operation for complete details.
- 7. Volume. Each time a Control Panel Switch is pressed or the timer counts down to zero, an audio signal is heard. If the volume of the "Beep" needs adjustment, use a small flat blade screwdriver in the recessed potentiometer and turn it clockwise to increase the volume and counterclockwise to decrease the volume.

7000CPSF Page 8

Control Panel Switch Functions (Continued)

- 8. Timer Up (Down). Each time this switch is pressed, the timer is incremented by one. Press and hold to decrement. The timer can be set from 1 to 99. When a ball is placed in the masterboard, the timer counts down to zero. At that point it will signal with a "Beep" and reset. Timer units DO NOT equal exact seconds.
- 9. Game One. Used to return the game number to one.
- 10. Game Up (Down). Each press of this switch increments the game number by one, up to 99. Press and hold decrements.
- 11. Test. When pressed once, it turns on all the displays, L.E.D.s and flashboard lamps. Press and hold to put the unit into sequential test mode, press once again to exit. Should be used before beginning all sessions to ensure that all displays and lamps are working properly.
- 12. Special. When pressed once, the green L.E.D. lights and the SPECIAL sign on all equipped "B" style flashboards will flash. Not active in 90 mode. Press and hold enters the Multi-Pattern Selection mode, which will be discussed in detail in the Multi-Patterns Section.
- 13. Last #, # Balls, Game#. (Flashboard Counter Display mode.)
 Toggles the flashboard counter display mode between last number called,
 number of balls called and the game number.
- 14. 75/90. Used to toggle the system between 75 and 90 number games. This feature is only used when an optional extra switch rail is installed in the desk for numbers 76-90.
- 15. Bingo. When pressed once, the green L.E.D. lights and the Bingo sign on all connected "B" style flashboards flashes. (Except newer Bonanza boards) Press again to exit. Press and hold will display the current software revision.
- 16. Reverse. Press once to reverse the flashboard display. All uncalled balls will be lit and all called balls will be turned off. Last number flashes. Press again to return to normal.

Page 9

Control Panel Switch Functions (Continued)

- 17. Last # Only. Used to turn off all the numbers on the flashboard except for the last number called.
- 18. Blower (Random). If the Random Number Generator option is not installed, this switch is only used to toggle the Blower Motor on and off. If RNG is installed, see Addendums.

19. L.E.D. Displays.

- A. Timer. Visual indication of timer status and displays Random Number Generator option in software display mode. (Push and hold Bingo) "bb" = Non-random, "Fb" = Random
- B. # Balls. Counts the number of balls called and display "FF" in software display mode.
- C. Last #. Indicates the last ball called and displays software version number. A3 is the latest as of this writing.
 - D. Game #. Indicates game number and software revision date.

Switches shown on page 2. Power Supply Box.

Main Power On/Off. This is the main power switch for the desk. Must be On for system operation.

Reset. If necessary, flip this switch several times in a row to reset the desk. Control Panel switches will revert to factory default, any balls in the masterboard will continue to display. Will NOT lose games previously programmed, however will lose ball data in game memory. (Bonanza)

NOTES

Game Memory / (Tray Recall) Operation

Game Memory will hereafter be referred to as Bonanza mode. You may store numbers called in Bonanza mode and retreive them later on in the session. You may also progressively add numbers in Bonanza mode. The Boanaza feature may be used in either Auto or Manual mode but may not be programmed. The flashboard counter display will count the number of balls called only while in Bonanza mode and all function switches are disabled except Timer, Test, 75/90, Blower, Game One, and Game Up/Down.

- A. Press the Game Memory switch (6). The L.E.D. next to Game Memory will light and all flashboards will clear.
- **B.** Start the Bonanza game. As the balls are place in the masterboard, the numbers are displayed and stored in memory.
- C. After the first set of Bonanza balls have been called, press the Game Memory switch again until the L.E.D. goes out. The flashboards will be cleared but the numbers will be stored in memory to be recalled later.
- D. Play the normal game session.
- E. To recall the Bonanza game, press the Game Memory switch until the L.E.D. lights. The numbers will be recalled to the flashboards and the game may be continued.
- ${\sf F.}$ When the Bonanza game is over, press the Clear switch (4) to erase the numbers from memory.

As the name implies, Tray Recall will recall to the flashboards the last set of balls entered in the masterboard. It is used when the balls are accidentally dropped in the middle of a game or too soon at the end of a game. If this happens to you:

- A. DO NOT open the retriever gate! The balls that were dropped should not be mixed in with the remaining balls in the blower.
- **B.** Press and hold the Tray Recall (6) switch until the L.E.D. next to Tray Recall lights. The balls that were dropped will be redisplay to the flashboard and the game may be continued.
- C. When the game is over, press the switch again until the L.E.D. goes out.

 7000GMTR

Multi-Pattern Operations

Press and hold the Special switch to enter Multi-Pattern selection mode. A "P" will appear in the # of Balls Display and a pattern number will appear in the Last # Display. Use the Game One and Up / (Down) switches to select the pattern number desired. The pattern number in the Last # display will be transmitted to the verifier (if used) and to the flashboards. To return the display to Last # mode, press the Special switch again.

Multi-Patterns O and 8-15 are useful to the 7000WBL only with a Stand Alone Verifier installed in the system. Multi-Patterns 0,1, 6 and 8-15 get their display from the card reader. Multi-Patterns 2-5 and 7 are stored in memory and will display all variations on the flashboard game pattern display.

- O Disable Automatic Multi-Pattern. Entered form the card reader and displayed in a fixed position. If a verifier is installed, it will prompt for a pattern number at verification.
- 1 Fixed Pattern. Entered from the card reader, displayed and verified in a fixed position.
- 2 Anyway Straight Line. Multi-Pattern stored in memory scanning all horizontal, vertical and diagonal lines.
- 3 Lines or 4 Corners. Same as 2 adding the four corner pattern.
- 4 Lines, 4 Corners or Diamonds. Same as 3 adding small and large diamond: patterns.
- 5 Scarch 6 Way Double Bingo. Multi-Pattern stored in memory scar and all double horizontal and vertical lines, the X game pattern and small and large diamonds.
- 6 Rotating Pattern. Rotates the pattern entered in the card reader in 90 degree steps and will verify only to those four positions.
- 7 Hardway. Multi-Pattern stored in memory scanning only those horizontal and vertical lines that do not include the free space.

 Page 12

Multi-Pattern Operations (Continued)

- 8 Ignore Pattern, All Balls Called. The flashboard game pattern will display the pattern entered in the card reader, but the verifier will only show the balls called.
- 9 User Pattern. User programmable pattern detailed at end of this section. Must have a verifier to use this pattern.
- 10 Six Pack Anywhere. Multi-Pattern stored in memory scanning all possible combinations of a "Six Pack" starting with hardway scans.
- 11 Block of Nine. Multi-Pattern stored in memory scanning all possible combinations of a "Block of Nine".
- 12 Double Bingo Anyway Straight Line. Multi-Pattern stored in memory scanning all combinations of a double straight line BINGO.
- 13 Double Bingo Any Line or 4 Corners. Multi-Pattern stored in memory scanning all combinations of a double BINGO including straight lines or 4 corners.
- 14 Triple Bingo Anyway Straight Line. Multi-Pattern stored in memory scanning all combinations of a triple straight line BINGO.
- 15 Triple Bingo Any Line or 4 Corners. Multi-Pattern stored in memory scanning all combinations of a triple BINGO including straight lines or 4 corners.

Multi-Pattern 9, User Programmable Pattern

A new feature installed in Version 6.0 of the verifier is User Programmable Patterns. In this mode you can verify up to 25 different combinations of any imaginative pattern.

Step 1, Select User Patterns from the Menu.

Step 2, Select User Patterns from the Multi-Pattern reference page. A bingo card appears with each of the 25 squares numbered. To program one variation of a pattern, enter the square numbers followed by Enter, each square entered will be green. To clear a square, enter the square number followed by Clear. Press Enter to advance to the next page and enter the next variation. Clear will return to the previous page.

Page 13 7000MP0P

Multi-Pattern Operations (Continued)

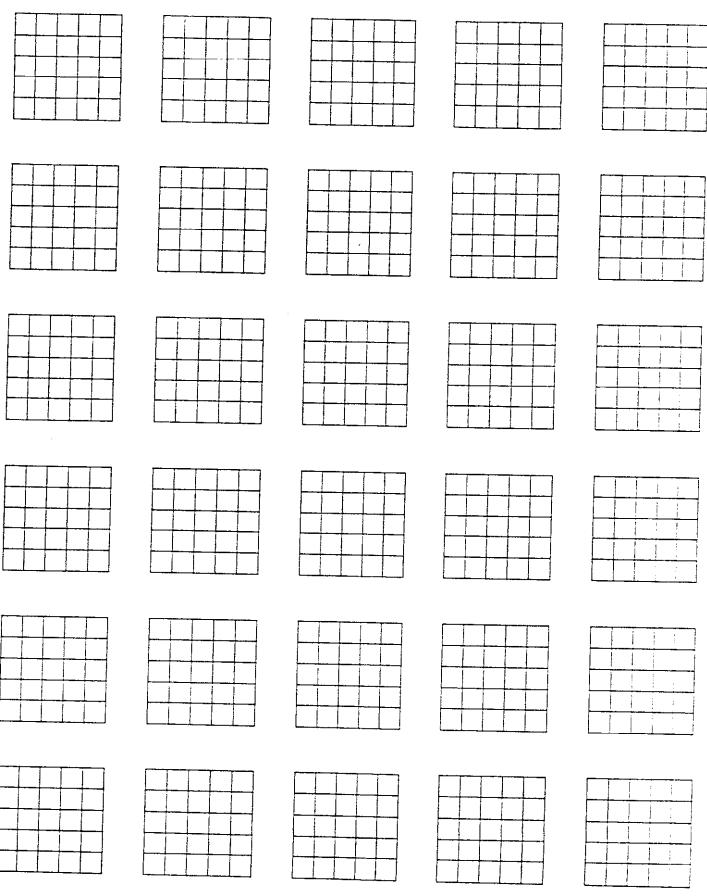
For example, a "postage stamp" in any possible location will require entering each of the 16 possible combinations, one page at a time. Only one programmable pattern can be used a time. If you have all the combinations entered for a postage stamp, the verifier will verify to what you have programmed. To use another programmable pattern you must enter all combinations of that pattern and make sure that the rest of the 25 pages are clear.

The following page is a form to help you figure out all the variations of different patterns. It is suggested that you make copies of this form.

Following is a list of Multi-Patterns and how they interact in the system:

Card Reader	_
Enabled	No
Enabled	Yes
Disabled	Yes
Enabled	Yes
Disabled	Yes
Enabled	No
Enabled	Yes
Enabled	Yes
Enabled	Yes
Enables	Yes
	Enabled Enabled Disabled Disabled Disabled Enabled

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70000000

Programming Procedures

If all of your decisions, such as game pattern and length of time between balls called, etc., have been made beforehand, you can save a lot of time during your Bingo sessions by programming the 6000WBL or 7000WBL. We have developed a programming form to simplify the process for you. It is suggested that you make copies of the form on the next page and use it to record all of your programs. There are extra copies of this form in the Addendums Section in case you lose or destroy one.

A few notes to remember while programming:

- 1. You can only program in the Manual mode!
- 2. Special and Pattern are NOT available in 90# mode!
- 3. Remember to increment the game number!
- 4. You may program up to 99 games, 3 sessions of 33 games or whatever combination you need.

Using the programming form, just go down the list. Set each function switch as you desire and check the decision made on the form. The last thing to do is press the Save switch (3) for each program, then increment the game number (10) for the next program.

- A. Remember, you must be in Manual mode, Control Panel L.E.D.'s green.
- B. Set programmable functions as desired:

Game # (9,10), Timer (8), Special (12), Flashboard Counter Display Mode (13), 75/90 (14), Reverse (16), Last # (17), and Fattern (12).

- C. Press the Save switch (3).
- D. Increment the Game # (10) and program the next game.

When you are ready to check your programming or play, press the Auto switch (5). The control panel L.E.D.'s will light red and the programmable switches will not be functional. Press the Game 1 switch (5). All of the settings you put in for game 1 should come up. Press the Game Up switch (10) is number 2. The settings should change to what you programmed for that game. Go all the way through to make sure you have programmed everything the way you want it. If, in the readle of a game, you want to make a change, you must leave Auto mode and finish the game in Manual mode or reprogram the game and go back to Auto.

7000PRGP Page 16

Comments		Comments		Comments	
Game #		Game #		Game #	
Timer		<u> Limer</u>		Timer	
Special	On Off	Special	On Off	Special	On Offi
Mode	BNG	Mode	BNG	<u>Mode</u>	BI NI IGI
75 / 90	75 90	75 / 90	75 90	75 / 9Ø	75 90
Reverse	On Off	Reverse	On Off		On Off
Last #	On Off		On Off	<u>Reverse</u>	On Offi
Pattern		Last #	[011] [011]	Last #	Juni lotti
L de cei ii	Save	<u>Pattern</u>		Pattern	
	Jave		Save		S a ve
Comments		Comments		Comments	
Game #		Game #		Game #	
Timer		Timer		Timer	
Special	On Off	Special	On Off	Special	On Off
Mode	B N G	Mode	B N G	<u>Special</u>	B N G
75 / 9Ø	75 90	75 / 90	75 90	75 / 9Ø	75 92
Reverse	On Off		On Off		On Offi
Last #	On OFF	Reverse	On Off	Reverse	
Pattern	10111 0111	<u>ast #</u>	lout lotti	Last #	On Off
rattern	Save	Pattern		<u>Pattern</u>	
	2008		Save		Save
Comments		Comments		Comments	
Game #		Game #		Game #	
Imer		Timer			
Special	On Off	Special	On Off	limer Special	On Offi
Mode	BINIG	Mode	BIN G	Mode	BI NI IGI
75 / 90	75 90	75 / 90	75 90	75 / 9Ø	75 52
Reverse	On Off		On OFF		On Off
Lost #	On Off	Reverse	On Off	<u>Keverse</u>	On Cff
Pattern	10111	<u>last</u> #	011 0111	Last #	Juni juri
i acreiii	Save	Pattern		Pattern	
	Jave		Save		Save
Comments		Comments		Comments	
Game #		Game #		Game #	
Timer		Timer		Timer	
Special	On Off	Special	On Off	Special	On Off
Mode	B N G	Mode	BNG	<u>Special</u> Mode	B N G
75 / 90	75 90	75 / 90	75 90	75 / 90	75 90
					
Kevense	On Off	Meyerce			[1]
<u>Reverse</u> Last. #		Reverse		Reverse	On Off
_ast #	On Off On Off	Lost #	On Off	_ast #	On Off
	On Off		On Off		On Off
Last # Pattern		Lost #		_ast #	
_ast #	On Off	Lost #	On Off	_ast #	On Off

7000SB Switch Box Operation

The 7000SB Switch Box has a variety of uses as it is a good "B" data souce that will run the 75# section of all "B" style flashboards.

- 1. Can be used as a stand alone Bingo system, with cage and flashboard.
- 2. Can be used to run Bonanza flashboards.
- Can be used as a back-up to desk.
- 4. Can be used as test equipment for large halls or repair organizations.

With two data output ports, it can run up to ten flashboards.

It is very simple to operate, just plug it in and plug the flashboard data cable into it and flip the appropriate switch as the numbers come up to light the numbers on the flashboard.

The switch on the back of the box is provided to reset the system in case of a system lock-up. Flip it several times in a row if necessary.

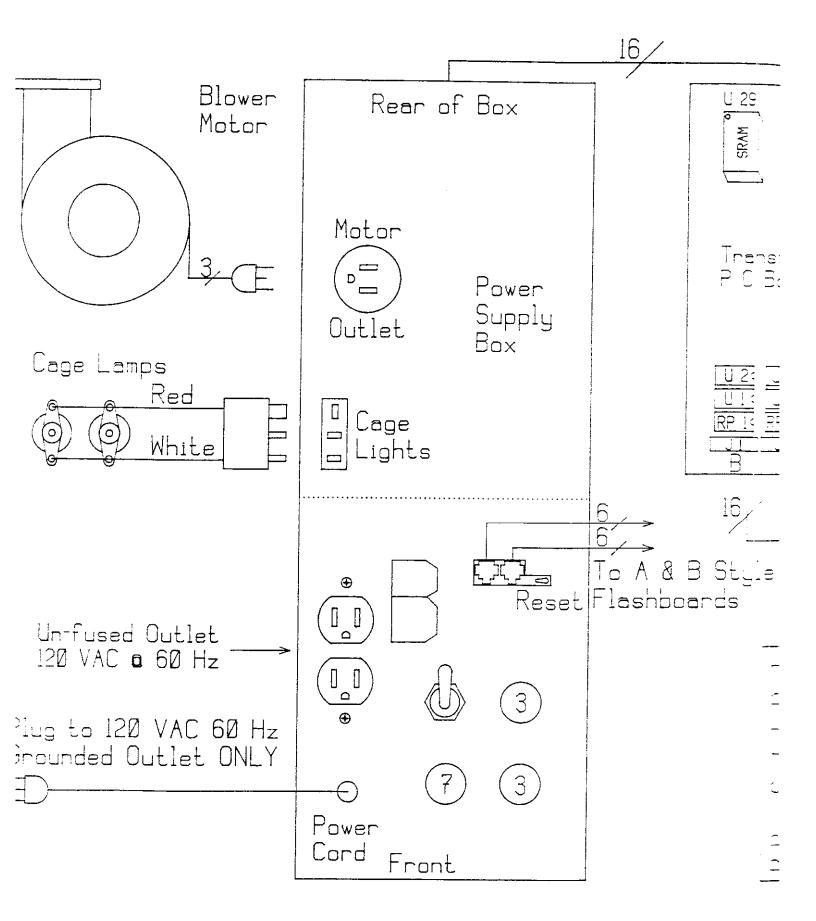
7000SBCP Page 18

DESK WIRING DIAGRAMS

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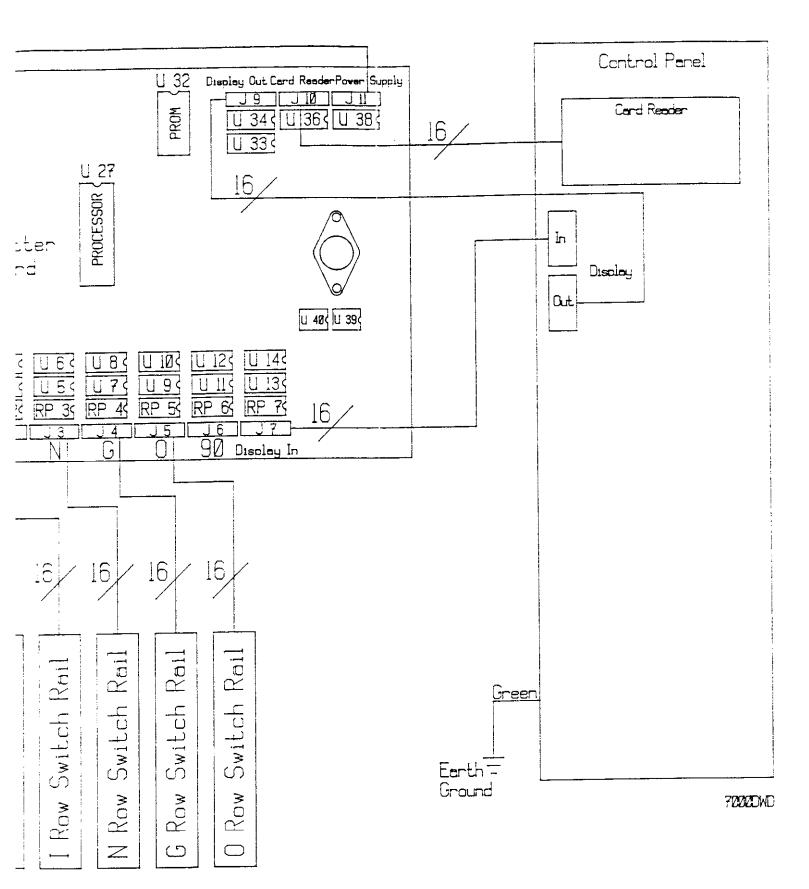
CHARTS

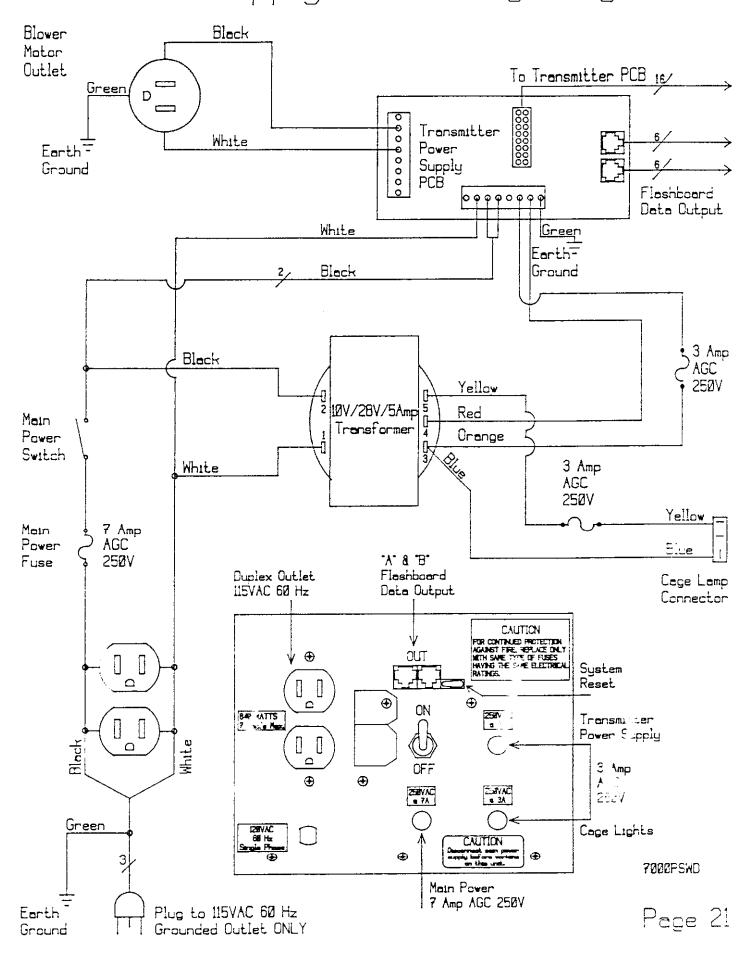
Jesk Inter



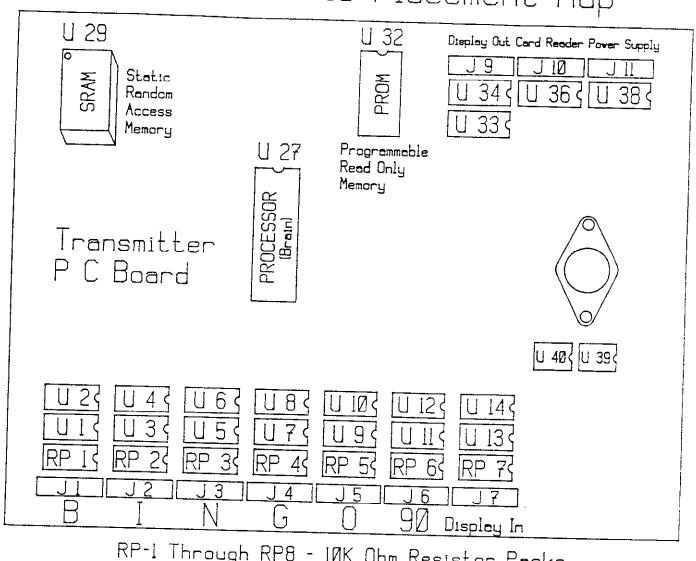
Pagedon

connection





HUL ナコートローニ



RP-1 Through RP8 - IØK Ohm Resistor Packs Ul Through Ul4 - 75LSI51 Encoders U33. U34. U36. U38 - 75LS374 Latches U39. U40 - DS1231. DS1232 Power Monitors Switch Encoders

UI - B2, B4, B5, B7, B8, B9, B11,

U2 - BI, B3, B6, B10, B12, B13, B14, B15.

U3 - I17. I19. I20. I22. I23. I24. I26.

U4 - I16. I18. I21. I25. I27. I28. I29. I30.

U5 - N32. N34. N35. N37. N38. N39. N41.

U6 - N31, N33, N36, N40, N42, N43, N44, N45,

U7 - G47. G49. G50. G52. G53. G54. G56.

U8 - G46. G48. G51. G55. G57. G58. G59. G60.

U9 - 062, 064, 065, 067, 068, 069, 071.

UIØ - 061, 063, 066, 070, 072, 073, 074, 075.

UII - 77. 79. 80. 82. 83. 84. 86.

Page 22 U12 - 76, 78, 81, 85, 87, 88, 89, 90,

/wacomy or a Switch Rail

Switch Rail Complete Assy. 12-5002

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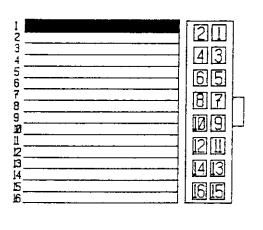
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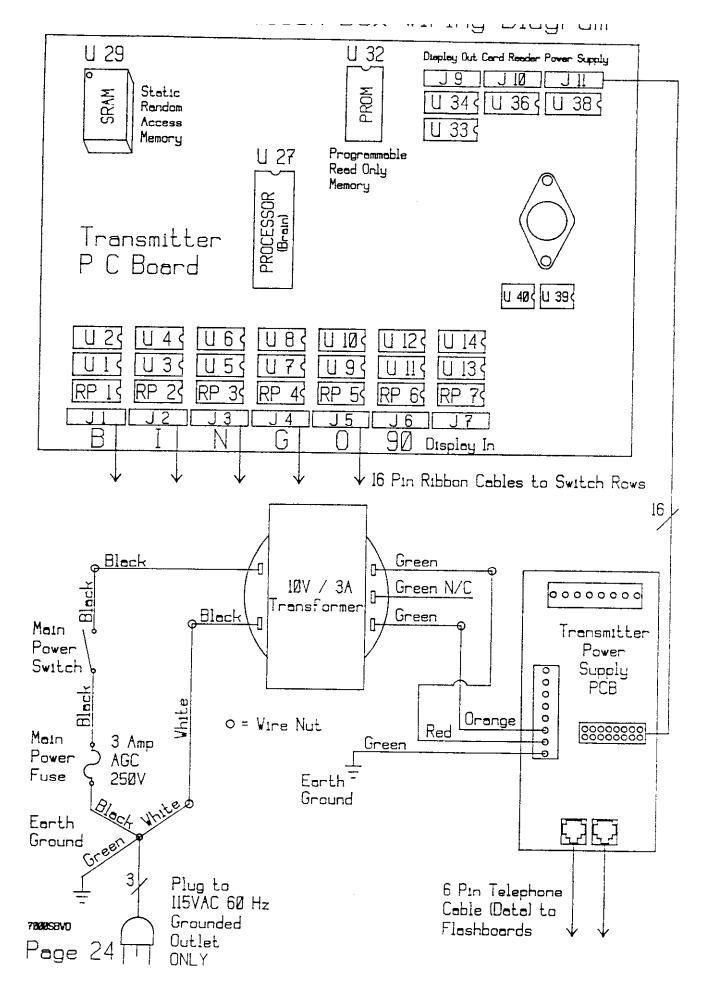
Ball Switch 12-8006 (15)

Connector 16p F IDC 13-RØ16 (1)



Fin I	Lommon
Pin 2	 Switch A
Pin 3	 Switch B
Pin 4	Switch C
Pin 5	Switch D
Pin 6	Switch E
Pin 7	Switch F
Pin 8	Switch G
Pin 9	Switch H
Pin 10	Switch I
Pin II	Switch J
Pin I2	Switch K
Pin 13	Switch L
Pin 14	Switch M
Pin 15	Switch N
Pin 16	Switch O
LIU IO	OMICCII O

7MMSVAN



FLASHBOARD WIRING DIAGRAMS

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CHARTS

, 100,1000, U

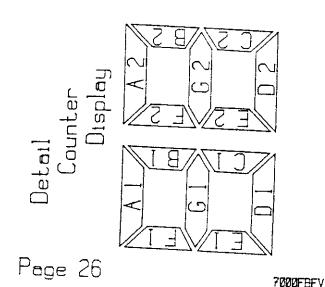
Lamp Number
Placement
Map
Front View

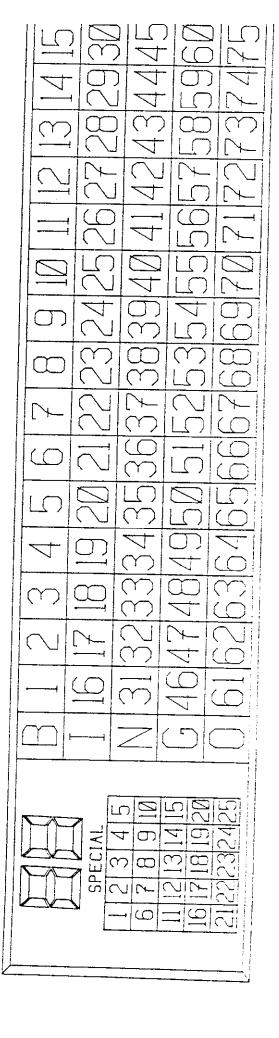
CAUTION

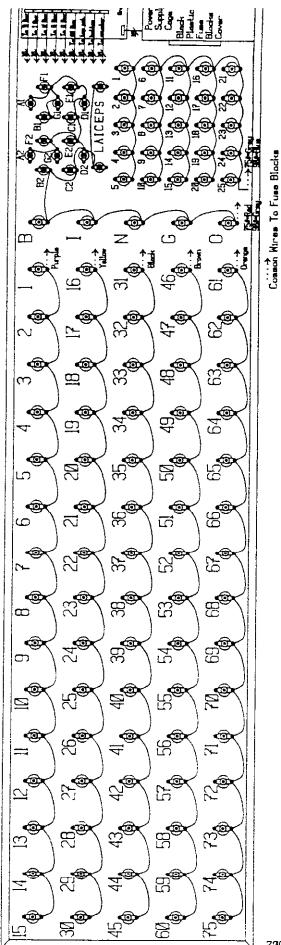
Do not attempt to replace lamps with power on. This may cause damage to the Printed Circuit Board.

For Longer Bulb Life Use ONLY Sylvania 1820 lamps. Bingo King Part Number 08-L004

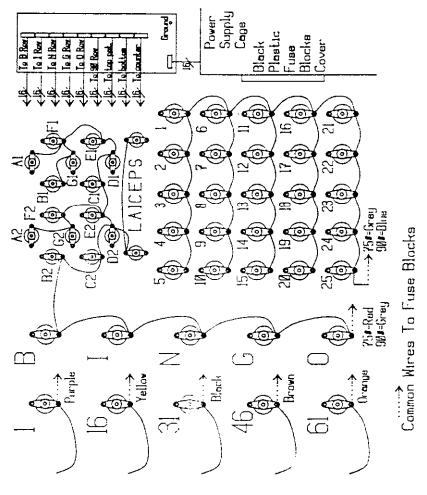
This Lamp Map applies to all "B" style flashboards.





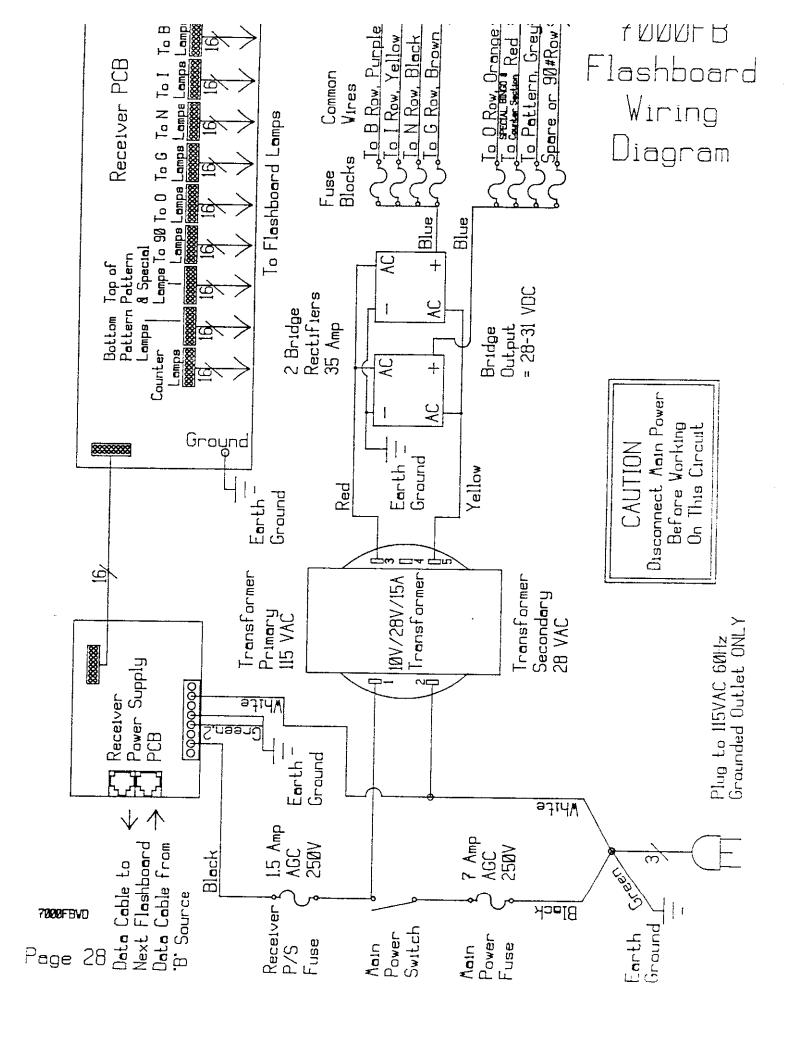


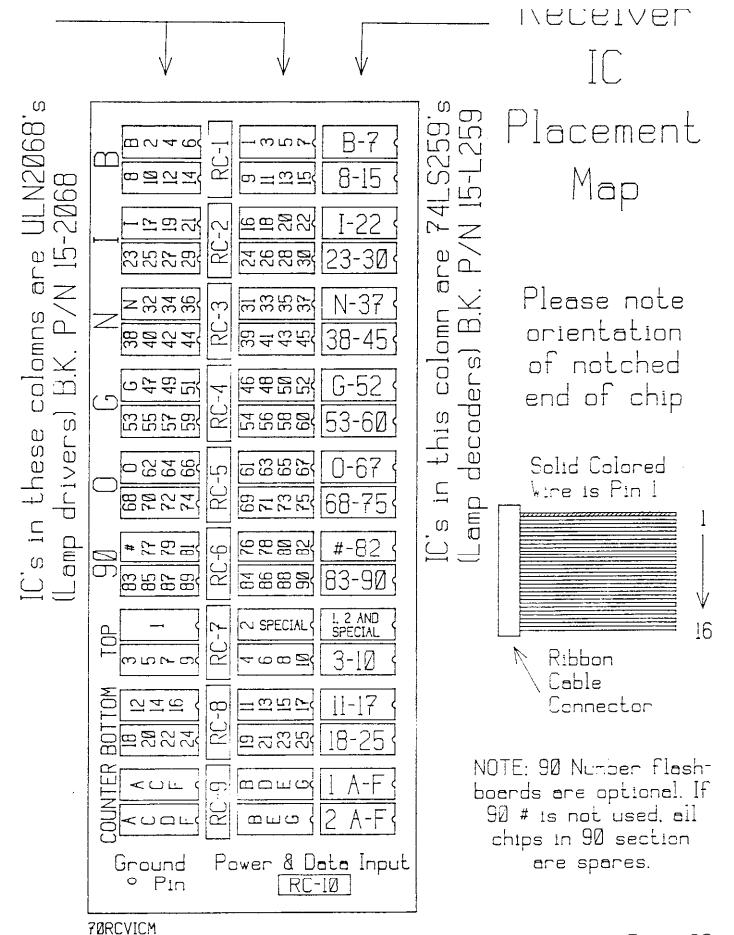
Common
Wiring
Diagram
Rear View

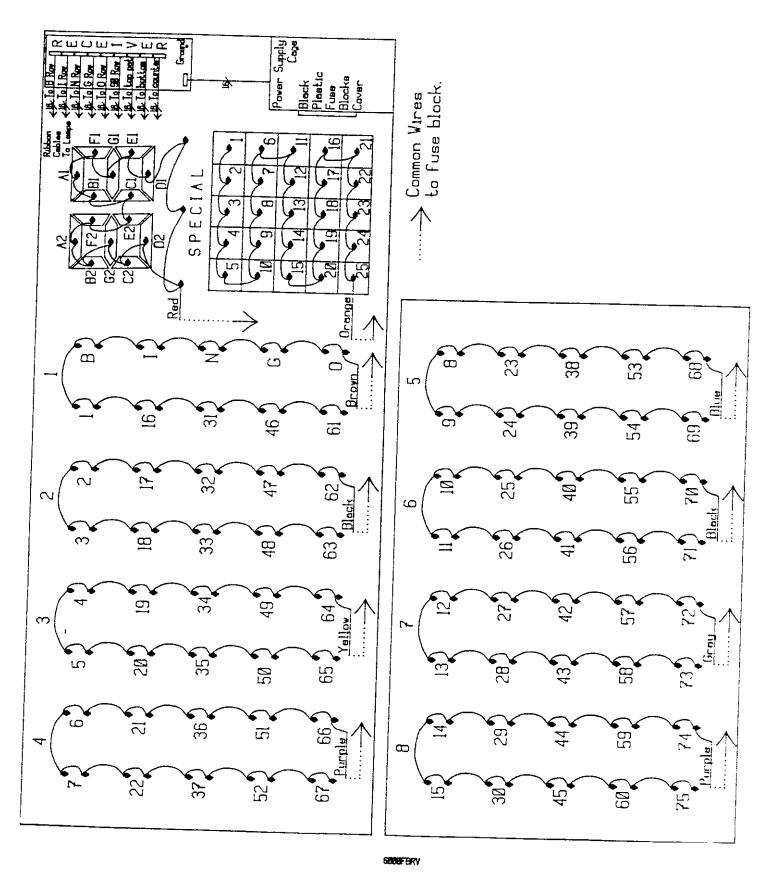


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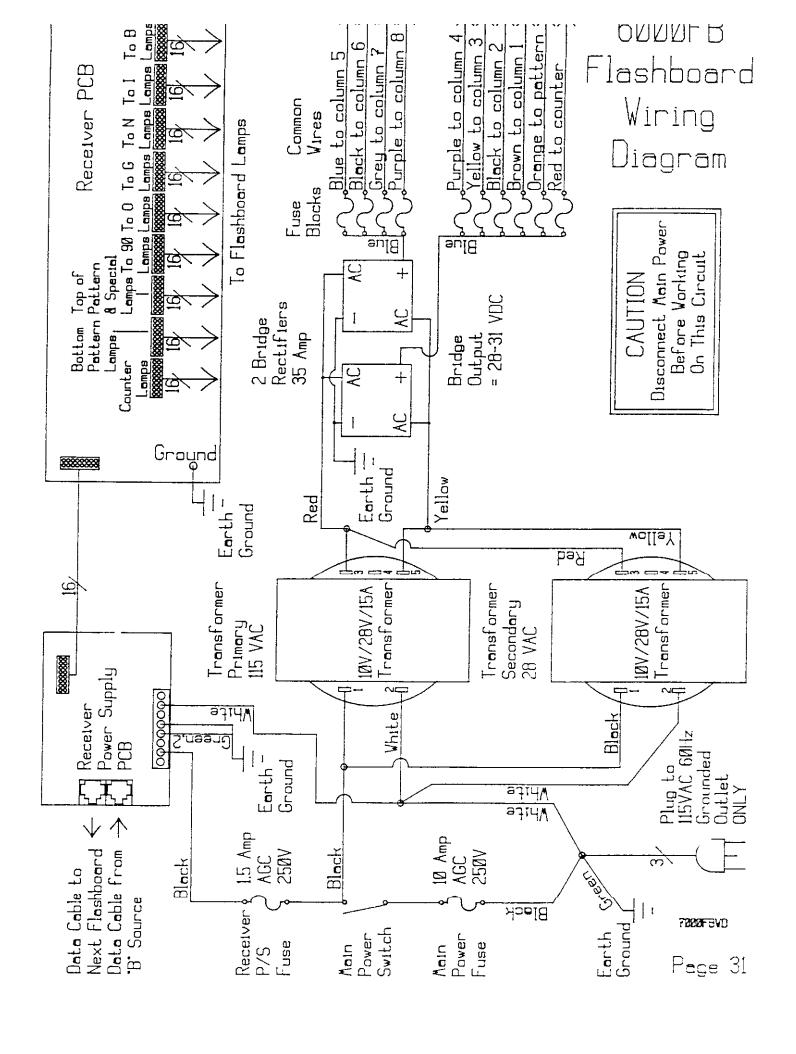
7000FBRV







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Troubleshooting Guide

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Maintenance Tips

Keep data cables free from damage.

Always turn power off before replacing bulbs or any components including cabling and fuses.

Keep the blower motors in a clean and oiled condition. Service every six months or sooner with heavy use.

Keep liquids away from all control panels.

It is suggested that the desks be kept covered when not in use.

Service Date	Work Performed		

Problem	Troubleshooting Cause	Chart Solution
Desk display blank, no power to desk.	Blown fuse in desk.	Replace 7 or 3 Amp fuse. Check Display In and Out cables and connectors.
Number won't light on flashboard,	Burnt out bulb. Bad socket. Bad switch on rail. Open connection in	Replace bulb. Replace socket. Replace switch. Locate and repair.
or stays lit.	wires or connectors. Bad lamp driver or decoder IC chip on the Receiver PCB in the flashboard.	Refer to the IC Placement Map and replace the related driver or decoder IC.
Horizontal rows of lights on flashboard not working.	Blown fuse on flash- board. Broken common wire. Bad 74LS138 on Recei- ver PCB	Replace blown fuse. Locate and repair. Replace 74LS138
Lights on the flash- board randomly flash or flicker.	System not plugged into a grounded outlet. System is plugged into an AC power line that is excessively noisy or overloaded.	Make sure a grounded outlet is used. An EMI/RFI surge supressor may be required. Also, be sure that the data cable does not come close to any noisy power sources or magnetic fields, ie: power lines, flourescent lights, etc.
Blower motor slow and/or noisy and/or temporarily shuts down.	Motor dirty and not lubricated.	Clean squirrel cage and oil ports, or replace motor.
		NOTE: Try to determine cause for blown fuses or you will just keep replacing fuses.
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Number won't light Put system into test Lights?

Yes

Flashboard OK. check Desk.

Plug problem row switch rail into another BINGO position on transmitter board and try switch.

Lights?

Yes Switch OK. go to transmitter board.

No Replace switch, B.K. Part # 12-8006 or switch rail Part # 12-8002

Check Transmitter IC Replacement Map for switch encoder and replace with IC in 90# row if not used. or with B. K. Part # 15-L151.

Still no light?

Replace transmitter board or send to Bingo King service dept. for repair.

Transmitter PCB Part # 32-1676 Reciever PCB Part # 32-1678 No

Desk OK. check Flashboard.

Change lamp.

Still no light?

Change socket.

Still no light?

Check wiring.

No broken wires or cold solder connections?

Check Reciever IC Replacement Map for driver and decoder and replace driver with IC in 90# row if not used. or with B.K. Part # 15-2068

Still no light?

Replace decoder with spare or B. K. Part # 15-L259.

Still no light?

Replace reciever board or send to Bingo King service dept. for repair.

70TRBLFC

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Spare Parts List

Keep On Hand	
Desk	
Fuse, 3 Amp AGC 250V	00 F070
Fuse, 7 Amp AGC 250V	08-F030
Filter, Motor	08-F070
Flashboard	09-7010
Fuse, 1.5 Amp AGC 250V	00 5015
Fuse, 3 Amp AGC 250V	08-F015
Fuse, 7 Amp AGC 250V	08-F030
Lamp, Sylvania 1820.	08-F070
Socket, Lamp	08-L004 08-S004
Order As Required	
Switch Box	
Switch, Slide w/cap	12-D001
Desk	12-0001
Spring, Return	07 - S005
Spring, ball Mola Down	07-S005
ruse Holler, Panel Mount Single	07-3000 08-8001
Transformer, 10V/28V 5 Amp.	08-5001 09-T205
Switch, Ball	12-B006
Cap, Ball Switch	12-0006
Rail, Switch (15)	12-5000
IC, SKAII W/ Dalleru back-up DS 1220V	15-1220
10, 10 WELDD D2-123	15-1231
ic, Power Down DS-1232	15-1232
ic, switch Encoder /4LS151	15-L151
IL, Iransceiver 74LS374	15-L374
PLB, Iransmitter	32-1676
rue, iransmitter P/S	32-1677
Motor, Blower w/plug	33-7110
riashboarg	
Fuse Holder, Panel Mount Single	08-B001
rransturmer, 28V 15Amn	09-T215
ic, Lamp decoder 74LS259	15-L259
ic, Lamp driver ULN2068	15-2068
Rectifier, Dridge 35 Amp	21-8035
r co, keterver	32-1678
t co, Receiver P/S	32-1679
FUNDERTON ACCUES DIA AMONDALA	33-7117
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Addendums

Random Number Generator Operation

Random Number Generator is an option that is not installed on every desk due to legalities in most states. It is the responsibility of the user to determine the legality of the use of Random Number Generator in your local area. It is a different program that randomly generates BINGO numbers so you don't have to use the blower or balls.

In Manual mode, press and hold the Blower/Random switch (18) until the green L.E.D. lights next to Random. The blower motor will turn off. Each time you press the switch in Random mode a new random number will be generated.

You can program a Random game and when you go into Auto mode at the Random game, all you have to do is press the switch each time the timer counts down and a new random number will be generated.

Option is comprised of the following: 1 PROM, P/N 43-7500 Rev._ FB Option

	- -	
Comments	Comments	Comments
Game #	Game #	Game #
Timer	Timer	Timer
Special On Off	Special On Off	Special On Off
Mode B N G	Mode B N G	Mode BING
75 / 90 75 90	75 / 90 75 90	75 / 90 75 90
Reverse On Off	Reverse On Off	Reverse On Off
Lost # On Off	Lost # On Off	_ast # On Off
Pattern	Pattern	Pattern
Save	Save	Save
3445	Jave	Save
6		_
Comments	Comments	Comments
Game #	Game #	Game #
Imer	Timer	Timer
Special On Off	Special On Off	Special On Off
Mode B N G	Mode B N G	Mode BI N G
75 / SØ 75 SØ	75 / 90 75 90	75 / 90 75 90
Reverse On Off	Reverse On Off	Reverse On Off
Last # On Off	Last # On Off	Last # On Offi
Pattern	Pattern	Pattern
Save	Save	Save
Comments	Commenis	Comments
Comments Game #	Comments Game #	Comments Game #
Game # Timer	Game # Timer	Came # Timer
Game # Timer Special On Off	Game # Timer Special On Off	Game # Timer Special On Off
Game # Timer Special On Off Mode B N G	Game # Timer	Game # Timer Special On Off
Game # Timer Special On Off Mode B N G 75 / 90 75 90	Game # Timer Special On Off	Game # Timer Special On Off
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off	Game # Timer Special On Off Mode BINIG
Game # Timer Special On Off Mode B N G 75 / 90 75 90	Game # Timer Special On Off Mode B N G 75 / 90 75 90	Game # Timer Special Onl Off Mode BliN G 75 / 90 75 90
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off Last # On Off	Game # Timer Special Onl Off Mode BliNi G 75 / 90 75 190 Reverse On Off
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off	Game # Timer Special On Off Mode BliN G 75 / 90 75 190 Reverse On Off
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off Last # On Off Pattern	Game # Timer Special On Off Mode BliN G 75 / 90 75 90 Reverse On Off Last # On Off
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off Lost # On Off Pottern Save	Game # Timer Special On Off Mode BliN G 75 / 90 75 90 Reverse On Off Cast # On Off Pattern Save
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off Last # On Off Pattern Save	Come # Timer Special On Off Mode BliN G 75 / 90 75 90 Reverse On Off Pattern Seve
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Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save Comments Game # Timer Special On Off	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save Comments Game # Timer Special On Off	Game # Timer Special On Off Mode BING 75 / 90 75 90 Reverse On Off Cattern Save Comments Game # Timer Special On Off
Gome # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save Comments Game # Timer Special On Off Mode B N G	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse Cn Off Lost # On Off Pottern Save Comments Game # Timer Special On Off Mode B N G	Game # Timer Special On Off Mode BliN/G 75 / 90 75 90 Reverse On Off Cast # On Off Pattern Save Comments Game # Timer Special On Off
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save Comments Come # Timer Special On Off Mode B N G 75 / 90 75 90	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save Comments Game # Timer Special On Off Mode B N G 75 / 90 75 90	Game # Timer Special On Off Mode BliNIG 75 / 90 75 190 Reverse On Off Cast # On Off Pattern Save Comments Game # Timer Special On Off Mode Bl:NIG 75 / 90 75 190
Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Last # On Off Pattern Save Comments Came # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off	Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off Lost # On Off Pottern Save Comments Game # Timer Special On Off Mode B N G 75 / 90 75 90 Reverse On Off	Game # Timer Special On Off Mode BliN G 75 / 90 75 90 Reverse On Off Pattern Save Comments Game # Timer Special On Off Mode Bl:N G 75 / 90 75 90 Reverse On Off
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Save

Save

Save

