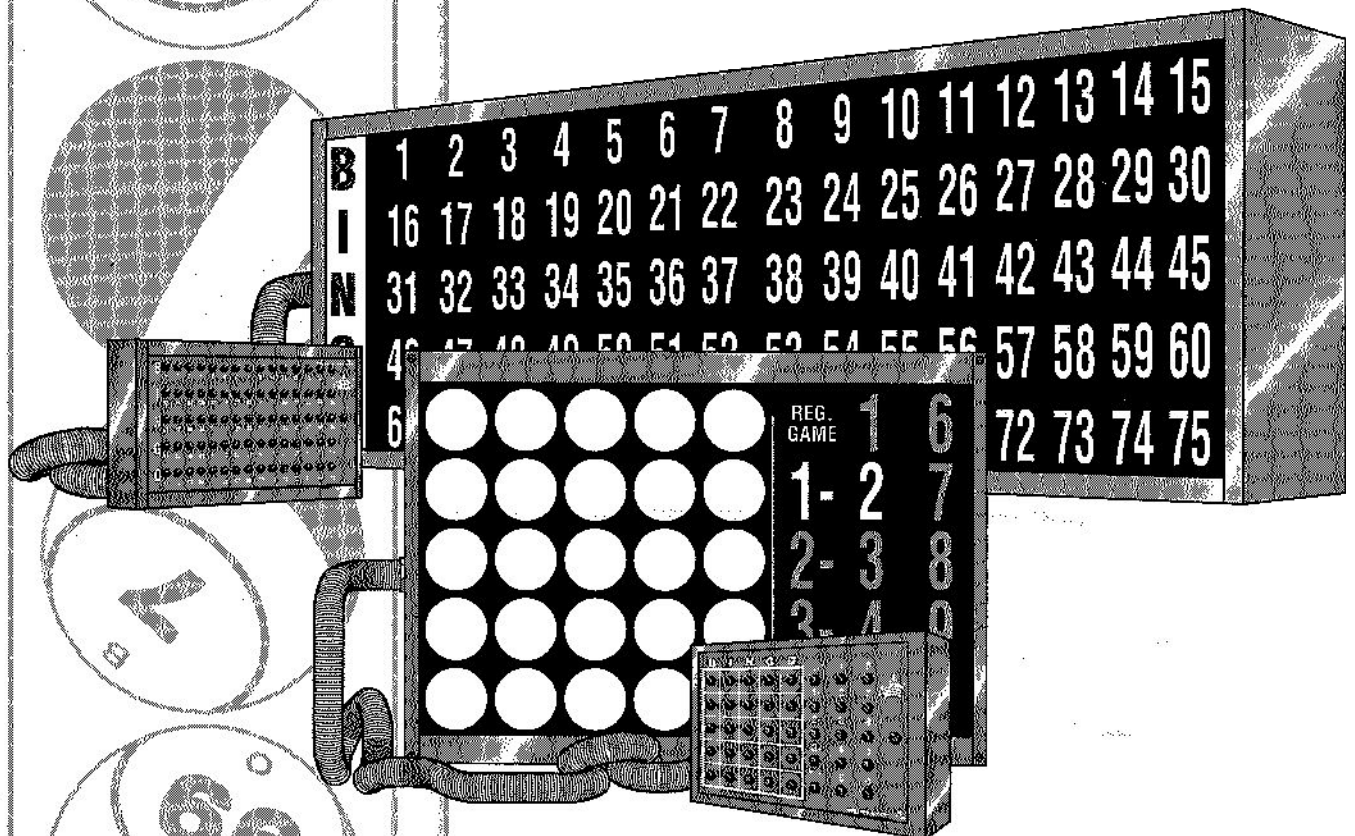


525 Manual Flashboard and 121 Game Indicator Operator's Manual

Arrow International
Equipment Division



Thank you for choosing to purchase Arrow International's Capitol Bingo Equipment. We are confident that you will be completely satisfied with our high quality, durable bingo equipment. Our Capitol Bingo Equipment has the most technologically-advanced electronics and is designed for easy and reliable operation and trouble-free maintenance by the operator.

Arrow manufactures the highest furniture quality, hand crafted equipment consoles in the industry. Our metal fabricated steel consoles are constructed of the finest, heavy duty materials available and guaranteed to withstand many years of use.

This equipment manual introduces you to the 525 Manual Flashboard and 121 Game Indicator. It will take you step by step through unpacking your system and the simple procedures for installation, set up and operation. Easy to follow instructions and illustrations allow you to perform routine service and maintenance.

Arrow's hard work and dedication enable us to offer you a breadth of product line that continues to grow. We are proud to offer you the most extensive charitable fundraising product line consisting of high quality, easy to open Popp-Opens™ tabs; "Top Shelf" banded jar tickets; the largest series of bingo paper available in the largest variety of colors, patterns and cuts to meet your game's needs; Tear Opens™; and our popular Wink® Ink, Ink-A-Dot™ and Electra Dot™ bingo markers. This dedication to providing an extensive line of high quality products is accompanied by our commitment to satisfying your product needs with fast and trouble free service.

We value you as a customer and always welcome and appreciate your comments and suggestions to help improve our products. Our best suggestions always come from our game operators and distributors. We want you to always be a satisfied customer, and we will continue to design and improve our products through the valuable feedback received from you and our reliable network of Arrow Distributors.

Once again, thank you for choosing Arrow International/Capitol for your charitable fundraising needs.



John E. Gallagher, Sr.
President



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Damage Action Process

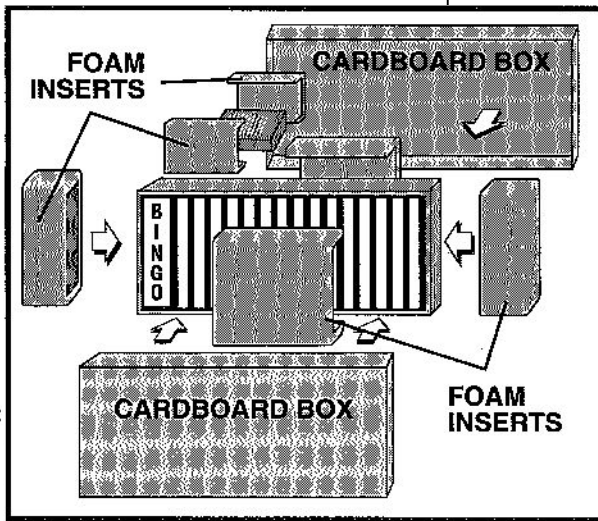
Your Capitol Bingo Equipment contains delicate electronic equipment. It is imperative that you thoroughly inspect the contents of the package before accepting from the carrier. In case of damage, make a note on the bill of lading before accepting, take a photo of the damage, and keep the packaging to aid in recovering the amount of claim against the carrier.

In case of severe damage, refuse the equipment from the carrier.

If the product is damaged but acceptable, take a photo before and after unpacking as a record of the damage and contact the carrier's agent immediately for inspection. Be sure to obtain a copy of the inspection report for your records.

If these precautions are not taken, we cannot assist you in recovering the amount of the claim against the carrier.

I. Unpacking

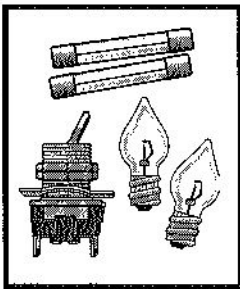


Arrow International designed your manual bingo equipment to have a distinctively attractive appearance, and we used careful manufacturing and assembly techniques to preserve this appearance. Each system is inspected for scratches, bumps or abrasions during packing, and is warranted to be free from defects.

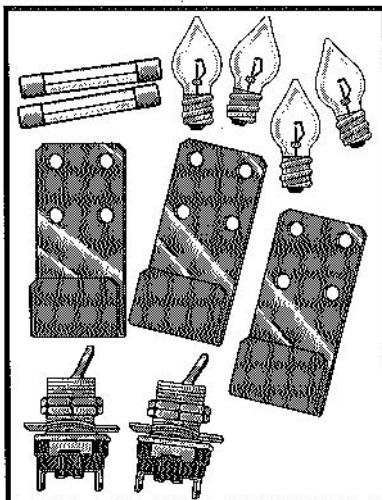
These flashboards are banded into a heavy cardboard enclosure with foam inserts at each end and at the middle (525 only). The carton is marked with various warning labels and stampings. Lay the carton down flat, observing labels indicating which side is up.

Before opening, closely inspect the carton for evidence of shipping damage such as puncture holes, tears, and crushed edges or corners. Damage to the carton may alert you to damage to the flashboard.

121 PARTS KIT



525 PARTS KIT



Use scissors to cut all straps. Do not use knives or other slitting tools. Carefully lift off the carton top. Slide the end pieces off to allow access to the handles. Make sure the back of the unit is facing down on the cardboard to prevent scratching. Obtain assistance in setting the flashboard upright.

Caution - The 525 flashboard weighs approximately 107 pounds, get assistance before lifting. The 121 weighs approximately 65 pounds.

Do not destroy or discard carton materials until after final inspection and testing. Inspect the flashboard to insure that all plexiglass is in place and free of cracks or heavy scratches. Inspect the masonite panels and the four rubber feet on the back for damage. Removal of the rubber feet is not suggested for they allow air flow behind the unit.

The following parts can be found inside the carton with your system:

(1) 525 Manual flashboard parts kit which includes:

- (4) 7C7 light bulbs
- (2) on/off flat handle toggle switches
- (2) fuses 15 AMP AGC-3AG

or (1) 121 Game Indicator parts kit which includes:

- (2) 7C7 light bulbs
- (1) on/off flat handle toggle switch
- (2) fuses 15 AMP AGC-3AG

If damage to your equipment is evident, or if you have problems in any of the above areas, contact your area distributor immediately for assistance.

Warranty Assurance

At this time, please verify the serial numbers and fill out the warranty card. On these displays, the numbers are located on the left side of the display below the handle.

To validate your warranty, you must complete the enclosed warranty card and return it to Arrow International, Inc. within 30 days of purchase from your Capitol Bingo Equipment Distributor.

A second warranty card appears on the back cover of this manual. We suggest that you fill out this card and keep the information on hand for future reference.

II. Physical Installation

These displays are single indicator displays and come standard with 16 feet of control cable between the switch box and display. Longer lengths of data cable up to a maximum distance of 100 feet are available at the time of order.

A. Wall Mounting Preparation

Before attempting to mount any flashboard to the wall, you must first determine the type of wall construction. For hollow walls, we recommend that the flashboard mounting brackets be fastened directly into wall studs. For concrete, brick and cinder block construction, the mounting brackets should be fastened using a bolt and anchor method (moly bolt). If other methods of wall construction are used, consider ceiling mounting or consult our service department for advice.

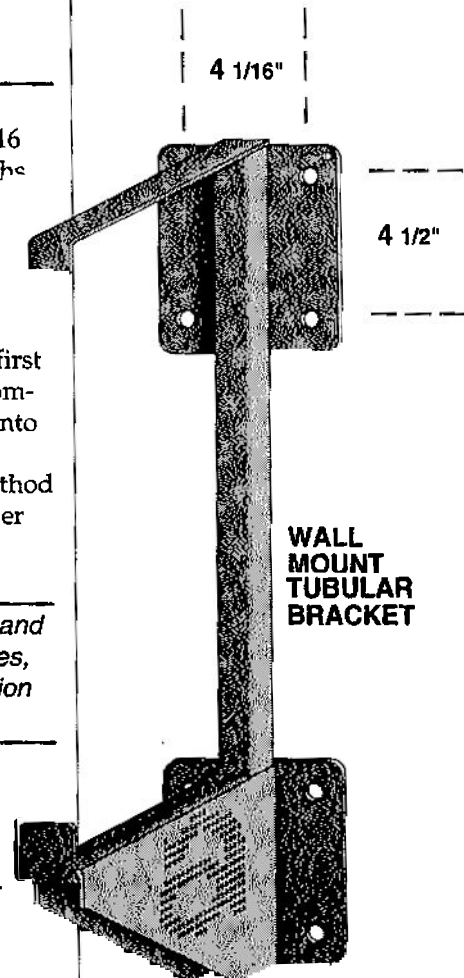
Caution: Before attempting any installation, have a qualified, licensed and bonded rigger or electrician verify the type of installation. In many cases, the local building inspector may require a permit as well as an inspection of the site for structural stability.

B. Wall Mount Tubular Bracket (Optional)

For hollow wall construction, use $3/8" \times 3-1/2"$ lag bolts. Fasten brackets directly into wall studs. For masonry construction, use $3/8" \times 1 1/2"$ or larger lag screw and expansion shield.

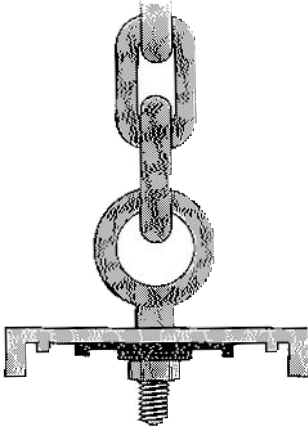
Choose the proper height for easy viewing and mark the location on the wall. This mounting bracket supports the flashboard from the bottom and may be used to mark the mounting holes. Locate the brackets equally from each end;

Caution - The 525 flashboard weighs approximately 107 pounds, get assistance before lifting. The 121 weighs approximately 65 pounds.

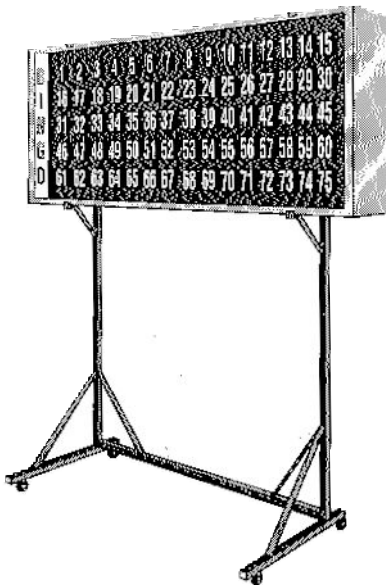


Important: Do not hang flashboard from its handles.

Caution: Before attempting any installation, have a qualified, licensed and bonded rigger or electrician verify the type of installation. In many cases, the local building inspector may require a permit as well as an inspection of the site for structural stability.



EYEBOLT FOR CHAIN MOUNT



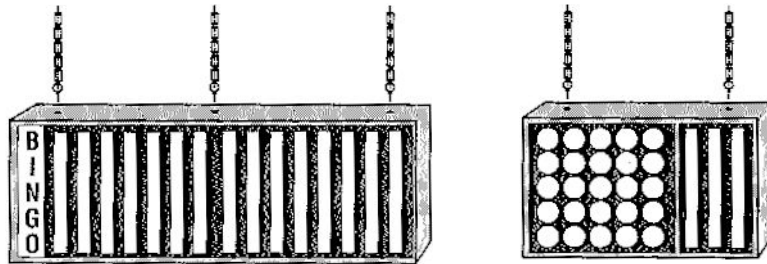
make sure the brackets are level and away from any obstructions. Drill the proper clearance holes for the mounting method appropriate for your wall.

C. Ceiling Mounted Flashboards (Optional)

In any ceiling application, the chain or wire must be attached to the steel building frame or girder. In addition, check with your local building inspector for local codes governing weight restrictions and mounting methods.

There are two different methods for suspending these flashboards from the ceiling.

1. **Chain:**
Use a high quality 3/8" or larger chain link made of high strength alloy, steel grade 80 or its equivalent. Bolt chain together with a 3/8" x 1-3/4" bolt with two flatwashers, a lockwasher and a hex nut.
2. **Wire:**
Use a high quality 1/8" or larger diameter 19x7 strand steel aircraft cable or its equivalent with appropriate cable clamp.



D. Flashboard Stand (Optional)

A flashboard stand allows for easy mobility and storage of your flashboard. These stands fit all flashboards and may be ordered through your distributor.

III. Electrical Installation

Plug the 121 or 525 power cord into a 120VAC 60HZ grounded wall outlet. Because these are non-electronic, hard-wired systems, only a single line connection is necessary.

IV. Operation

A main power switch controls the power to each display. Move the switch up for "on" and down for "off". Once power is supplied, the B-I-N-G-O lamps will illuminate. The corresponding ball switches or game pattern indicator switches are used to control the game display.

V. Periodic Customer Servicing

Periodic servicing of your 121 and 525 systems should include cleaning, polishing, and light bulb replacement.

A. Cleaning your System

- 1. Painted Surfaces - Console and Flashboard**
Use a mild soap solution or cleanser. Harsh cleansers or solvents may damage the paint or lettering. Follow with an automotive style polish.
- 2. Plexiglass Surfaces - Flashboard**
Use a mild soap solution such as a liquid detergent with a clean, soft cloth.

Caution: Overspraying may remove polish from nearby painted or wood surfaces. The front of the glass is a painted surface.

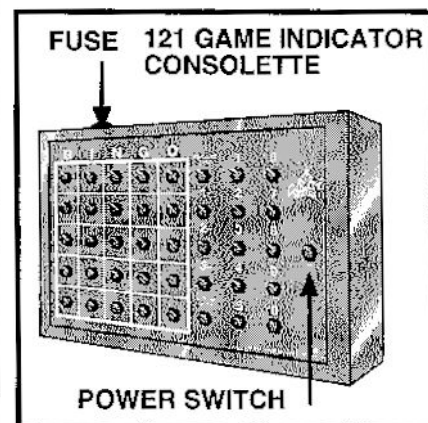
B. Changing Light Bulbs

Warning: Before changing light bulbs, always turn the power off.

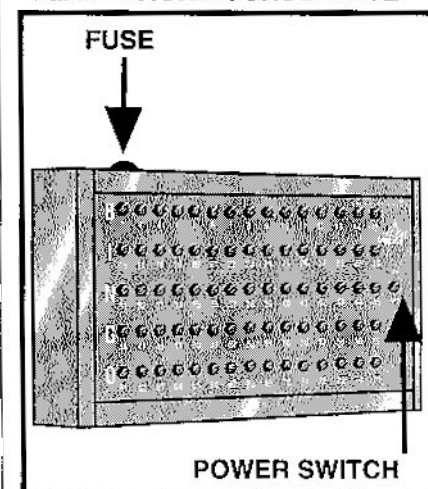
1. Remove the (5) screws at each end and remove the retaining bracket on either side of the flashboard. Once the bracket is removed, slide the plexiglass panel to the side.
2. Change the bulb-use a 120 volt 7C7 style lamp.
3. Slide the plexiglass panel to its original position.
4. Re-insert the bracket and re-tighten the screws.

You may also remove the masonite back of the flashboard to change light bulbs by pulling the socket out of the waffle hole. When reinserting the socket, verify that all wires are still connected to their original points.

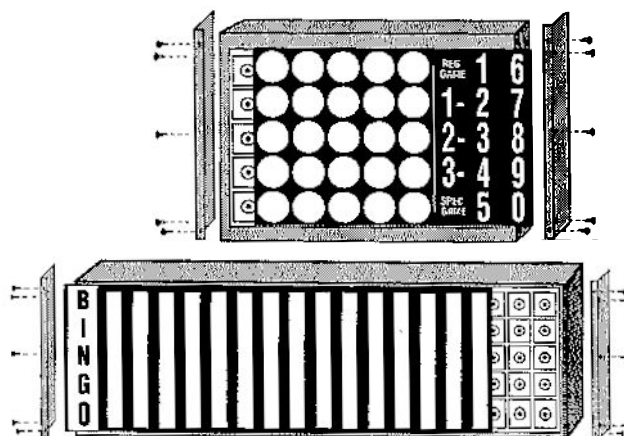
Caution: Unplug system before cleaning or servicing.

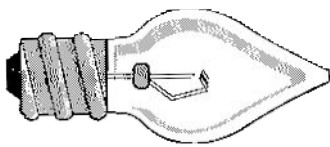
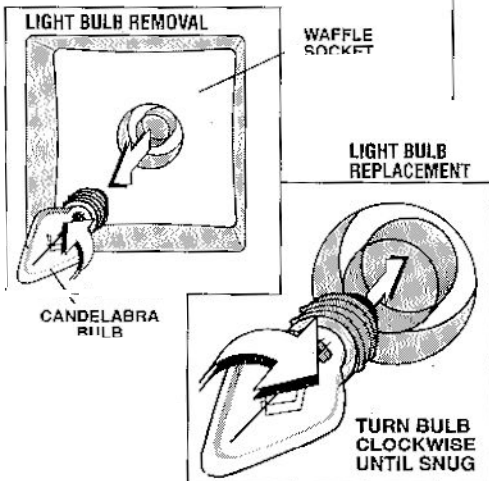


525 MANUAL FLASHBOARD CONSOLE



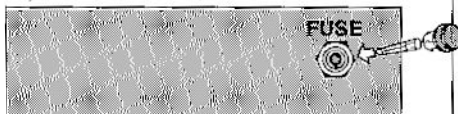
REMOVE METAL TRIM WITH A PHILLIPS SCREWDRIVER AND SLIDE PANELS TO CHANGE BULBS





7C7 120VOLT
CANDELABRA TYPE BULB

TO REMOVE FUSE
PUSH IN CAP, TURN
COUNTERCLOCKWISE AND
PULL OUT



REAR PANEL

To change bulbs:

1. Unscrew bulb while turning counterclockwise.
2. Remove bulb from socket.
3. Insert new bulb and turn clockwise until snug.

Additional bulbs may be purchased from your Arrow distributor or a local electrical or electronics supply house. When ordering replacement bulbs, ask for 7C7 120-volt candelabra type light bulbs.

C. Changing Fuses

The fuse on both the 525 manual flashboard and the 121 game indicator is located on the left side of the rear panel of the console. (See illustration) To replace it, simply push in the cap, turn it counterclockwise and pull it out. Use a 6 AMP AGC/3AG fuse.

VI. Troubleshooting

The troubleshooting section will help you, your distributor or a local electrician locate electrical problems that may arise with your bingo system. Several diagrams and schematics have been included in this manual to help you trace any problems. Questions going beyond the information shown here should be directed to your area distributor or directly to Arrow International

Before referring to the chart, please check to see that the following conditions are met:

1. Check all connections to system. Look for loose connections or broken wires. Do not attempt to service the control panel in the flashboard or console. Only trained service personnel are qualified to work in this area.
2. Consult troubleshooting table.
3. If further difficulties arise, consult an authorized Arrow distributor or the Arrow factory service center.

This troubleshooting chart assumes the following conditions.

1. The system is plugged into 120 VAC grounded wall outlet.
2. The power switch is turned "ON".

Troubleshooting table begins on the next page.

Troubleshooting Table —

PROBLEM	CAUSE	CORRECTIVE ACTION
<ul style="list-style-type: none"> • No flashboard power 	<ul style="list-style-type: none"> • Tripped service breaker • Defective service outlet • Primary fuse blown • Unit not plugged in • Defective fuse 	<ul style="list-style-type: none"> • Reset service breaker • Consult local electrician • Repair or replace outlet • Consult local electrician • Replace 15 AMP AGC-3AG type fuse • Plug unit into 120VAC grounded wall outlet • Replace 15 AMP AGC-3AG type fuse
<ul style="list-style-type: none"> • Console works but no FB display 	<ul style="list-style-type: none"> • Defective cable to flashboard 	<ul style="list-style-type: none"> • Repair or replace cable
<ul style="list-style-type: none"> • Lamps dim 	<ul style="list-style-type: none"> • Low line voltage • Defective primary fuse 	<ul style="list-style-type: none"> • Check service (main power grid) • Consult local utility • Replace primary fuse 15 AMP AGC-3AG type

VII. Electrical Specifications

All systems 120 VAC 60 Hz

A. 121

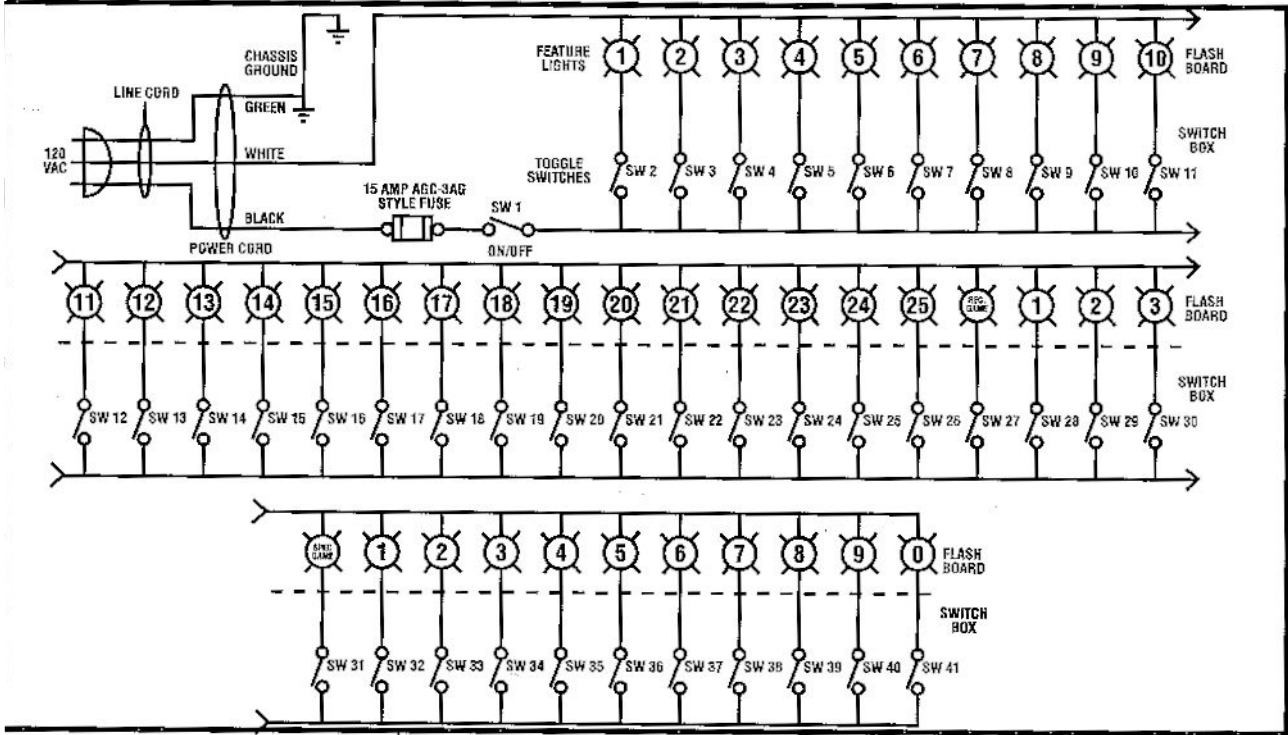
Total power required: 5 Amps, 1200W
 Primary fuse rating: 15 Amp AGC-3AG

B. 525

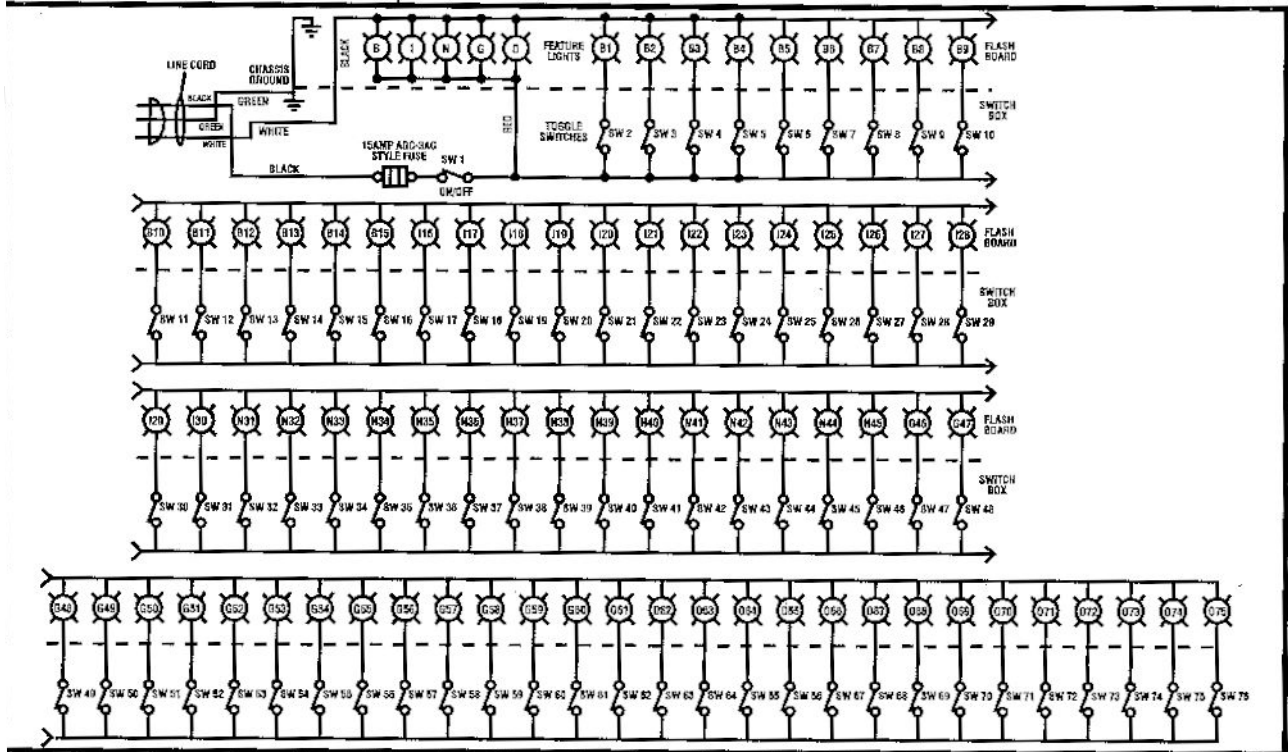
Total power required: 10 Amps, 600W
 Primary fuse rating: 15 Amp AGC-3AG

VIII. Wiring Diagrams

A. 121 Game Indicator Schematic



B. 525 Manual Flashboard Schematic



Capitol Bingo Equipment Limited Warranty

Set out below are the terms of the Limited Warranty made by Arrow International, Inc. ("Arrow") in connection with the sale of the Capitol Bingo Equipment (the "Equipment").

1. Limited Warranty

Arrow warrants to the original purchaser ("Purchaser") that the Equipment will, for a period of one year from the date of original purchase from an authorized Arrow dealer, be free from manufacturing defects in material and workmanship. Purchaser represents to Arrow that no employee, agent, or representative of Arrow (or of an Arrow dealer) has made any representation or warranty regarding the Equipment except as set out herein.

THE WARRANTY CARD MUST BE COMPLETED AND RETURNED TO ARROW WITHIN 30 DAYS OF PURCHASE FROM AN AUTHORIZED CAPITOL BINGO EQUIPMENT DISTRIBUTOR FOR THIS LIMITED WARRANTY TO BE EFFECTIVE. A purchase receipt or other proof of date of original purchase must be submitted with the Warranty Card and will be required before warranty service is rendered.

This Limited Warranty applies to normal commercial use and does not cover damage which occurs in shipment; failures which are caused by products not supplied by Arrow, failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, set-up adjustments or modifications. This Limited Warranty does not cover any damage to the Equipment resulting from failure to install in strict conformity with both local fire and building codes and regulations, or if installation does not comply with the installation instructions provided by Arrow.

2. Disclaimer of Warranties

Arrow makes no warranties, express or implied (including, without limitation, merchantability, fitness for particular purpose, or against infringement of any patent), except as expressly provided herein. The express warranties provided herein are in lieu of and exclude all other warranties, guarantees or representations, express or implied, whether arising by operation of law or otherwise.

3. Limitation of Remedies

If the Equipment supplied does not conform to the Limited Warranty set out above, Arrow will, at its option, (a) repair or replace the Equipment, or part thereof, which is defective or (b) refund so much of the purchase price as Purchaser has paid for the defective Equipment, less 1/24th of the purchase price for each month between the date of the purchase from an authorized Arrow dealer and the date of the discovery of the defect, provided that written notice of the defect and its nature is given to Arrow as soon as practical after discovery of the defect, but in no event later than 90 days from the date of the discovery of the defect.

4. Limitation of Liability

The remedy of repair, replacement, or refund of the purchase price is Purchaser's sole and exclusive remedy and will satisfy all of Arrow's liabilities, whether based on contract, negligence, tort, product liability, strict liability, or otherwise. IN NO EVENT WILL ARROW BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, NOR WILL ITS LIABILITY IN CONNECTION WITH ANY EQUIPMENT OR SERVICE SOLD (INCLUDING NONDELIVERY OR LATE DELIVERY THEREOF) EXCEED THE SALES PRICE OF SUCH EQUIPMENT OR SERVICE.

5. Warranty Voided

Any obligations of Arrow under this Limited Warranty will be deemed to have been satisfied if anyone other than an authorized Capitol Bingo Equipment Dealer services the Equipment.

6. Transfer of Limited Warranty

Purchaser may transfer its rights under this Limited Warranty, subject to the terms and conditions hereof, to a buyer ("Buyer") from Purchaser of the Equipment. Thereafter, the rights under this Limited Warranty are not transferable. For the transfer by Purchaser of the Limited Warranty to be effective, the following conditions must have occurred no later than the 30th day following the date of resale to Buyer:

- A. Purchaser must have complied with all requirements to make the Limited Warranty effective as to Purchaser;
- B. The Equipment (as an entire unit and as purchased by Purchaser) must be transferred to Buyer; and
- C. Buyer must have submitted a new warranty card together with proof of purchase by Buyer from Purchaser.

Upon an effective transfer of this Limited Warranty, Buyer will be considered to be "Purchaser" for paragraphs 1 and 4 hereof.

7. Inspection

With respect to any claim that the Equipment is defective, Arrow will be allowed a reasonable time to inspect the Equipment, in place. If the Equipment is altered or removed before Arrow has made such inspection or waived its right to do so, the obligations of Arrow will be deemed to have been satisfied.

8. Limitation of Actions

Any legal action against Arrow for a default of its obligations under this Limited Warranty must be commenced within two years from the date the Equipment was sold by an authorized dealer of the Equipment.

9. How to Obtain Service

If a problem with this Equipment develops during or after the warranty period, proceed as follows:

- A. Refer to your Operator's Manual and follow the Troubleshooting Table within the "Service Section."
- B. Contact the authorized Capitol Bingo Equipment Distributor from whom you purchased the Equipment.
- C. Contact the Capitol Bingo Equipment Service Manager at the most convenient phone number listed below:

1 (800) 321-0757 outside Ohio, but within the U.S.A.
1 (800) 537-3479 within the state of Ohio
1 (216) 961-3500 within the 216 area code or
— outside the continental U.S.A.
1 (216) 281-5250 FAX

SERVICE CALLS WHICH DO NOT INVOLVE DEFECTIVE MATERIALS OR WORKMANSHIP AS DETERMINED BY ARROW IN ITS SOLE DISCRETION, ARE NOT COVERED. COST OF SUCH SERVICE CALLS ARE THE RESPONSIBILITY OF THE PURCHASER.

Arrow wants you to remain a satisfied customer. If a problem occurs that cannot be resolved to your satisfaction, please contact us immediately. Phone one of the numbers listed above or write to:

Capitol Bingo Equipment Division
c/o National Service Manager
9900 Clinton Rd.
Cleveland, Ohio 44144

Please be sure to include the name, model number, serial number, date of original purchase, and the distributor from whom you purchased the Equipment, as well as any actions taken to correct the problem.

CUSTOMER WARRANTY CARD
CAPITOL BINGO EQUIPMENT OWNER REGISTRATION CARD

Model No _____ PCB No(s) _____

Serial No. _____ Date Purchased _____

Distributor Purchased From _____

Name of Organization _____

Address _____ Phone () _____

City _____ State _____ Zip _____

Chairman _____

Address _____ Phone () _____

City _____ State _____ Zip _____

Additional Information (Optional) ATTACH PROOF OF PURCHASE DATE

Purchase Price _____ Average Attendance _____

No. Of Night Games Played _____

Time Games Played _____ Average Spending Per Person _____

ARROW INTERNATIONAL, INC.

and our subsidiaries

CAPITAL GAME MANUFACTURING

METRO GAME MANUFACTURING

9900 Clinton Rd., Cleveland, Ohio 44144

1 (800) 321-0757 outside Ohio, but within the U.S.A.

1 (800) 537-3479 within the state of Ohio

1 (216) 961-3500 within the 216 area code or outside the continental U.S.A.

1 (216) 281-5250 FAX

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