

GLADIATOR™

TAITO  
AMERICA  
CORPORATION

660 S. WHEELING RD

WHEELING, IL

312-520-9280



1986

## GAME INSTRUCTIONS

Taito America Corporation's "GLADIATOR"™ is a high resolution one-on-one dueling game that provides graphics not seen in many video games.

Our hero, Gurianos, has come to the castle of the evil Gaius. His quest is to battle his way throughout the castle to finally defeat Gaius and save Princess Maitreya.

Equipped with a shield, a coat of armor and his sword Gurianos battles his opponents with the aid of your skill.

Use the joystick to move shield up and down position for defense. Also use the joystick to move Gurianos forward, back, up and down.

Use buttons to attack.

Use joystick to stoop down to pick up spears, shields etc.

As the battle continues Gurianos and his opponents will lose their armor until one is defeated.

Break magic crystal balls to repair Gurianos's armor.

Pick up four spears at start of each stage to turn Gurianos' armor to invincible gold.

**GLADIATOR™** the ultimate duel for excitement, adventure and tremendous return of investment.

This manual will guide you in the conversion of your horizontal color monitor upright video game into a "GLADIATOR"™ game. We urge you to read through the instructions before beginning the conversion.

## NOTICE

Be sure the power supply from your old game is capable of +5 vdc regulated at 6A; +12 vdc regulated at 1A. These operating voltages are necessary for your kit.

### TAITO AMERICA CORPORATION KIT PARTS PROVIDED

- 1-"GLADIATOR"<sup>TM</sup> PC BOARD ASSEMBLY
- 1-4 WAY JOYSTICK ASSEMBLY
- 1-"GLADIATOR"<sup>TM</sup> CONTROL PANEL OVERLAY
- 1-"GLADIATOR"<sup>TM</sup> MONITOR COVER PLEXIGLASS
- 1-"GLADIATOR"<sup>TM</sup> MARQUEE
- 1-WIRING HARNESS
- 1-INSTRUCTION CARD WITH REMOVABLE CONTROL STICKERS
- 3-BUTTONS
- 1-FCC CAGE
- 2-PCB MOUNTING BLOCKS

### TOOLS AND SUPPLIES REQUIRED

SCREWDRIVER  
WIRE CUTTERS  
ELECTRIC DRILL WITH BITS  
SOLDERING IRON AND SOLDER  
PLIERS  
PHILLIPS SCREWDRIVER  
HEX DRIVER  
180-GRIT SANDPAPER  
GREASE PENCIL OR MARKER  
X-ACTO KNIFE  
HACKSAW, JIGSAW OR TABLESAW W/CARBIDE-TIPPED BLADE  
ELECTRICAL TAPE OR HEAT-SHRINK TUBING

All games require a certain amount of maintenance to keep in good condition. A periodic check of mechanical controls would be beneficial to guarantee your game will be profitable.

## **CONTROL PANEL**

Remove the old control panel buttons or joysticks. Clean and sand smooth any imperfections on the existing lexan material.

Place the template provided in this manual on the control panel to design the best possible positioning for your buttons, joystick and control panel instructions.

Included in this manual is a suggested lay-out of the joystick and button arrangements best suited for ease of game play. Please note that this is not a template to be used for your control panel.

Leave your 1 and 2 player start buttons where they are on the old control panel. (Use the enclosed 1 and 2 player stickers if needed.) Drill holes as needed for installation of the joystick and other buttons. Clean any burrs from around holes. Any hole that is no longer needed we suggest plugging with wood, putty or epoxy.

Remove any soil and/or grime from the front of the old control panel lexan.

Cut the new "GLADIATOR"<sup>TM</sup> lexan to the appropriate size needed to cover the panel. If possible, leave enough lexan to wrap a small lip around the top and bottom of the panel.

Remove the backing from the "GLADIATOR"<sup>TM</sup> lexan and apply it over the old control panel being careful to avoid air pockets.

After the lexan is securely on, with an x-acto knife or razor blade cut the holes on the control panel. Install the new joystick, buttons and any hardware that might have been removed on the control panel and tighten them down.

Attach the additional stickers marked "Sword Up, Sword Forward and Sword Down" to the control panel.

## **ADDITIONAL GAME PLAY INSTRUCTIONS**

Your new monitor plexiglass has instructions on it. If when installing the new monitor plexiglass it becomes necessary to cut through the instructions, place the additional set of instructions on the monitor plexiglass.

## WIRING PROCEDURES

### INSTALLING INTERBOARD WIRING

This game comes with a color-coded 3 connector cable for easy installation. Refer to the wiring diagram included in this manual for quick connections.

Disconnect the old wiring harness from the old CPU board.

Carefully remove old circuitboards and FCC cages from the game.

Using the schematic drawings from your old game, carefully note the function of each wire.

Leaving several inches of wire from the old wiring harness at each connector, cut the wires near the game's coin door, monitor, control panel, power supply and speaker wires. Install the new wiring harness to those points following your wiring diagram. Use electrical tape or heat-shrink tubing to insulate all splices.

Install your FCC cage where the old board set was.

Mount the "GLADIATOR"<sup>TM</sup> PCB assembly with the mounting blocks provided in the center of the FCC cage. Plug the wiring harness onto the PCB and close the cage securely.

If your game has seriespass transistors for the power supply on a separate heatsink, remount the metal heatsink beside the power supply board.

Check and clean the input jack on the power supply board. Replace any burned or damaged pins.

**GAME PLAY AND DIP SWITCH SETTINGS**

"GLADIATOR"™ has been designed with dip switches for operator-adjustable features for maximum earnings in your location. Using the dip switch chart provided in this manual will allow you to customize the game for your location.

If done properly your game should look new. The conversion is complete.

**WE APPRECIATE YOUR PURCHASE OF TAITO AMERICA'S  
"GLADIATOR"™ KIT AND SINCERELY HOPE THAT THE GAME PROVIDES  
MANY HOURS OF CONTINUED EARNINGS AND ENJOYMENT FOR YOU  
AND YOUR PLAYERS.**

**PLEASE LOOK TO TAITO AMERICA CORPORATION TO ALWAYS  
PROVIDE THE VERY BEST IN VIDEO ENTERTAINMENT FOR YOU!**

## WIRING DIAGRAM FOR GLADIATOR™

FUNCTION	COLOR	COLOR	FUNCTION
GROUND *	BLK *	1   A   BLK	*   GROUND *
GROUND *	BLK *	2   B   BLK	*   GROUND *
+5 VOLTS *	RED *	3   C   RED	*   +5 VOLTS *
		4   D	
+12 VOLTS *	YEL *	5   E   YEL	*   +12 VOLTS *
SOUND (-)	BLK/WHT	6   F   ORG	SOUND (+)
METER	BLU	7   H   WHT	VIDEO SYNC
(COIN OPTION 2) **		8   J   BLU	VIDEO BLUE
COIN SW 1	BRN	9   K   GRN	VIDEO GREEN
		10   L   RED	VIDEO RED
		11   M   GRN/WHT	SWORD MIDDLE
		12   N   PINK/WHT	SWORD LOWER
		13   P   RED/WHT	JOY DOWN
		14   R   ORG/WHT	JOY UP
		15   S   YEL/WHT	JOY RIGHT
		16   T   BRN/WHT	JOY LEFT
		17   U   VIO/WHT	SWORD UPPER
SELECT 2P	BLU/WHT	18   V   GRY/WHT	SELECT 1P
PARTS SIDE		PIN NO.	SOLDER SIDE

BLK-BLACK    WHT-WHITE    ORG-ORANGE    YEL-YELLOW    GRN-GREEN

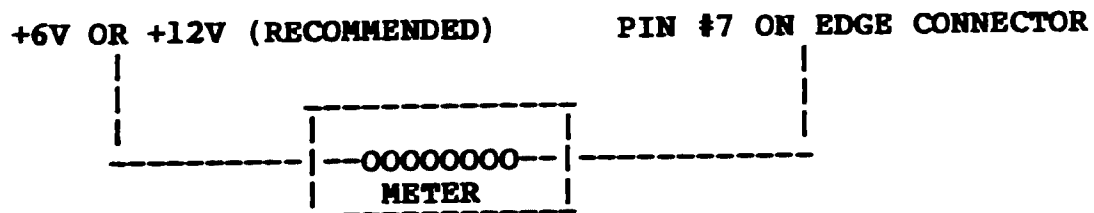
VIO-VIOLET    BLU-BLUE    BRN-BROWN    GRY-GRAY    RED-RED

( xxx/WHT MEANS SOLID COLOR WIRE WITH WHITE STRIPE )

\*\* DENOTES 18 GAUGE WIRE, ALL OTHERS WILL BE 22 GAUGE WIRE.

\*\*\* THIS IS AN OPTION THAT IS DIP SWITCH PROGRAMMABLE; SEE DIP SWITCH SETTING CHART.

FOR COIN METER CONNECTION:



## GLADIATOR™ KIT DIP SWITCH SETTINGS

SWITCH BANK "1"	1	2	3	4	5	6	7	8
EASIEST	OFF	OFF						
EASY	ON	OFF						
DIFFICULT	OFF	ON						
HARDEST	ON	ON						
<hr/>								
<b>AFTER 4 STAGES ARE PLAYED:</b>								
GAME ENDS			OFF					
GAME CONTINUES			ON					
<hr/>								
<b>BONUS PLAYER:</b>								
EVERY 100,000 POINTS				OFF				
ONLY AT 100,000 POINTS				ON				
<hr/>								
1 PLAYER					OFF	OFF		
2 PLAYERS					ON	OFF		
3 PLAYERS					OFF	ON		
4 PLAYERS					ON	ON		
<hr/>								
"CONTINUE" FEATURE							OFF	
NO "CONTINUE" FEATURE							ON	
<hr/>								
ATTRACT SOUND OFF								OFF
ATTRACT SOUND ON								ON
<hr/>								
SWITCH BANK "2"	1	2	3	4	5	6	7	8
<hr/>								
<b>COIN SWITCH 1:</b>								
1 COIN 1 CREDIT	OFF	OFF						
1 COIN 2 CREDITS	ON	OFF						
1 COIN 4 CREDITS	OFF	ON						
1 COIN 5 CREDITS	ON	ON						
<hr/>								
<b>*COIN SWITCH 2 (OPTIONAL):</b>								
2 COINS 1 CREDIT			OFF	OFF				
3 COINS 1 CREDIT			ON	OFF				
4 COINS 1 CREDIT			OFF	ON				
5 COINS 1 CREDIT			ON	ON				
<hr/>								
NORMAL PLAY					OFF			
FREE PLAY					ON			
<hr/>								
UPRIGHT MODE							ON	
COCKTAIL MODE							OFF	
<hr/>								
MONITOR REVERSE								OFF
								ON
<hr/>								



## GLADIATOR™ KIT DIP SWITCH SETTINGS (PAGE 2)

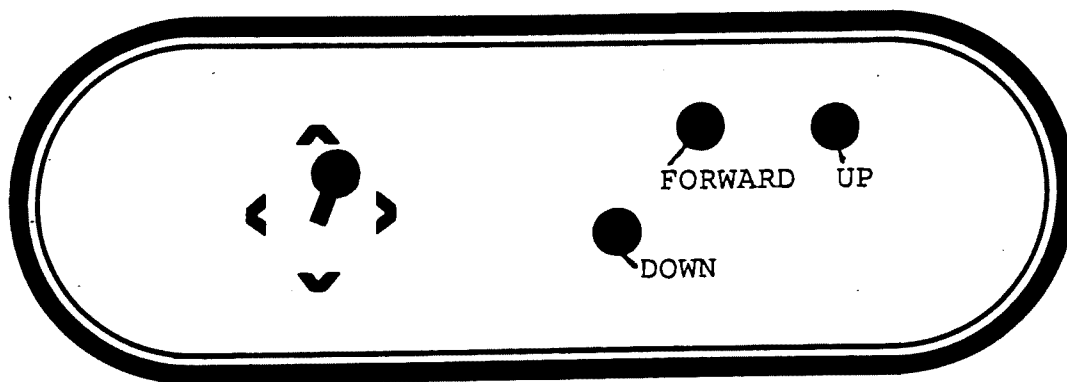
SWITCH BANK "3"	1	2	3	4	5	6	7	8
NORMAL MODE	OFF							
NO HIT MODE	ON							
NORMAL MEMORY BACKUP		OFF						
CLEAR MEMORY BACKUP		ON						
STARTING STAGE 1			OFF	OFF				
STARTING STAGE 2			ON	OFF				
STARTING STAGE 3			OFF	ON				
STARTING STAGE 4								
NORMAL GAME								OFF
TEST MODE								ON

### FACTORY SETTINGS

SWITCH BANK "1"	ON	OFF	ON	ON	OFF	ON	OFF	ON
SWITCH BANK "2"	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
SWITCH BANK "3"	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF

**\*IF THIS OPTION IS NEEDED PLEASE REVIEW THE WIRING DIAGRAM AND MAKE NECESSARY MODIFICATIONS.**

### SUGGESTED ARRANGEMENT OF JOYSTICK & BUTTONS



# JOYSTICK TEMPLATE

FIGURE 3

