KING KIT™
INSTRUCTION MANUAL
OCTOBER 15, 1985

MEMETRON PRESENTS
THE PRO WRESTLING EVENT OF THE CENTURY!

MAT MANIA™

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TAITO AMERICA CORPORATION
LICENSED BY TECNOS, JAPAN
DISTRIBUTED BY MEMETRON INC.

FOR THE SERVICE THAT KEEPS YOU GOING 312-565-2828
2350 BRICKVALE DRIVE
ELKGROVE VILLAGE, IL. 60007
VIDEO GAME OPERATOR:

Don’t Get Involved In A Federal Crime. Don’t Buy Or Operate Copy Or Unauthorized Boards In Your Games.

Warning

Every operator who has or operates a counterfeit or unauthorized board (imported or domestic) is contributing to the end of our industry and committing a FEDERAL CRIME.

New criminal laws have recently been enacted that provide for maximum penalties of $250,000 or five years in prison or both, per offense. EACH GAME IS A SEPARATE OFFENSE.

DON’T GET INVOLVED IN THIS CRIMINAL ACT.

FBI WARNING

If you have any information about any unauthorized games in the United States, contact your local FBI or,

American Amusement Machine Association

205 The Strand
Suite 3
Alexandria, Virginia 22314
(703) 548-8044
IMPORTANT

F.C.C. WARNING

"This Kit is intended for use only on coin operated video games manufactured after October 1, 1983, which have been verified for compliance with the requirements in Part 15 of FCC rule for class A computing devices. Improper connection of the kit or connection to any other coin operated video game not so manufactured or verified for compliance may cause unacceptable interference to radio and T.V. reception requiring the operator to make necessary changes to correct the interference. Memetron, Inc., takes no responsibility for kits improperly connected and those connected to games for which use is not intended."
WARNINGS & NOTICES

WARNING

For safety and reliability, Memetron Inc., does not recommend or authorize any substitute parts or modifications of Memetron equipment.

Use of non-Memetron parts and modifications of game circuitry may adversely affect game performance.

Substitute parts or equipment modifications may void FCC type acceptance.

Since this game is protected by Federal copyright, trademark and patent laws, unauthorized game-conversions may be illegal under federal law.

This "conversion" principle also applies to unauthorized facsimiles of Memetron Inc., equipment, logos, designs, publications, assemblies and games (or features not deemed to be in the public domain), whether manufactured with Memetron components or not.

WARNING

Three-Wire Plug this game must be plugged into a properly-grounded outlet to prevent shock hazard and to assure proper game operation. Do Not use a "cheater" plug to defeat the ground pin on the power cord, and do not cut off the ground pin.

NOTICE

Parts salvaged from your old game are required to complete your kit. These salvaged parts MUST operate perfectly, or the converted game can not perform properly or safely. Always repair circuitboard malfunctions and cabinet damage before conversion is attempted.
NOTICE

This kit is not intended for use with X-Y monitors. Suitable monitors are the horizontal or vertical raster-type with inputs for red, green and blue video as well as negative sync. (These inputs should be compatible with TTL logic levels.) Note: Mat Mania™ uses a vertical monitor.

NOTICE

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

NOTICE

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NOTICE

Please make sure you clean and lubricate your old coin mechanisms. It is important that you service them in order for this game to earn the maximum projected earnings.

**KING KIT'S PARTS LIST PROVIDED**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB BOARD</td>
<td>(1)</td>
</tr>
<tr>
<td>JOY STICK</td>
<td>(1)</td>
</tr>
<tr>
<td>CONTROL PANEL OVERLAY</td>
<td>(1)</td>
</tr>
<tr>
<td>PLEXI CRT</td>
<td>(1)</td>
</tr>
<tr>
<td>PLEXI MARQUEE</td>
<td>(1)</td>
</tr>
<tr>
<td>WIRING HARNESS</td>
<td>(1)</td>
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<tr>
<td>INSTRUCTIONS</td>
<td>(1)</td>
</tr>
<tr>
<td>PLAY INSTRUCTIONS</td>
<td>(1)</td>
</tr>
<tr>
<td>MISC CONTROL STICKERS</td>
<td>(1)</td>
</tr>
<tr>
<td>DRILLING TEMPLATE</td>
<td>(1)</td>
</tr>
<tr>
<td>JOYSTICK STAR</td>
<td>(1)</td>
</tr>
<tr>
<td>BUTTONS</td>
<td>(4)</td>
</tr>
<tr>
<td>FCC CAGE</td>
<td>(1)</td>
</tr>
</tbody>
</table>
TOOLS AND SUPPLIES REQUIRED

[] SCREWDRIVER
[] WIRE CUTTERS
[] ELECTRIC DRILL
[] SOLDERING IRON & SOLDER
[] PLIERS
[] PHILLIPS SCREWDRIVER
[] HEX DRIVER
[] 180-GRIT SANDPAPER
[] FIRE ENGINE RED, SEMI-GLOSS LATEX PAINT
[] GREASE PENCIL OR MARKER
[] X-ACTO KNIFE
[] HACKSAW or JIGSAW

CABINET

Inspect your old cabinet for any gouges or items stuck on the extremity such as chewing gum. Remove all foreign objects and fill in the gouges with any type of quick hardening wood putty. Sand to make sure the surface is smooth and wipe clean the outside of the old cabinet. Remember the reason you are converting your game is to have the earnings of a new game. Making it look like a new game will increase your earnings and player interest.

CRT & MARQUEE

Remove the new crt and marquee from the kit box. Place and center the old marquee and crt on top of the new crt and marquee. Stick masking tape on the area where you intend to cut the plexiglass. Take your grease pencil and draw a straight line to use as a cutting guide. Using your hacksaw or jigsaw cut the plexiglass down to size. Replace the new cut to size plexiglass marquee and crt cover on your game. If done correctly your game should look almost new.
CONTROL PANEL

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

Place the template that comes with the game on the control panel in order to design the best possible positioning for your buttons, joystick and control panel instructions.

Please leave your 1 or 2 player start button holes where they are. Drill holes as needed for installation of the joystick and other buttons. Any hole that is no longer needed we suggest plugging with wood blocks, putty, cardboard or epoxy. Remove the backing from the rear and carefully place the control panel overlay on the old control panel being careful not to get any air bubbles in the vinyl when it’s applied.

After the control panel is securely on, with an exacto knife knife or razor blade carefully cut out holes on the control panel. Next stick the joystick stars and button stickers on the control panel. Replace your buttons on the control panel and tighten them down. Return the control panel to the game for the next step in the kit process.

GAME PLAY INSTRUCTIONS

Your game comes with two sets of instruction decals, one to mount horizontally and the other to mount vertically. Depending on the amount room around the Ctrl. After conversion choose set A or set B for installation on your game but not both.
NOTICE

Refer to the decal layout sheet for more information on graphics position.

Refer to the control panel template for control layout suggestions.

If the control panel that you are going to use is wood and is too thick for use with the enclosed button holders, then remove the switches from the holders and shim them with spacers.

Make sure that the control panel is on straight.

WIRING PROCEDURES
INSTALLING INTERBOARD WIRING

[] Disconnect the old wiring harness from the CPU board. Using the schematic drawings from your old game, carefully note the function of each wire. Label the wires if this helps.

[] Carefully remove all circuitboards and the metal circuitboard panel from the game.

[] Leaving several inches of wire from the old wiring harness at each connector, cut the wires near the game's coin door, monitor, player panel, power-supply and speaker wires to the new CPU-board harness. Using electrical tape, be sure to insulate all splices.

[] If your game has series-pass 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.

THANK YOU FOR YOUR PURCHASE OF A, MEMETRON KING KIT.
## MAIN HARNESS

### MAT MANIA

<table>
<thead>
<tr>
<th>SOLDER SIDE</th>
<th>PARTS SIDE</th>
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<tbody>
<tr>
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<tr>
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<tr>
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<td>VIO-WHT</td>
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# DIP SWITCH SETTINGS

## DIP SWITCH 1

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<tr>
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<th>4</th>
<th>5</th>
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<tbody>
<tr>
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<td>OFF</td>
<td>ON</td>
<td>OFF</td>
<td>OFF</td>
<td>ON</td>
<td>ON</td>
<td>8</td>
</tr>
</tbody>
</table>

- **Coin-A**
  - 1 Coin - 1 Play
  - 1 Coin - 2 Play
  - 1 Coin - 3 Play
  - 2 Coin - 1 Play

- **Coin-B**
  - 1 Coin - 1 Play
  - 1 Coin - 2 Play
  - 1 Coin - 3 Play
  - 2 Coin - 1 Play

- **Sound for Demonstration**
  - OFF
  - ON

- **TV-Screen**
  - OFF
  - ON

- **Check Program**
  - OFF
  - ON

*(normal screen)*

*(flipp screen vertically)*

## DIP SWITCH 2

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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<td>OFF</td>
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<td>OFF</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

- **Degree of Difficulty**
  - DON'T USE
  - DON'T USE
  - DON'T USE
  - DON'T USE
  - DON'T USE
  - DON'T USE
  - DON'T USE
  - DON'T USE

  **Normal**
  **Difficult**

* Suggested factory setting
NOTE:
1. THESE DIMENSIONS ARE TO SCALE AND REFER TO METAL CONTROL PANELS.
2. FOR WOOD CONTROL PANELS, DRILL 5/8" HOLE COMPLETELY THROUGH. THEN DRILL 1-1/8" HOLE TO 5/16" DEPTH.

CONTROL PLATE TEMPLATE
The Exciting
FIGHTING MACHINE

Players enter a world of fast-paced tournaments, style action as they kick, slam, claw and power punch their way to victory against the enemy and the clock. Wrestling, kick-boxing and martial arts techniques combine for a challenging hand-to-hand fighting game in a colorful arena setting. Skillful maneuvers of the joystick, punch and kick buttons successfully advance the SHANGHAI KID to new arenas and tougher adversaries. Realistic sound effects include "count-downs" by announcer/referee and crowd cheers. Get your kicks and knock out more profits with the complete "fighting machine" conversion kit.

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