



KING KIT™
INSTRUCTION MANUAL

OCTOBER 15, 1985

MEMETRON PRESENTS

THE PRO WRESTLING EVENT OF THE CENTURY!

MAT MANIA™

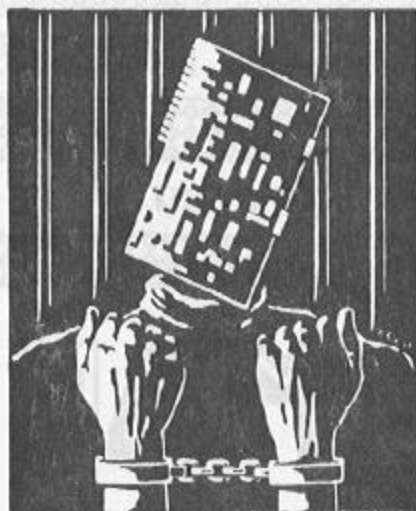
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VIDEO GAME OPERATOR:

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

Warning



Every operator who buys 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.



WARNING

Federal law provides severe civil and criminal penalties for the unauthorized reproduction, distribution, or exhibition of copyrighted audiovisual works and video games.

The Federal Bureau of Investigation investigates allegations of criminal copyright infringement.

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

WARNING

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."

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.

WARNING

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

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 facimiles 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.

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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

Mat Mania is a registered trademark of Taito America Corp. Under License from Technos, Japan. Distributed by Memetron Inc., 1985.

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

| | | |
|----|-----------------------|-----|
| [] | PCB BOARD | (1) |
| [] | JOY STICK | (1) |
| [] | CONTROL PANEL OVERLAY | (1) |
| [] | PLEXI CRT | (1) |
| [] | PLEXI MARQUEE | (1) |
| [] | WIRING HARNESS | (1) |
| [] | INSTRUCTIONS | (1) |
| [] | PLAY INSTRUCTIONS | (1) |
| [] | MISC CONTROL STICKERS | (1) |
| [] | DRILLING TEMPLATE | (1) |
| [] | JOYSTICK STAR | (1) |
| [] | BUTTONS | (4) |
| [] | FCC CAGE | (1) |

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 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 Crt. 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, than 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 games 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.**

DIP SWITCH SETTINGS

MAIN HARNESS

MAT MANIA

| SOLDER SIDE | | | | PARTS SIDE | | | |
|-------------|------------|----------------|--------|------------|-------------|------------|----|
| GA. | WIRE/COLOR | SIGNAL NAME | PIN NO | | SIGNAL NAME | WIRE/COLOR | GA |
| 18 | YEL-GRN | -5V | A1 | B1 | +12V | YEL-RED | 18 |
| 22 | VIO-WHT | SPEAKER GND | A2 | B2 | SPEAKER | VIO | 22 |
| 22 | BLU-YEL | 1P SHOOT 1 | A3 | B3 | 1P UP | ORG | 22 |
| 22 | BRN-WHT | 1P RIGHT | A4 | B4 | 1P LEFT | BRN | 22 |
| 22 | GRAY | 1P START | A5 | B5 | 2P START | ORG-WHT | 22 |
| | | 2P SHOOT | A6 | B6 | 2P UP | | |
| | | 2P DOWN | A7 | B7 | | | |
| | | 2P LEFT | A8 | B8 | 2P RIGHT | | |
| 22 | BLU-RED | COIN COUNTER 1 | A9 | B9 | 1P DOWN | GRY-YEL | 22 |
| | | | A10 | B10 | COIN 1 | BLU-GRY | 22 |
| | | | A11 | B11 | | | |
| 22 | BLU-GRN | 1P SHOOT 2 | A12 | B12 | 2P SHOOT 2 | | |
| 22 | GREEN | VIDEO GREEN | A13 | B13 | VIDEO BLUE | BLUE | 22 |
| 22 | RED | VIDEO RED | A14 | B14 | VIDEO SYNC | WHITE | 22 |
| | | | A15 | B15 | | | |
| 18 | BLACK | GND | A16 | B16 | GND | BLACK | 18 |
| 18 | BLACK | GND | A17 | B17 | GND | BLACK | 18 |
| 18 | YELLOW | +5V | A18 | B18 | +5V | YELLOW | 18 |

1 2 3 4 5 6 7 8 9
 10 11 12 13 14 15 16 17 18
 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200
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 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800
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DIP SWITCH SETTINGS

DIP SWITCH 1

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|------|------|------|------|------|-----|------|-----|---------------------------|
| | | | | | | | | ● Coin-A |
| OFF* | OFF* | | | | | | | 1 Coin - 1 Play |
| ON | OFF | | | | | | | 1 Coin - 2 Play |
| OFF | ON | | | | | | | 1 Coin - 3 Play |
| ON | ON | | | | | | | 2 Coin - 1 Play |
| | | | | | | | | ● Coin-B |
| | | OFF* | OFF* | | | | | 1 Coin - 1 Play |
| | | ON | OFF | | | | | 1 Coin - 2 Play |
| | | OFF | ON | | | | | 1 Coin - 3 Play |
| | | ON | ON | | | | | 2 Coin - 1 Play |
| | | | | | | | | ● Sound for Demonstration |
| | | | | OFF* | | | | 可 Sound |
| | | | | ON | | | | 不可 Not sound |
| | | | | | | | | ● TV-Screen |
| | | | | | OFF | | | Table type use |
| | | | | | ON* | | | Up-right type use |
| | | | | | | | | ● Check Program |
| | | | | | | OFF* | | OFF |
| | | | | | | ON | | ON |
| | | | | | | | ON* | Don't Touch |

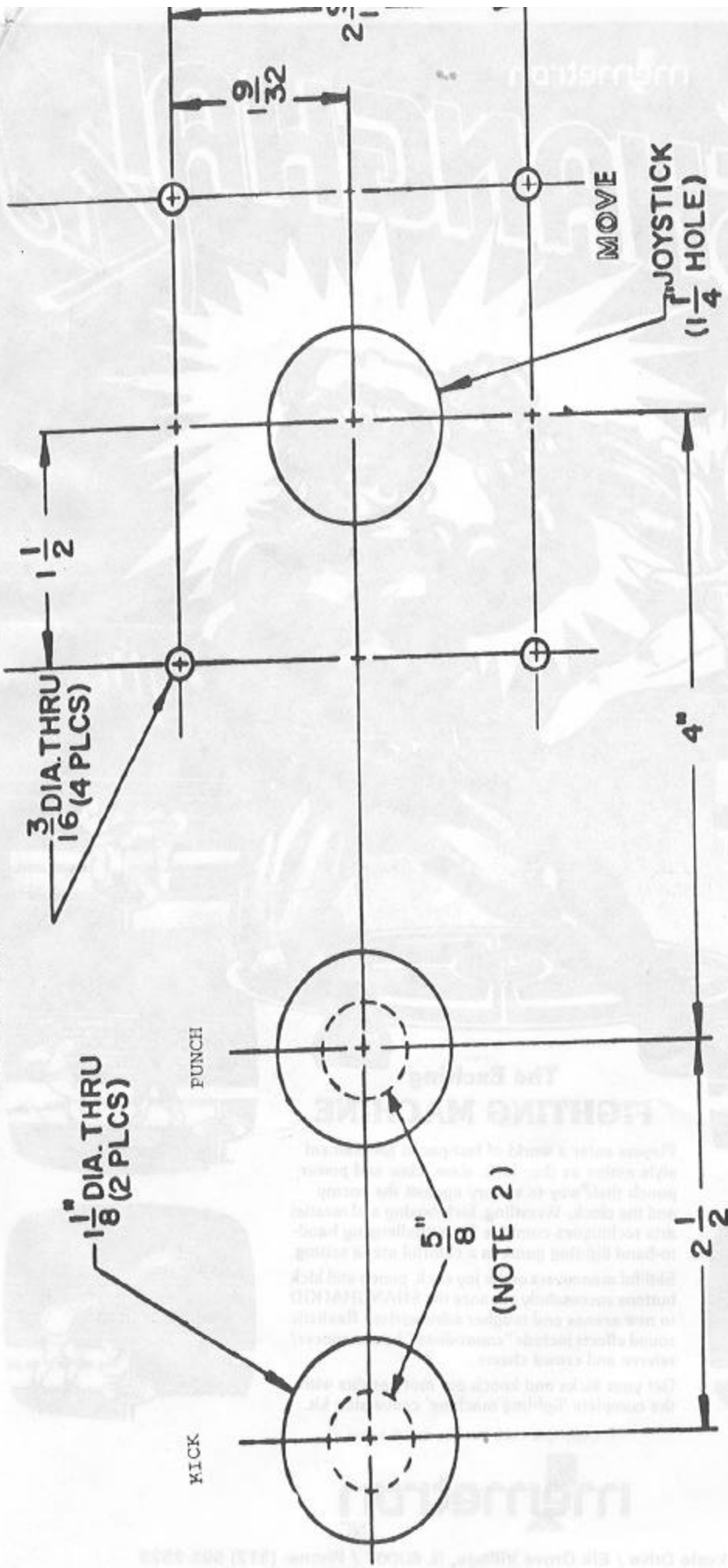
(normal screen)
(flipp screen vertically)

DIP SWITCH 2

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
|-----|------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------------|
| | | | | | | | | ● 難 度 Degree of Difficulty- |
| OFF | OFF | DON'T USE | DON'T USE | DON'T USE | DON'T USE | DON'T USE | DON'T USE | 普通 Normal |
| ON* | OFF* | | | | | | | ↓ |
| OFF | ON | | | | | | | ↓ |
| ON | ON | | | | | | | ↓ |
| | | | | | | | | むずかしい Difficult |

* Suggested factory setting

MAT MANIA CONTROL



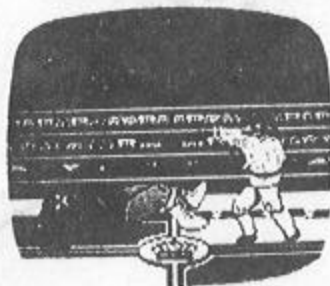
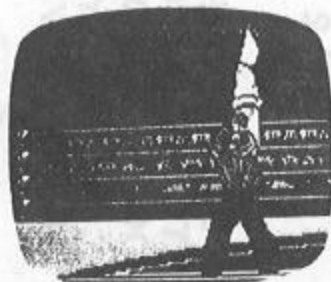
NOTE:

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

memetron

The SHANGHAI Kid



The Exciting FIGHTING MACHINE

Players enter a world of fast-paced tournament 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 joy stick, punch and kick buttons successfully advance the SHANGHAI KID to new arenas and tougher adversaries. Realistic sound effects include "count-down" 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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memetron
INC

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