



Model PS-8000-S Display System Installation Instructions

Thanks for purchasing this PINSCORE Model PS-8000-S Display System.

This model fits the following Williams/United puck shuffle alley machines:

TOPAZ
ARISTOCRAT

TAURUS
KING TUT

OMNI
TRIPLE STRIKE

POMPEII
BIG STRIKE SHUFFLE

FEATURES: Plug & play installation, long life, low voltage, low power consumption, adjustable brightness, diagnostic pushbutton, attractive black matte finish, 5 year warranty, RoHS compliant, built in USA.

INSTALLATION TIME: About 25 minutes

TOOLS REQUIRED: 1/4" Nutdriver, Phillips screwdriver

CONTENTS: This box contains:

Quantity (1) PS-8000 PINSCORE Master Driver/Display Board

Quantity (6) PS-2001 PINSCORE 4 digit LED Display Board

Quantity (2) 5795-10937-12 Ribbon Cable 20 pin 12"

Quantity (2) 5795-10937-18 Ribbon Cable 20 pin 18"

Quantity (2) 5795-10937-24 Ribbon Cable 20 pin 24"

Quantity (1) PS-LS-6 Foam light shield for PS-8000 Credit/Ball Display

Quantity (6) PS-LS-4 Foam light shields for PS-2001 Display Boards

INSTALLATION:

1. **CAUTION:** This PS-8000-S Display System CANNOT be used with any original display or driver boards. Damage to both new and old boards will occur if the systems are mixed. Please remove all original boards and cables and install only these new boards and ribbon cables.
2. **Unplug** the AC power from your Shuffle Alley machine. Remove game backglass. Unscrew and remove all original glass displays, master driver board and all inter-board connecting cables. Remove brown "keep-alive" wire from all displays and tuck away - it's no longer needed.
3. **Attach** cables to display boards *before* mounting to ease cable routing. Mount new boards in their respective locations. Use the fibre washers to help clip the boards to the standoffs. You may slide the LED Display boards horizontally to adjust their positions for alignment with your backglass windows. If not already in place, place the foam light shields on their respective LED Display boards.
4. **Connect** the cables. Player positions are printed on the board and the cables with edge connectors fit the PS-8000 Master Driver/Display board. Observe **correct polarity** on all ribbon cables - the red striped wires on all ribbon cables go to PIN #1 (also labeled as RED) on all boards.
5. **Double-check** all connections, plug in the machine, and turn the game on. The LED's will light up. Pressing the DIAGNOSTIC pushbutton on the Master Driver/Display board will illuminate all segments of all displays. This indicates that all boards and cables in the PINSCORE System are operating correctly. Use the thumbwheel BRIGHTNESS control on the Master Driver/Display board to set your preferred illumination level.
6. **START SLIDING!** You'll enjoy your PINSCORE Displays for years to come!