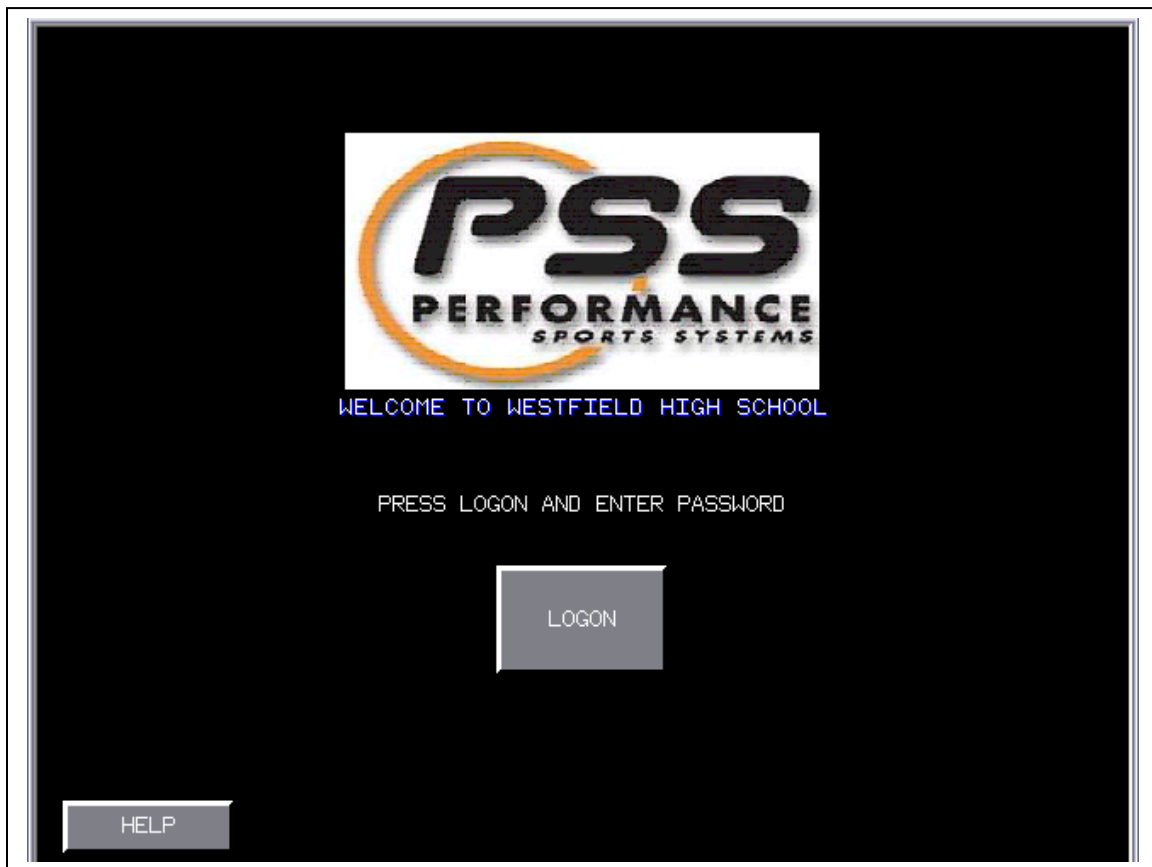




TSC

**Models: 2000XL W/Touch
Screen**



Operation and Maintenance Instructions

Please read all instructions before attempting operation of these units

SAVE THESE INSTRUCTIONS FOR FUTURE USE

PUBLICATION No.
8 5 1 7 5 4 5 3 2



TSC 2000XL W/ Touch Screen



Table of Contents

<u>Section</u>	<u>Page No.</u>
Introduction	2
Cautions and Warnings	3
Automatic Operation	3
Administrator Settings	5
Passwords	6
Manual Operation	9



TSC 2000XL W/ Touch Screen



Introduction

The TSC 2000X system is comprised of two components. A touch screen unit that provides the interface for the operator and one relay box that provides the control for the devices.

The system was developed to provide the operator ease of control without the need for keys that can be lost, misplaced, or broken. By creating a touch pad control station, the operator can conveniently operate all equipment in the gymnasium easily and efficiently. Controls for backstops, curtains, mats, batting cages, and even scoreboards and lights are available at the touch of a button.

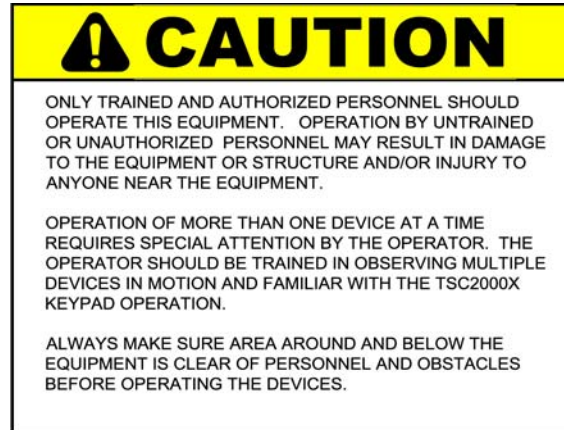
The touch screen is equipped from the factory with default passwords for the administrator and operator. The system administrator can easily reprogram each of these passwords to fit your individual security requirements. Further, the administrator can change the passwords as frequently as necessary.

TSC 2000X was designed with the capability to manually control each device and optionally control multiple devices for predetermined room setups. The factory must program predetermined setups such as practice configuration, wrestling configuration, etc. This is normally done at time of order of the system; however, these programs can be added at a later date by contacting the factory.

The TSC 2000X can also be equipped with a corded remote control for the keypad to allow for better visibility of the devices during manual operation. This device also doubles as an override and troubleshooting by hooking it in directly to one of the relay boards inside the relay box. These relay boards are modular. This makes them easy to be replaced and maintained over years of operation.



TSC 2000XL W/ Touch Screen



Automatic Operation

Touch Screen Functions

The Touch Screen consists of a display and a backlight. When the screen selection allows it, the screen will display buttons. The buttons are designed with labels which will change as the menu selection changes.

An optional corded remote switch can be plugged into the jack directly below the touch screen.

Back Light Operation

When approaching the keypad unit, the display will blank and the backlight will be off. The back light operation is automatic and cannot be changed by the operator or the administrator. This design feature is intended to make the unit less interesting to passersby and the unqualified onlookers.

To turn on the backlight and start the system, press any section of the screen. Pause briefly. The LCD will light up press the log on button and the password keypad will appear.

You must now enter your 6 digit numeric code (password). Refer to System Setup sections for appropriate default password code, push enter.

If nothing is entered for approximately 30 seconds, the screen will go blank turning the system off automatically.

After entering the correct code, the main page will appear as shown below.

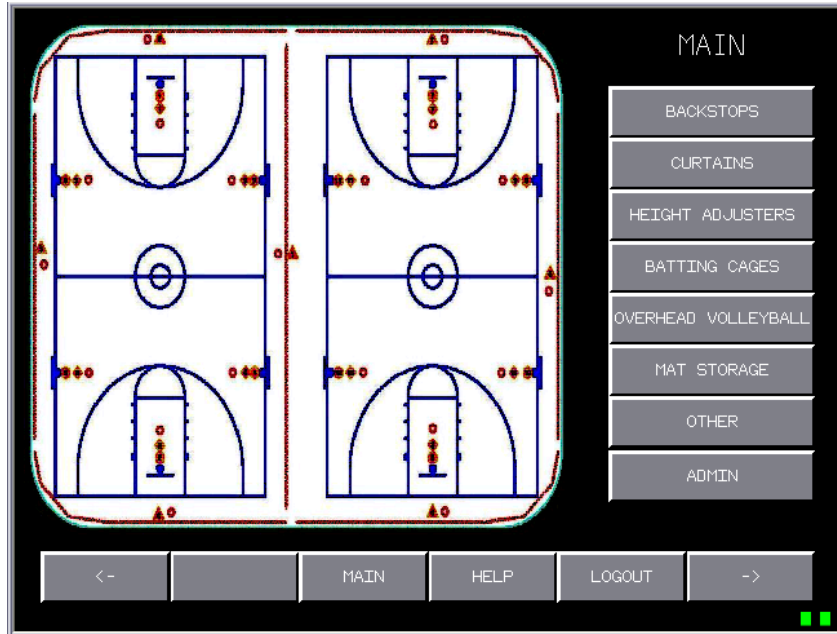


Figure 1

Startup Button Definitions

Pushing the button “main” will take you back to the main page. To log off system you must push the “log out” button. This will return the display to an unlit screen.

The right arrow button allows you to flip through each category or you can push your selection “button” for example: Backstops.

This takes you into the sub menu regarding which piece of equipment you chose. From here you can decide if you want individual, pairs or blocks. The next screen being the individual, pairs or blocks asks you which set of units or which unit you wish to move.

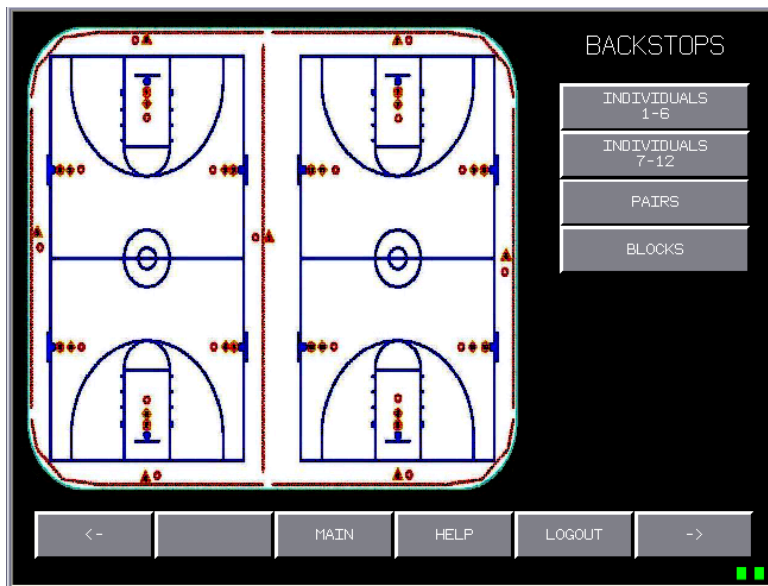


Figure 2

Simply follow instructions on the screen to select and use the arrows up and down. After the unit is done being moved the selected button will return to blue instead of the green while it is operating. The button will also say “Active” when not moving and “Moving” when the up or down button is pushed. If done moving unit, the button “close” must be pushed otherwise the unit will still be selected. See figure 3.

Note: If the button is no longer depressed then the unit will stop moving. This is a safety feature for the system.

Note: One of the features of this system is error sensing and reporting. It will stop operation and a red screen will appear with information on what error has occurred.

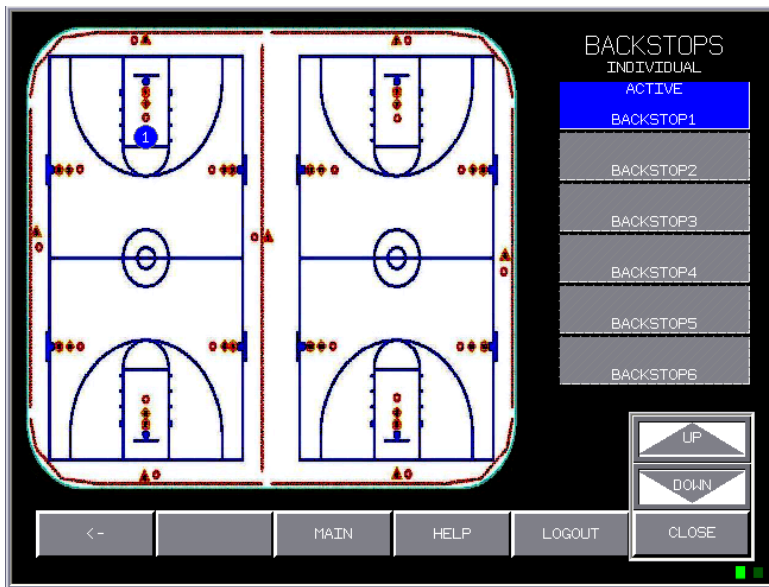


Figure 3

Administrator Settings

The ADMIN screen allows passwords to be changed by only the admin user.

It is important to note that only operators familiar with gymnasium equipment such as moveable backstops, mat hoists, curtains, and other related devices be allowed to operate the Total System Control.

The following sections will describe the screens associated with the startup buttons and their related operations.

Important: There is an inactivity time out designed into the system. If no information is entered for approximately 30 seconds during any of the displays or operations, the system will reset to Off mode.



TSC 2000XL W/ Touch Screen



Should you have questions about the procedures described in this manual or requests for additional options, please contact Performance Sports Systems customer service at 1-800-848-8034.

General Setup Information

There are two levels of control designed into the TSC 2000X. The operator code allows access to all functions except the password function. The administrator code allows access to all functions of the system including changing operator and administrator password codes.

It is highly recommended that a new administrator code be established as soon as installation has been completed. The new administrator code should be recorded and kept in a secure location for future use. Further, the administrator should establish a new user password and record this for reference by authorized operators.

Password codes, both user and administrator should be changed as frequently as necessary to meet the individual security requirements.

Assigning Admin Password

1. To turn on the backlight and start the system, press any section of the screen. Pause briefly. The LCD will light up press the “log on” button and the password keypad will appear. Enter the current Admin password code.

NOTE: The original factory coded administrator password is attached behind the last page of this manual. If you did not receive the password or cannot find the password, please contact Performance Sports Systems at 1-800-848-8034.

NOTE: If the code is entered incorrectly, the unit will allow it to be tried 3 times before it will go blank and lock the system. If this occurs, wait 2 minutes then repeat steps 1 and 2 using the correct current code.

2. If the correct code was entered, the backlight will turn on and bring you to the main page. See Figure 1

3. On the menu you will see “Admin” as a selection. Push the button. The screen will now show the admin menu. See Figure 4.



Figure 4

NOTE: The “Back” button is the left arrow; this moves you to the previous screen.

4. Press the Password you wish to change and look for the screen to display the key pad. See figure 4.
5. Enter desired password and push enter. Please take note of the new password.

NOTE: You should already have a new Admin password code consisting of six digits in mind and written down for reference.

If the password code is lost, administrator of record should contact Performance Sports Systems customer service at 1-800-848-8034 for assistance.

Assigning User Password

User password codes can only be created and changed by the system administrator. If the user password code is lost or forgotten, the system administrator can create a new password code.

The procedure for creating or changing the user password is the same as described in the section “Assigning Admin Password”



TSC 2000XL W/ Touch Screen



Viewing the Event Log

With this unit you can view any error that has occurred in the system including the times they occurred. This is found in the Admin screen. The error when it occurs is displayed on the screen in red for the user but is also logged in this section for review by the Admin. This is to help troubleshoot any issues that may have occurred overtime or in the initial install.

Reviewing System Information

Information about the system is stored in memory and can be retrieved by selecting the “Help” button on the main screen in the main screen. This screen includes technical support telephone numbers for the factory and your local dealer.





Manual Operation

Once the system has been activated (by pressing any button) and the correct user or admin password code has been entered, if a device has been selected you can then use the manual mode. The touch screen unit is set up from the factory for your specific application. In some cases, the unit is configured for backstops and/or curtains only. In other applications, it may also include the control for mats, lights, scoreboard, etc.

If your system includes automatic set ups that you wish to use, proceed to the section of this manual titled Automatic Operation.

Backstop Operation

- 1) Select backstops in the main screen.
- 2) Select individuals, pairs or block.
- 3) Select the device you wish to move. See figure 3.

Note: At all times the buttons below will be displayed on the screen.

- The “Left arrow” button returns you to the previous screen.
- The “Help” button gives the user information to contact their dealer.
- The “Logout” button signs you out of the system and turns it off.
- The “Main” button takes the user to the main selection screen.
- The “Right arrow” button runs through each sub menu.

- 4) Plug in the manual over ride button, Press and hold either the “Up” or the “Down” button depending on the direction you want the backstop to travel.
- 5) The screen will change to reflect the operation selected. For example, it would read:

Backstop #1	Moving
Backstop #1	*Done*

Note: A factory set time out for each device’s upward and downward limits has been programmed into each system. Should you determine this time out is too short or too long, please contact Performance Sports Systems customer service at 1-800-848-8034.

- 6) If done with backstop push the close button and either choose other units or logoff.

Curtain Operation

Curtain operation is the same as backstop operations except that the screens will display “Curtain” instead of “Backstop” in the menu.

Auxiliary Functions

Auxiliary function operating instructions are included as addendums to this manual for specific applications when required.



TSC 2000XL W/ Touch Screen



User Password: _____

Admin Password: _____



Gared Holdings, LLC

**Performance Sports Systems
9200 E. 146th Street
Noblesville, IN 46060**

**800-848-8034
www.perfsports.com**

**Gared Sports
707 North 2nd Street
St. Louis, MO 63102**

**800-325-2682
www.garedsports.com**