



## MSX/MULTISPORT 2000 Operating Instructions For Football

**Your scoreboard model may not have all of the features listed below.**  
**The MSX/Multisport 2000 Controller is designed to operate many different models.**

### **SETUP**

When the *MSX/MULTISPORT 2000* controller is plugged in, the LCD screen on the control box will display the information from the previous game or the last information that was on the scoreboard when the controller was unplugged.

It will be necessary to “clear” the scoreboard and reset it for the new game. To do this, press “FUNCTION” then “1” then “ENTER”.

The LCD screen will display something similar to below depending on your “defaults”. This screen is referred to as the “scoring screen”. It is a small version of the scoreboard

Home	<	12:00		Vis
0	3	TOL	3	0
1	Down		Qtr	1
10	YTG		Ball On	

**When the control console LCD is in this mode, you can begin using the scoreboard. If you wish to modify your default settings, continue with the information below. To begin using the scoreboard, proceed to OPERATION.**

Your game “defaults” are settings that the controller will store for your specific needs. These defaults can be changed by selecting “MODIFY SCORE RULES” from the “FUNCTION” menu.

The *MSX/MULTISPORT2000* controller is preprogrammed from the factory to a standard default. The standard default settings are as follows: **12 Minutes per Period, 25 seconds Play Clock time and 3 Timeouts per half.** If any of these programmable settings need to be changed, simply press the “FUNCTION” key (the scoreboard clock must be off), the LCD screen will look like below. This is the **MAIN MENU** screen. **With the clock off, pressing FUNCTION will always return you to this menu.**

<b>Sport: Football</b>
<b>1. New Game 2. Restart</b>
<b>3. Select Sport</b>
<b>4. Modify Score Rules</b>

To change the factory or current defaults select “**4**” **MODIFY SCORE RULES**” then press, “**ENTER**”. The LCD screen will display the following information:

**Sport: Football**  
**Modify Scoring Rule:**  
**Minutes per period =**  
**Current = 12**

If the minutes per period need to be changed to 20:00 as the default, simply enter **20** from the control keypad and press the **ENTER** key. The default is now set to 20:00 per period. This is only a default setting for convenience, any time may be entered and put on the clock during a game, but the default will always return the time to 20:00.

After you have changed this default setting, press “**NEXT**” to proceed to the next setting. (The **NEXT** key advances you from frame to frame. If the setting does not need changed, press **NEXT**.) The following screen will show:

**Sport: Football**  
**Modify Scoring Rule:**  
**Play Clock reset=**  
**Current = 25**

Again, to change to default setting, enter the numbers from the keypad then press **ENTER**, then press **NEXT** to advance to the next frame.

The next default frame is **Timeouts per half**. The LCD screen will show:

**Sport: Football**  
**Modify Scoring Rule:**  
**Timeouts per half=**  
**Current = 3**

Again if you have changed this default setting, press “**NEXT**” to proceed to the next setting. (The **NEXT** key advances you from frame to frame. If the setting does not need changed, press **NEXT**.) The following screen will show:

**Sport: Football**  
**Modify Scoring Rule:**  
**Time for Halftime=**  
**Current = 0**

If you would like to check all of your default settings, simply press the **NEXT** key to cycle through each frame. If all of the settings are correct, press **“RESTORE LCD”** then **“1”** or **“2”** depending on your game situation to return to the **“scoring screen”**.

- Sport: Football**
- 1. New Game**
  - 2. Restart**
  - 3. Select Sport**
  - 4. Modify Score Rules**

### **Quick Operations Menu**

Press **FUNCTION** then.....

Select **“1”**, and press **“ENTER”** to begin a new game.

Select **“2”**, and press **“ENTER”** to restart the last game. This selection is typically used in the event of a power failure. When power is restored to the scoreboard, select **“2”**, and press **“ENTER”**. This will restart the scoreboard with the correct information before the power failure.

Select **“3”**, and press **“ENTER”** to select a different sport (i.e.: basketball, baseball, etc.).

Select **“4”**, and press **“ENTER”** to modify the scoring rules for a particular sport.

### **OPERATION**

At the **Scoring Screen**, the scoreboard will be showing this information.

<b>Home</b>	<b>&lt;</b>	<b>12:00</b>		<b>Vis</b>
<b>0</b>	<b>3</b>	<b>TOL</b>	<b>3</b>	<b>0</b>
<b>1</b>	<b>Down</b>		<b>Qtr</b>	<b>1</b>
<b>10</b>	<b>YTG</b>	<b>Ball</b>	<b>On</b>	

### **Functions of the Clock**

To **start the clock**, turn the Clock On-Off switch to **“On”** and it will begin counting down. This can be done from the switch on the controller face or from the auxiliary hand-held switch if so equipped. The clock will count up or down but the system automatically defaults to down. This can be changed by pressing the **Clock Up/Down**.

When using the **auxiliary hand-held clock switch**, the clock switch on the controller face must stay in the **off** position.

To **set or change the time on the clock**, simply turn the clock off, enter the time and press **Clock Set**. This button is red and is located at the top left of the keypad.

## **Horn Features**

To **activate the automatic horn** to blow when the clock reaches “0:00”, press **Auto Horn**. A red indicator light will come on to indicate that the horn is activated. You must turn the horn on if you want it to blow at 0:00. The horn will blow for two full seconds and turn itself off automatically. The Auto Horn light will stay on and the horn will blow again at 0:00 unless you turn it off by pressing Auto Horn a second time.

## **Standard Football System scoring keys:**

**Home Score** – Increments the home score by 1 each time it is pressed or will add the number entered from the keypad to the score. If **reset** is pressed and then the Home Score key is pressed, this will reset the home score to 0.

**Visitor Score** – Operates the same as the Home Score key.

**Clock Set** – Sets the clock to the time entered from the keypad.

**Clock Up/Down** – Changes direction clock counts.

**Auto Horn** – Sets horn to blow at 0.

**Quarter** – Counts 1 – 2 – 3 – 4 – 1 each time it is pressed. Automatically advances at the end of the timed quarter.

**Down --** Counts 1 – 2 – 3 – 4 – 1 each time it is pressed. Automatically displays a first down when Yards to Go displays 10.

**Yards To Go** – Enter the numbers from the keypad, press Yards to Go.  
**To clear to 0**, press Yards to Go again, **enter the next number and press Ball On**.

**Ball On** – Enter the numbers from the keypad, press Ball on.  
**To clear to 0**, press Ball On again, or **enter the next number and press Ball On**.

**Home TOL** – Will **increment down** by one each time it is pressed, or it will instantly “post” the number you enter from the keypad. To blank, press Reset.

**Vis. TOL --** Will **increment down** by one each time it is pressed, or it will instantly “post” the number you enter from the keypad. To blank, press Reset.

**Ball Poss** – When pressed the Home Possession arrow lights then alternates between Home and Visitor as it is pressed.

**Reset** – Used in conjunction with other keys such as score or fouls. Will reset these back to zero or blank.

### **System Function Keys:**

- Function** – enters setup mode to perform system functions (select sport, change scoring parameters, etc.) – clock must be off.
- Next** – go to next option/screen (in non-scoring setup mode).
- Back** – go to previous option/screen (in non-scoring setup mode).
- Enter** – select option (in non-scoring setup mode).
- Restore LCD** – return to scoring mode.

### **Additional Features**

**Play Clock** – The play clock is controlled by the auxiliary joystick if equipped. The joystick has a Run and Reset Button. The on/off switch turns the clock on and off. The reset switch resets the clock to the preprogrammed default time or to the time entered from the keypad.

To **set the time on play clocks other than the default times**, with the play clock stopped, enter the time from the keypad and press the reset button on the play clock joystick (in controllers prior to version 2.5). In controllers with version 2.5 firmware or later (MSX controller), there is a key on the main keypad labeled “play clock set” which is used to temporarily set the play clock to a specific time other than the default time. Enter the time from keypad and press the “play clock set” button. This puts time back on the play clock and it will return to its default time the next time reset is pressed on the joystick.

To **blank the shot clocks**, press Reset on the controller, then Reset on the joystick. To restore the time, press reset on the joystick. In the controllers with version 2.5 firmware or later (MSX controller) press “shot clock set” button and this will reset back to zero or blank.

**Track Clock – Press “Function” - “3” - “Enter” – “4” – Enter – “1” – Enter**  
This is an up counting Lap clock used for practice. It is available on **all** Spectrum Football scoreboards. The LCD will show only the time in this mode. Press FUNCTION to return to Football.

