CONTROLLER OPERATION INSTRUCTIONS

LACROSSE

		OFF	GAME TIME	PLAY TIMER SET	PERIOD	HOME SCORE	HOME PEN	GUEST SCORE	GUEST PEN	
LACROSSE		SETUP	INT MODE	PLAY TIMER SELECT		HOME SCORE +1	HOME TOL	GUEST SCORE +1	GUEST TOL	
		TEAM NAME	SAVED TIME	PLAY TIMER RESET			HOME SHOTS		GUEST SHOTS	
		STATUS	SHIFT	PENALTY STOP/ RUN	PENALTY HOLD		HOME SHOTS +1		GUEST SHOTS +1	

GAME TIME

Time on the scoreboard display will show mm:ss (minutes and seconds).
When game time is less than one minute the display will show ss:tt (seconds and tenths of a second).

To set Game Time:
- **All timers must be stopped**
- Press GAME TIME
- Enter Minutes on keypad, press ENTER
- Enter Seconds on keypad, press ENTER

INTERMISSION / BREAK / TIME-OUT TIMER

This timer can be used for intermissions, time outs, and any kind of break timer.
While in this mode, the controller screen will show the timer value in the upper left and the scoreboard game time display will show this value. Maximum value is 99 minutes and 59 seconds.

To set Int. Mode time:
- **All timers must be stopped**
- Press INT MODE
- The last set time will appear
- If this is okay, press ENTER twice
- If not okay:
    - o Enter Minutes on keypad, press ENTER
    - o Enter Seconds on keypad, press ENTER
- Use game time switch to count down the INT MODE timer
- Press INT MODE to exit back to regular game mode

SCORES

To set a team's Score:
- Press HOME SCORE or GUEST SCORE
- Enter number on keypad, press ENTER

To increase a team's Score:
- Press desired team's increment score button. For example HOME SCORE +1 will increase home score by 1

SHOT CLOCK (PLAY TIMER)

Maximum value (All settings and current time) is : 99 seconds.

To set the two settings or current
- Press "SHOT CLOCK SET" ("PLAY TIMER SET") repeatedly until the cursor is on the value to be edited.
- Enter value on numeric keypad.
- Press "ENTER".

To select the reset type.
- Press the "SHOT CLOCK SELECT" ("PLAY TIMER SELECT") repeatedly until the reset type desired is selected.

Different reset types are:
- A – sets shot clock to A setting
- B – sets shot clock to B setting
- TOGGLE – if clock running, resets shot clock to A setting. If clock stopped, repeated reset presses will toggle the shot clock between the A and B setting.
  - o LAST – if clock stop, will reset shot clock to last value before a reset

To operate the Shot Clock Timer
- If no input is enabled to "I/P-SHOT TIMER":
  - o For basketball and lacrosse – the shot timer will run when the game time is running.
- If there is an input enabled to "I/P-SHOT TIMER":
  - o The input must be on for shot clock to run.
  - o For basketball and lacrosse – the game timer must also be on.

PENALTIES

The controller allows input of four penalty times per team. Only the penalty times 1 & 2 are active when the game time is running. Penalty times 3 & 4 will become active and shift up into penalties 1 & 2 when the active 1 & 2 penalties expire.
- The maximum Player Number is 99
- The maximum Penalty Minutes is 99, but the message protocol only sends out the last digit of minutes. So if the penalty time is 12:23, the scoreboard display will only show 2:23
- The maximum Penalty Seconds is 59

To enter a penalty:
- Press either **HOME PENALTY** or **GUEST PENALTY**. The first key pressed will put the cursor on the first empty penalty location.
- When the same button is pressed repeatedly, the controller advances between the 4 penalties.
- For each penalty, enter values of the player number, penalty minutes, and seconds on the numeric keypad and press **ENTER** after each.

ENSURE CURSOR IS OFF BEFORE STARTING TIME OR PENALTY WILL NOT OPERATE PROPERLY.

To clear a penalty:
- While on any value of the penalty to be deleted, press the **CLEAR** button. This will clear the entire penalty and shift any lower penalties up.
- HOLD PENALTY Feature
- Needs to be enabled in Sport Configuration
- If this activated from the keypad during normal operation, any penalty entered in Penalty 3 & 4 will not shift up when either or both Penalty 1 & 2 expired.
- To toggle OFF/ON, press HOLD PENALTY. A small HOLD box will appear beside both team's penalty 3&4.

PENALTY STOP/RUN feature:
- Needs to be enabled in Sport Configuration
- Penalty time stop/run is controlled with the keypad. Game time must be running for penalty time to run.
- To toggle STOP/RUN, press PENALTY STOP/RUN. A small STP box will appear beside both team's penalty 1&2 when penalty time is stopped.

SHOTS ON GOAL (SOG)

Maximum value is: 99.
To set a team's SOG:
- Press either HOME SHOTS or GUEST SHOTS
- Enter value on numeric keypad
- Press ENTER

To increment a team's SOG:
- Press either HOME SHOTS" or GUEST SHOTS" twice

OR

- Press either HOME SHOTS +1 or GUEST SHOTS +1