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ISC85X Intelligent Controller
Hockey Instructions

HOCKEY - LACROSSE		
HOME SCORE	VISITOR SCORE	2:00
HOME PENALTY	VISITOR PENALTY	5:00
HOME SHOTS	VISITOR SHOTS	10:00
+ 1		20:00

ISC85X	
GAME TIME	INT MODE
TIME UP / DOWN	PERIOD
PLAY TIMER SET	SHIFT
PLAY TIMER RESET	

1. To **START/STOP** the clock:
    *   Flip switch to RUN or STOP (rocker switch on the right side of the unit).

2. **HORN**:
    *   Sounds automatically at end of period/intermission.
    *   To activate manually, press Horn button (on the right side of the unit). Horn will continue to sound as long as the button is pressed.

3. To set **TIME (NOTE: Switch must be in STOP position.):**
    *   *Press GAME TIME.*
    *   If time is expired, the last time entered will automatically be shown.
    *   To set a Different Time:
        a. Enter minutes on the numeric keypad. *Press ENTER.*
        b. Enter seconds on the numeric keypad. *Press ENTER.*
        c. Enter hundredths of seconds on the numeric keypad. *Press ENTER.*

4. To set **INT MODE** timer: (Intermission Time)
    *   Switch must be in STOP position.
    *   *Press INT MODE.*
    *   The time last entered will display automatically.
    *   To set a Different Time:
        a. Enter minutes on the numeric keypad. *Press ENTER.*
        b. Enter seconds on the numeric keypad. *Press ENTER.*
    *   While in this mode, the only way to exit is to press the *INT MODE* button again.

5. To set **PENALTIES**:
    *   *Press HOME or GUEST PENALTY.*
    *   Depending on where the cursor is – Player Number, Penalty time, Minutes & Seconds – enter the desired value on the numeric keypad and *Press ENTER.*

    NOTE:

    a. Penalties 1 & 2 for both teams will show and run on the scoreboard.
    b. Penalties 3 & 4 are delayed penalties and will appear once either Penalties 1 or 2 are complete.
    c. To cancel Penalty 1 or 2 because of an opposing team goal or for some other reason, just select it by using the applicable button (*HOME PENALTY* or *GUEST PENALTY*) and clear out the Player Number and Penalty Time. Any pre-set 'delayed penalties' will shift into place once playing time resumes.

6. Pre-Set **INCREMENT** buttons:
    *   For TIME, and BREAK MODE, use the pre-set increment buttons to increase the minutes by preset values of 2, 5, 10, or 20 minutes.
    *   Move the cursor to minutes.
    *   *Press TIME/INT MODE,* then the desired time increment button – 2:00, 5:00, 10:00, or 20:00. (The time will increment by that value - not get set to that vlaue.)

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7. To set **PERIOD**:
   - • **Press PERIOD.**
   - • Enter value on the numeric keypad. **Press ENTER**.
   - • Will auto-increment when setting time at end of period.

8. To set **SCORES:**
   - • **Press HOME OR GUEST SCORE.**
   - • Enter score on numeric keypad. **Press ENTER.**

   NOTE: To Increment SCORES or PERIOD, press desired function button, then **Press +1.**

9. To set **SHOTS ON GOAL (IF ENABLED):**
   - • Press **HOME SHOTS** or **GUEST SHOTS**.
   - • Enter value on numeric keypad. **Press ENTER.**

   NOTE: With the game time running, increment **SHOTS** by pressing appropriate teams **SHOTS** button.

10. To set **PLAY TIMER (IF ENABLED)**:
    - • Ensure Start/Stop switch is in STOP position.
    - • **Press PLAY TIMER SET.**
    - • Enter "shot clock" length on the numeric keypad. **Press ENTER.**

    NOTE: If PLAY TIMER is enabled, but not required – set play timer to 0, to disable it.

11. To **RE-SET PLAY TIMER (IF ENABLED)**:
    - • **Press PLAY TIMER RESET.**
    - • if equipped, Press external button

12. To **CLEAR** any value:
    - • Press any function button to move the flashing cursor over a desired value. Then **Press CLEAR.**

13. To set **SHIFT TIMER (IF ENABLED)**:

    NOTE: The **SHIFT TIMER** counts down from the set amount. When the **SHIFT TIMER** is expired a one second horn will sound, then the **SHIFT TIMER** will reset and start counting down again.

    - • **Press SHIFT.**
    - • Enter the shift time settings in minutes using the numeric keypad. **Press ENTER.**
    - • To edit the current running shift time **Press SHIFT**. Then **SHIFT** again. Enter the minutes using the numeric keypad.**Press ENTER.**Enter the seconds using the numeric keypad.**Press ENTER.**

    NOTE: On power up, the shift time will be 0:00, which leaves it in an inactive mode which means no horns will sound.

14. To set *CLOCK DIRECTION*
    - • Press the *TIMER UP/DOWN* button.
    - • This will toggle between *UP* and *DOWN*. If UP is selected, press *ENTER*.
    - • Then, enter time limit using the numeric keypad, and press *ENTER*, again.