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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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4056 Blakie Road, London, Ontario, CANADA, N6L 1P7 Tel: 519-652-5833 Fax: 519-652-3795
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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.

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