- VERIFY LIGHT SENSORS ARE LINKED TO SCOREBOARD
1. If power OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Hold down "BUTTON A" **(1)**
3. All light sensors should be blue. If light sensors are showing anything other than blue, proceed to "Adding Light Sensors" below.

- TO CHECK BATTERY STATUS OF LIGHT SENSORS AND SCOREBOARD
1. If power is off, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Hold down "BUTTON B" **(1)**
3. The battery charge level for the scoreboard is shown as a percentage on the screen. **(5)**
4. The battery charge level for each light sensor is represented as a lighted color as shown **(2)**

- RESETTING ALL LIGHT SENSORS
1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
4. Press and hold "BUTTON C" for 5 seconds. **(1)** All light sensors, at this time, will not be functional with this scoreboard.
5. To pair or sync the light sensors back up with this scoreboard, or a different scoreboard, follow instructions below for "ADDING LIGHT SENSORS".

- ADDING LIGHT SENSORS TO SYNC WITH SCOREBOARD
1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
4. Press and hold "BUTTON A" for 5 seconds. **(1)** "PA Ir" will appear on the scoreboard. **(4)**
5. Place hand on one of the light sensors. The light sensor will turn red. Wait for 15 seconds OR until the light sensor turns green.
   NOTE: Some lights may take longer to change from red to green when syncing. This is normal.
6. Repeat for all light sensors until you see all light sensors green.
7. Press POWER button once to exit "PA Ir" Mode.
8. Press POWER button again to exit configuration mode. **(1)**
9. To verify that all light sensors are synced, press and hold "BUTTON A". **(1)** All synced sensors will be blue.

- SETTING UP PLAYERS OR GROUPS
1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press button "C" until the you find the desired mode below. Once mode is chosen, press "OK" **(6), (7), (8), (9)**

1P: 1 Player: This option is to be used when playing individually. All paired lights are used in this option **(6)**
2P: 2 Player: This option is to be used when playing with 2 people. All paired lights are used randomly in this option. **(7)**
2P2P: 2 players in 2 groups: This option is to be used in 2 groups. All paired lights are used in this option. (ie: Zap a Mole) **(8)**

==Before a 2P2P game begins, the system will ask you ONCE to choose the lights taking part in the game. The system will ask you to choose the RED spots first. You will then hold your hand on the spots that will be used in the RED group. Once done, hit "OK". The system will then ask you to choose the spots that will be used in the GREEN group. You will then hold your hand on the spots that will be used in the GREEN group. Once done, hit "OK".==

rSt: This resets selected lights. Press "OK" to reset. Once reset, the system will automatically go back into 2P mode. **(9)**
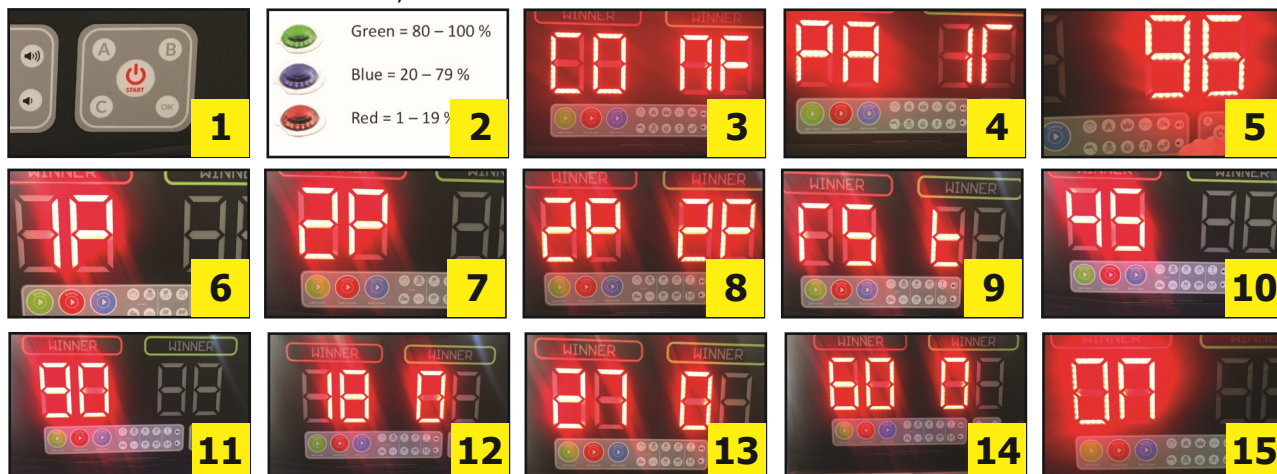
- CHOOSING A LENGTH OF TIME PER GAME
1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press button "T" until you find the desired time. **(1)** The times to choose are: 45 seconds **(10)**, 90 seconds (1.5 minutes) **(11)**, 180 seconds (3 minutes) **(12)**, 270 seconds (4.5 minutes) **(13)** or 600 seconds (10 minutes). **(14)** Once chosen, hit "OK". **(1)**

- WHEN CHARGING AND NO SENSORS ARE LIT UP
1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Hold down "BUTTON C & OK" simultaneously to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in this mode. **(3)**
3. Press and hold "BUTTON B" **(1)** until you see "On" on the scoreboard. **(15)**
4. Press the OK button to confirm mode.
5. Press power button once to exit mode. **(1)**
6. All linked light sensors should light up to indiciate charging.

NOTE: WHEN CHARGED OVERNIGHT, ALL LIGHT SENSORS WILL BE GREEN OR BLUE WHEN FULLY CHARGED.

Green = 80 – 100 %
Blue = 20 – 79 %
Red = 1 – 19 %

- CHOOSING PLAY MODE

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the green play button to change between IPS and HIT.
   IPS Mode - Is mainly for games not involving a vest. It is designed to play where the the sensors light up randomly as all IPS systems have played.
   HIT Mode - Is mainly for playing games with a vest. All of the sensors stay on so you can "tag" other players. Once hit, the sensor changes color for a few seconds and allows the player to not be tagged again until the light changes back.
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode.

- CHOOSING THE SENSOR MODE

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the red play button to select a sensor mode:
   Mode 1 - Touch. Sensors react to touch of hand only.
   Mode 2 - Hit. Sensors react to impact.
   Mode 3 - Touch & Hit. Sensors reach to both touch and hit.
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode

- SENSOR SENSITIVITY

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the "10 HITS" button to select a sensor sensitivity mode:
   1 - High Sensitivity. Sensors are very sensitive and can be easily hit with slightest impact. NOT GOOD FOR SKEE BALL AND OTHER SPORTS GAMES.
   2 - Normal Sensitivity. Sensors are less sensitive to impact.
   3 - Low Sensitivity. Sensors reach to both touch and hit. BEST FOR SKEE BALL AND OTHER SPORTS GAMES
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode

- CHOOSING A FIXED STARTING SPOT

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the "25 HITS" button to toggle on or off.
4. Touch a sensor to select it the starting sensor. Wait until the sensor lights up green. If in HIT mode, the sensor will light up blue.
5. Press the OK button to confirm mode.
6. Press POWER button once to exit configuration mode.

The fixed starting spot doesn't take part in the game. The starting spot can be reset by turning the starting spot off (shown above) and turned back on.

- LOCKING THE VOLUME LEVEL

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the JUNGLE THEME BUTTON to switch this option on or off.
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode.

- SWITCHING ON/OFF THE BACKGROUND MUSIC

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the PIRATE THEME BUTTON to switch this option on or off.
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode.

- SETTING THE STANDBY TIME

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the M BUTTON repeatedly to select a standby time:
   15 minutes, 60 minutes, 180 minutes, or 600 minutes
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode.

- REVERSING THE POINT COUNTING

1. If power is OFF, hold POWER button down for 4 seconds or until the scoreboard lights up. **(1)**
2. Press OK and hold it down while pressing "BUTTON C" to enter configuration mode. **(1)** All linked light sensors will blink blue ONLY when in configuration mode. You will see "CO nF" on the scoreboard when in configuration mode. **(3)**
3. Press the 50 HITS button to switch the option on or off.
4. Press the OK button to confirm mode.
5. Press POWER button once to exit configuration mode.

- ERROR MESSAGES

E0 1 - This error message is displayed if too few spots are connected for the desired action (e.g. starting a game)
E0 2 - This error message is dispalyed if the user tries to use the OK button to confirm a 2P2P group with few than 4 sensors. This error message may also be displayed during an active game. This means that at least one of the active spots is situated to far away or it needs to be charged.