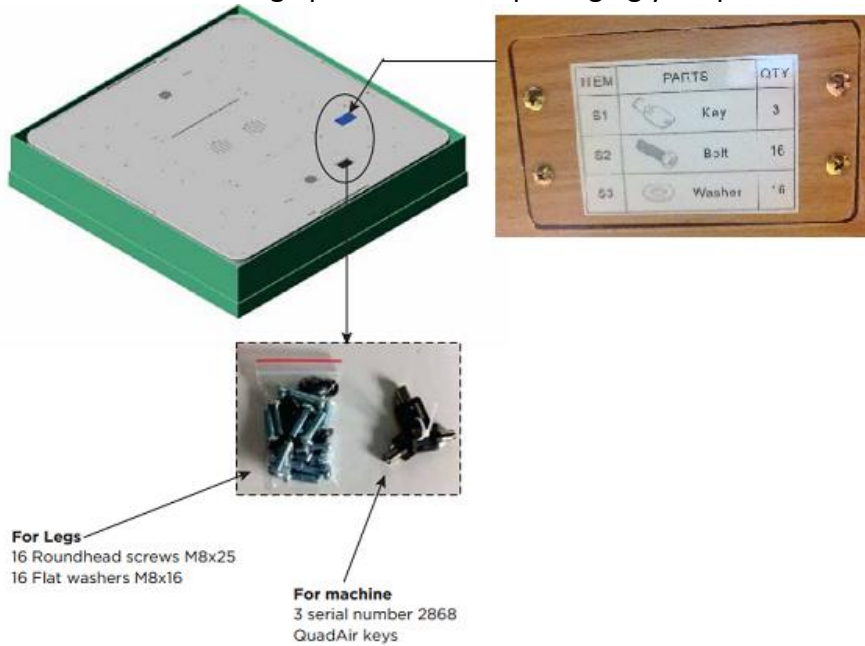


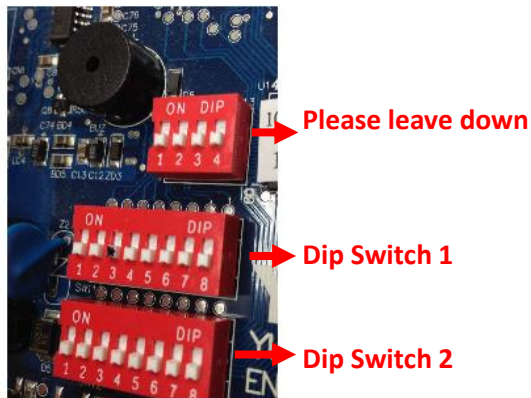
## Quick Tips for QuadAir Operation

The Keys:

Your new QuadAir Keys are located in a compartment located on the base, or wood surface, which should be facing up while first un-packaging your product.



Dip Switches, and Game play:



### DIP Switch Adjustment

for decreased value

SW1 - Dip Switch 1

DIP	SW1	1	2	3	4	5	6	7	8
COINS	CREDITS	1	1	1					
1	2	0	1	1					
1	3	1	0	1					
1	4	0	0	1					
2	1	1	1	0					
3	1	0	1	0					
4	1	1	0	0					

SW2 - Dip Switch 2

DIP	SW2	1	2	3	4	5	6	7	8
LIFE	5	0	0	0					
	5	1	0	0					
	5	0	1	0					
	5	1	1	0					
	5	0	0	1					
	5	1	0	1					
	4	0	1	1					
	3	1	1	1					
TIME	NO LIMIT				0	0	0		
	10				1	0	0		
	8				0	1	0		
	6				1	1	0		
	4				0	0	1		
	3				1	0	1		
	2				0	1	1		
	1				1	1	1		

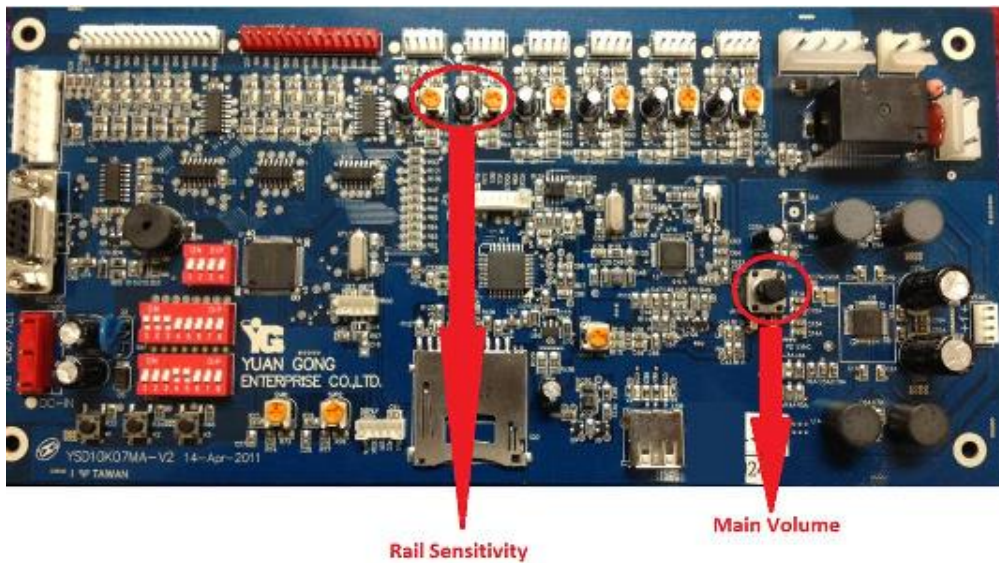
I = UP O = DOWN

\*Default switch position is down.

\*Tip\* Credits are per side

## Setting the Volume:

The three knobs (2 yellow, 1 black) shown below can be turned clockwise or counter clockwise to reach the desired volume level. The rail noise is activated when a puck strikes any of the four side rails. The main volume controls the attraction music and game play sound.



## Setting the Coin Comparator:

1) Side view of your coin comparator

2) Lift coin comparator arm

3) Place currency in cradle. Release arm.



**\*Tip\*** One coin or token must remain in the coin mechanism. All 4 coin mechanisms need to be set.

**Done!**

## Tips for QuadAir Maintenance

- It is highly recommend that all QuadAir playfields are polished weekly and more frequently during times of high use to keep them both shiny, and smooth.
- It is beneficial to use a fine grit sandpaper to smooth the surface of the pucks to keep them gliding smoothly whenever needed.
- Ensure the felts on the base of the mallets are clean and firmly attached to prevent scuffs on the playfield surface.
- Vacuum the inside cavity and blower intake of your air hockey table.
  - Dust, grime, and other debris can collect inside the body of your table over time. Please give special attention to the gear in the goal assembly. This may become jammed over time. \*Please see "removing rails" below.
  - The easiest way to access the inside of the table is through the puck drop chute doors and the blower compartment door located under the table.

### Rail Removal:

- Locate the seam in the black rubber rail trim which lines the top of the QuadAir table
- Use a flathead screwdriver or blunt object to pry the end up, and gently pull the rubber rail trim from the top of the table. \*Caution\* This rubber can stretch. \*More information on this in during "rail installation".
- The rail screws will be exposed once the rubber rail trim is removed.
- You will have access to the goal assemblies once the rail screws and rails are removed from the table surface.

### Goal Assembly troubleshooting:

If the metal puck blocker is "shuttering" or "jumping" up and down:

- Turn the game off!

This issue is caused by micro switches that are not being fully engaged. There are two ways to solve this problem.

The quick way:

Open the puck chute door to view the goal assembly from the bottom side. Make sure that the peg that is attached to the puck blocker makes firm contact with the micro switch actuator arm. The actuator arm must be adjusted if the peg does not make firm contact. The arms must be bent in the direction that the micro switch faces. The one towards the top of the goal must be bent up, the one on the bottom of the goal must be bent down.

The detailed way:

The rubber rail trim, rails and goal assembly must be removed from the table. With the goal assembly wires attached, test the side by crediting it and passing a puck through the puck sensor till the gate raises. Adjusting the actuator arms on the micro switch will be easier with the assembly exposed.

Goal assemblies getting stuck:

After following the steps to remove the goal assembly:

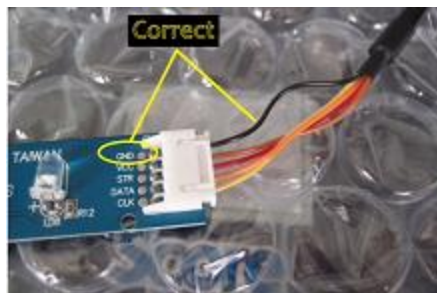
Remove the puck blocker and lay on a flat surface. Use a rubber mallet or any other means to adjust the blocker and make sure that it is flat. If this piece bends it may cause the teeth to grind with the motor gear which will in turn break the motor.

Rail installation:

**\*Important\*** The rails are in a sequence and cannot be rearranged. Make sure they are put back in the same spot with the same wire attached to the LEDs. Once the rail screws are in the rails reinsert the black rubber rail trim. This can be done by hand or with the aid of a rubber mallet.

**\*Tip\*** This rubber can shrink if left in the cold. It is much easier to install when warm.

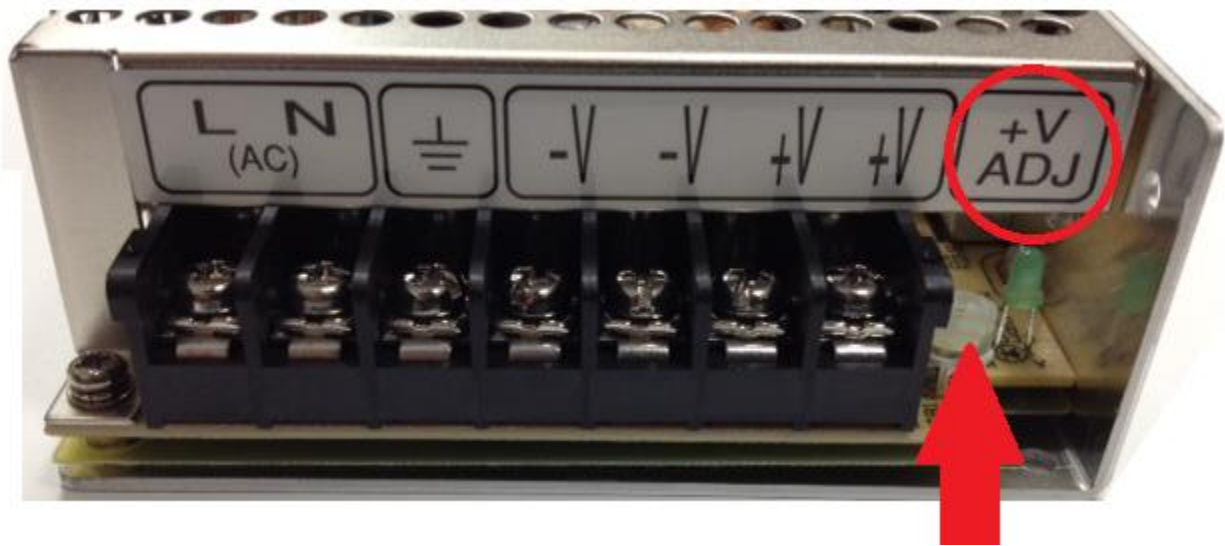
If your table shows 1 life light, and 1 time light it means that the rails are out of sequence. Please remove them and ensure that the black wire lines up with the GND position on the rail LED strip.



**Black wire always with GND**



Solenoids misfiring:



Misfiring solenoids can be caused by low voltage. Voltage issues may be from a card swipe system attached to the 12V power supply in the table or by the knob (technically called a "Trimpot") in the photo above. It is recommended that customers use an external power source for card swipe systems. Check the voltage coming out of the power supply and adjust the trimpot by rotating it clockwise or counterclockwise as necessary to increase or reduce the output, if solenoid issues are not from the card swipe system.



For comments, questions, and concerns please contact the Barron Games Service Department at +1(716) 866-0054 or [Service@barrongames.com](mailto:Service@barrongames.com).