



### Features:

- Parabolic current ramping – an industry first. Your HATRED gun board broadcasts your current ROF with every firing cycle. Your SYMBIO loader board will ALWAYS know not only *when* your gun is firing, but *how fast* your gun is firing. The faster your gun cycles, the more current the SYMBIO will send to your motor.
- The first ever paintball circuit board with a fully integrated **wireless transceiver!**
- Proactive, not reactive. Your loader begins feeding the next paintball before your gun as even finished cycling.
- Proactive wireless operation eliminates gaps in your stack of paintballs. The results is a much more consistent and fluid cycling marker.
- 32 different wireless addresses means only your loader will respond to your gun.
- Fully compatible with all HATRED wireless gun boards.
- Proprietary multi-tasking algorithms continuously monitor all wireless and eye events to ensure that all load commands register and are processed
- Enhanced battery life in RF mode. The SYMBIO loader board operates off a 915 MHz RF frequency and therefore does not need to waste precious battery life by perpetually scanning the loader's eyes for paintball activity.
- Instantaneous eye status in Eye Mode – another industry first.
- A "forced load" feature allows the user to load additional paintballs into his or her marker on the fly.
- Instantaneous battery status.
- Bright, multi-color LED provides better clarity as to the loader's current status.

### Installation:

1. Remove the screws that secure the Halo halves in place.
2. Remove the battery door and prop open the lid.
3. Slid the two halves of the Halo open to expose the circuit board.
4. Remove the stock circuit board from the loader. Take careful note as to the placement and position of the wiring harnesses.
5. Insert your new SYMBIO wireless loader board.
6. Plug your wiring harness(es) into the SYMBIO exactly as they were plugged into your original board.
7. Reinsert all components into a single side of your Halo shell.

8. Attach the opposite side of your Halo shell. Make sure your lid pin is lined up correctly and make sure not to pinch any wires when attaching the shells.

NOTE: In order to provide a snug fit, the SYMBIO board is slightly thicker than most Halo boards. During installation, you may have to use some force to get the SYMBIO to seat properly into each half of the shell.

The warranty for SYMBIO products does NOT include damage due to improper installation. Please call for assistance or let a qualified paintball shop perform the installation if needed.

### Power :

**Power On:** Simply press the loader's button for a period of one second and your loader will instantly power on. When the loader first turns on, you will briefly see a flickering **GREEN** or **RED** LED. The **GREEN** indicates a good battery and the **RED** means replace the battery as soon as possible.

**Power Off:** To turn the loader off, press and hold the power button until the LED goes through a rainbow power down sequence. As soon as the rainbow power down sequence is initiated, you may release the power button.

### Wireless Address Programming:

To sync your SYMBIO with your HATRED gun board, first enter the programming menu on your HATRED gun board and find the wireless address select option (white LED). To enter the wireless address select option on your SYMBIO, first turn your loader fully off. Press and continue to hold in your loader's power button until your loader starts blinking **WHITE**. When you release the button, the loader is in **LEARN MODE** and will display a solid white LED.

Make sure your loader is sitting no farther than 12 inches away from your HATRED gun board before you attempt to sync them. On your HATRED gun board, use the wireless address select option to set your wireless address (1-32). Your HATRED gun board will then blink back the current setting and then go through a rainbow sequence. After the rainbow sequence is complete on the gun, the loader will pulse once to signify a successful sync and then enter wireless mode (yellow LED). Power your gun down and then back on and you've SYNC'd UP!

### Wireless Operation:

When you first power the SYMBIO on, the loader will enter **WIRELESS MODE**. The **WIRELESS MODE** is indicated by a **YELLOW LED**. The loader will sit idle until a wireless **LOAD** command is received from your HATRED board. The SYMBIO's LED will blink **PURPLE** every time a load command is received and the motor successfully spins.

Each and every HATRED gun board broadcasts that gun's current rate of fire with every wireless transmission. Simply, the faster you shoot, the faster the SYMBIO loader board will load paintballs – an industry first. The ROF transmissions allow your loader to infer **EXACTLY** how fast your marker is shooting and load paintballs accordingly. Your SYMBIO will never starve your marker and simultaneously will never overfeed and smash brittle paint.

### Eye Mode Operation:

To enter the **EYE MODE** on the SYMBIO, first boot up your loader into **WIRELESS MODE**. While in **WIRELESS MODE**, hold your loader's

power button in for one second until the LED turns **EITHER** blue or red. If your LED is blue or red, you've successfully entered eye mode.

A **red LED** indicates that you're in **EYE MODE** and your eyes are either not installed or that there's no paint in the breech of your loader. This LED color is identical to the operation of HATRED gun boards when the eyes are enabled and there is not paint in the breech. The motor will spin every time the SYMBIO's LED is red.

A **blue LED** indicates that you're in **EYE MODE** and your loader's eyes sense a paintball in the feedneck of the loader. This LED color is identical to the operation of HATRED gun boards when the eyes are enabled and there is paint in the breech. The motor will not spin when the SYMBIO's LED is blue.

While in eye mode, the LED operation will toggle between blue and red as your loader is feeding.

Holding your loader's power button in for one second will toggle between **EYE MODE** and **WIRELESS MODE**. Holding the power button in continuously will power down the loader.

### Forced Feed:

Tapping your loader's button for less than a second will force the loader to spin and load paintballs into your gun. The forced feed feature works in both **WIRELESS MODE** and **EYE MODE**.

### Warranty:

The SYMBIO loader board is warranted free from any and all manufacturing defects or software bugs for a period of six months from the date of purchase. Warranties are non-transferable.

Problems caused by customer negligence are not covered under warranty. "Negligence" includes, but may not be limited to, using batteries other than six Alkaline AA's, breaking parts off the board itself, and other improper usage. If any SYMBIO product should need repaired after the warranty period expires, a repair fee may be required.

### Developed By

**HATER PAINTBALL LLC**  
 2752 Michigan Avenue  
 Unit Four  
 Kissimmee, Florida 34744  
 United States  
 317-354-5201 (p)  
 317-203-0719 (f)  
 info@haterpaintball.com  
 www.haterpaintball.com

### Tech Support Offered Through

**Paintball Solutions**  
 Paintball Solutions  
 55 Howard Avenue  
 Des Plaines, IL 60018  
 800.220.3222  
 tech@paintballsolutions.com