Reloaded Board for Shocker and Nerve

Extension port

Fully legal in PSP, IXL, Millennium a NPPL

Tri-color LED

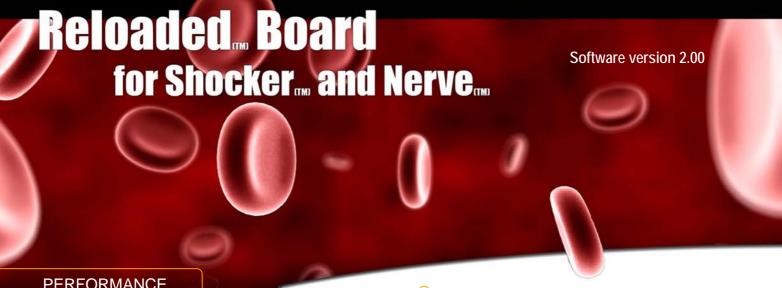
9 firing modes

Inverted switch

It's in your blood.







PERFORMANCE

HIGHLIGHTS

- Developed for hard gamers. Sustained rate of fire in all situations!
- High Trigger scan priority for maximum sensitivity.
- Automatic filtering of trigger bounces. No need to consider it!
- Just drop in and PLAY! No need for mechanical mods of the Shocker.
- Seamless setup through the XTEND board

FEATURES

- High Trigger poling rate
- Up to 24 bps while the eyes are
- Automatic Drop Off Control (ADOC). Automatic Trigger Debounce (ATD).
- Power Aware Design (PAD) for maximum battery life.
- Exclusive Auto-Adaptive Loader
- Delay (A²LD) Automatic Force Fire (AF²) in case of obstructed barrel and empty breech while eyes are on.
- First shot boost (ADOC) after inactivity in FCP mode
- Automatic eyes de-activation in case of loader problem
- New ROF Concept
- All Adjustment parameters stored in non volatile memory.
- On board buzzer, vibrator and Tricolor led.
- Reloaded Xtend[™] LCD extension
- 9 Fire Modes available

RELOADED® Board -firmware 2.00 for Shocker® and Nerve®

This board is a French Connection Paintball product.

FCP has developed a new board for the popular Smart Part® SHOCKER® and NERVE®.

The RELOADED® board process data from the trigger and the eyes using a unique combination of hardware and software improvements. Its objective is to provide a repeatable and accurate rate of fire, whatever the situation in the field.

The **RELOADED**® is a flexible and state of the art electronic board that will ensure a sustained rate of fire while the player is under pressure, therefore allowing him to concentrate on the action instead of on his finger.

The **RELOADED**® allows for fast programming through its unique GAME TYPE parameter. Nine GAME TYPES are available: NPPL, SEMI AJUSTABLE, MILLENNIUM, PSP & PSP Burst, FCP Ramp Mode, NXL mode, Breakout mode & Laser Beam Mode.

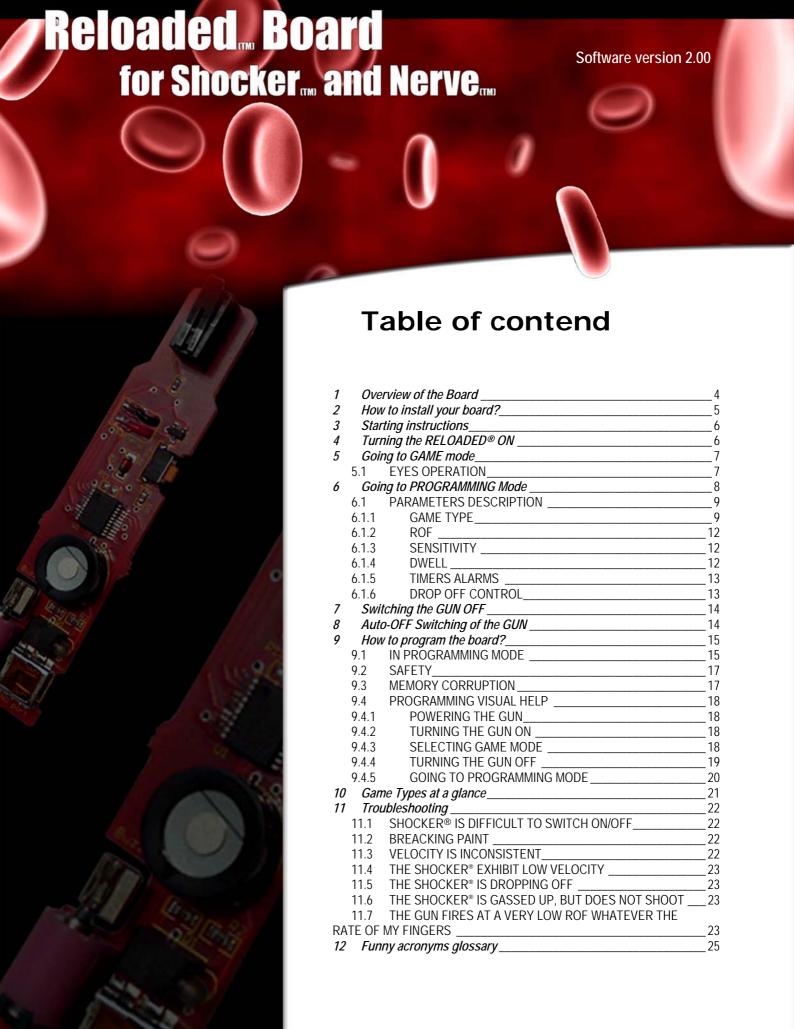
We added a ROF concept, that <u>automatically compensates</u> for DWELL adjustement to guaranty an accurate "ball per second" adjustement.

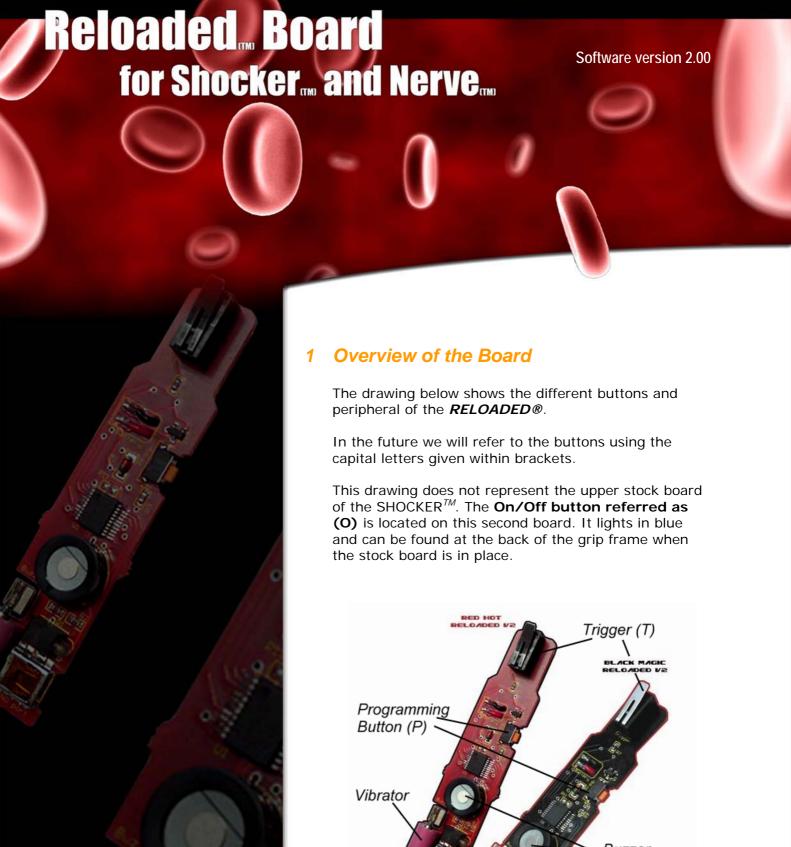
The RELOADED® board can be extended through its on board **RELOADED XTEND**® port.

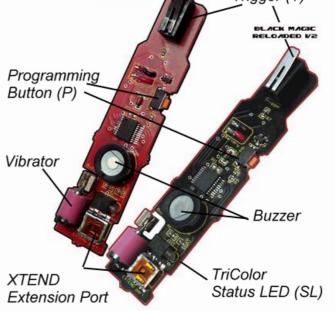
The **RELOADED XTEND**® board is a remote control with an embedded LCD matrix.

The RELOADED XTEND® remote control offers a valuable advantage over other SHOCKER® boards.

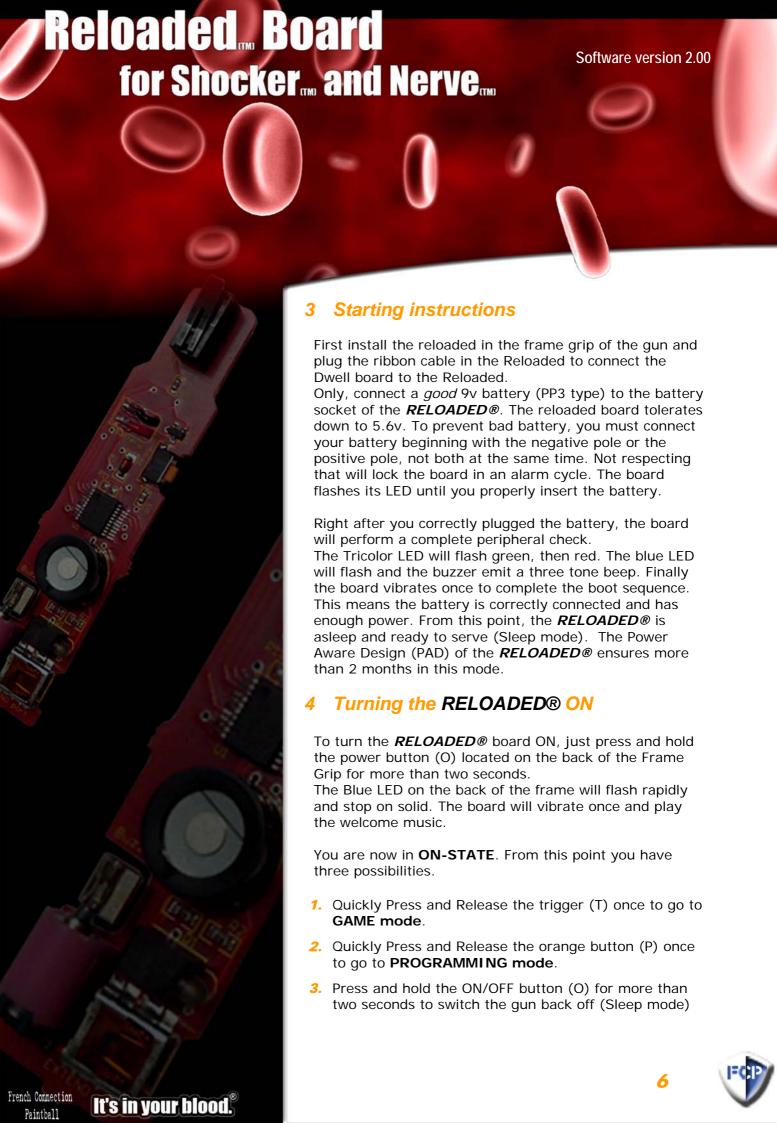
It allows you to seamlessly program your favorite modes with crystal clear messages displayed on the LCD matrix.

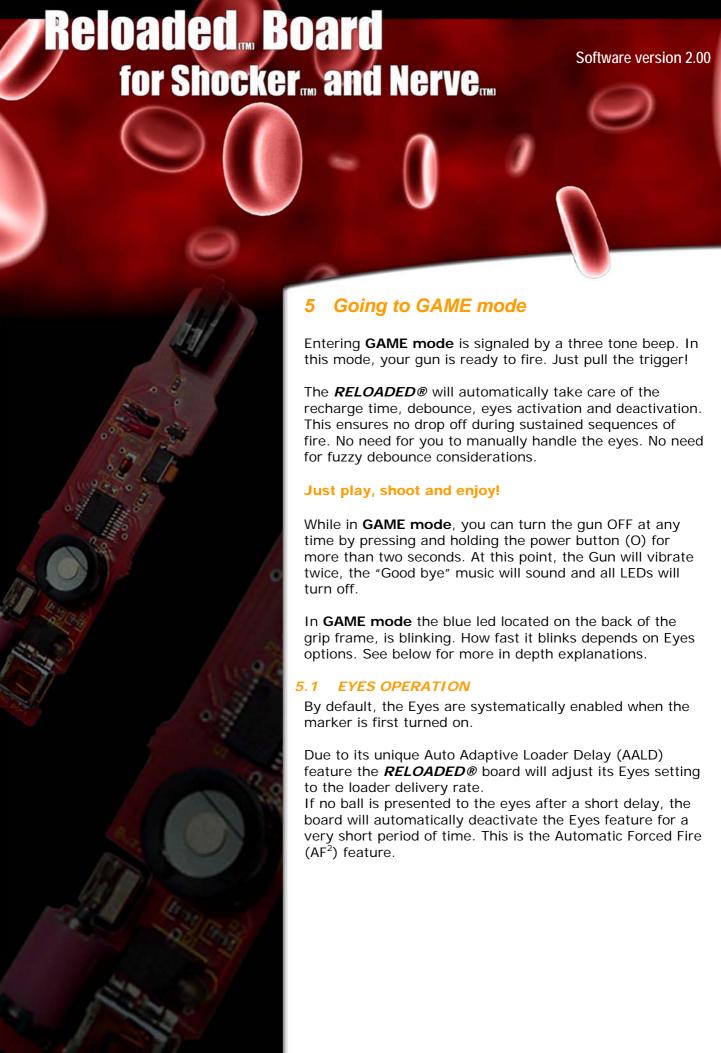


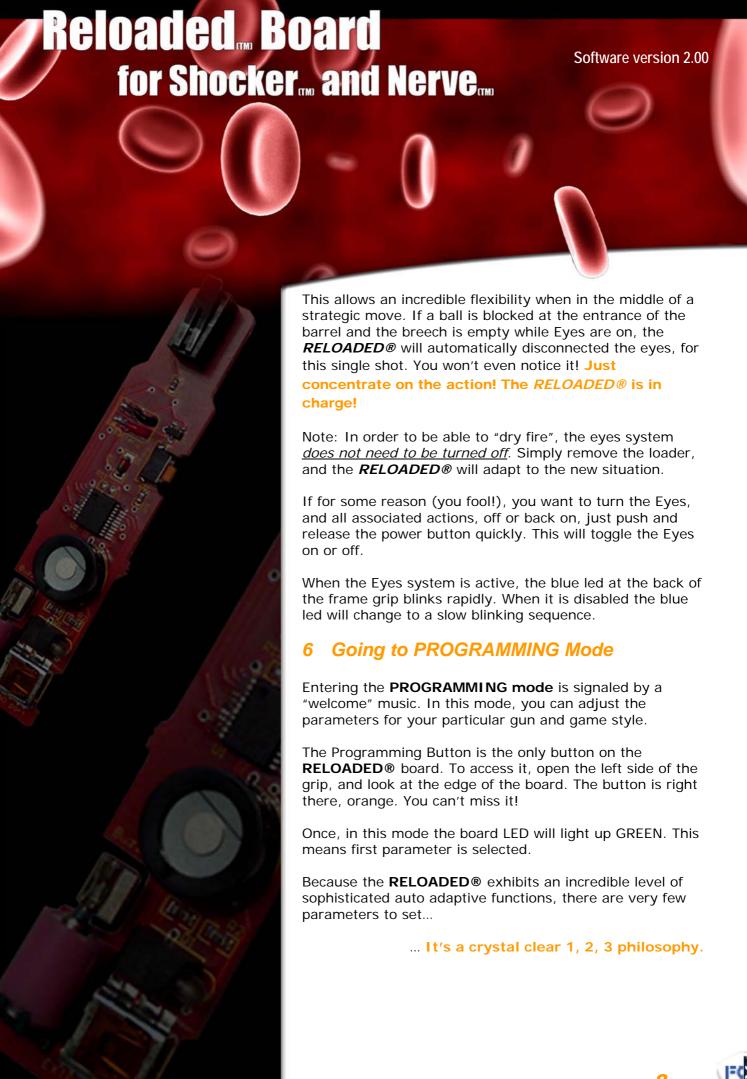








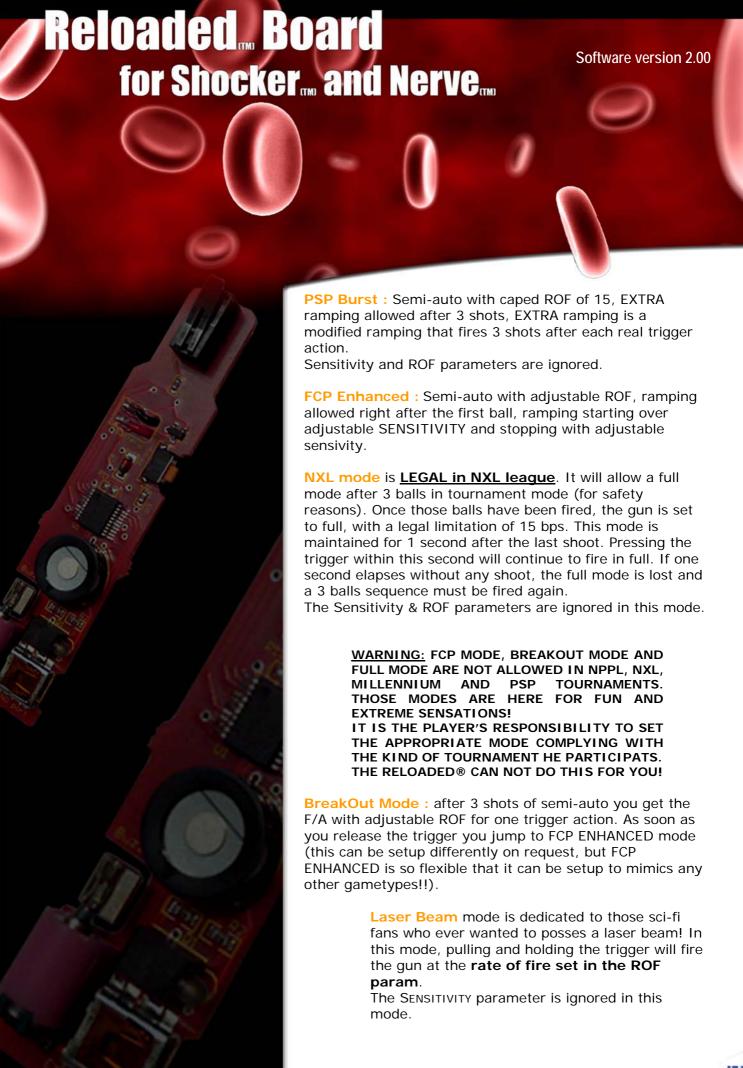


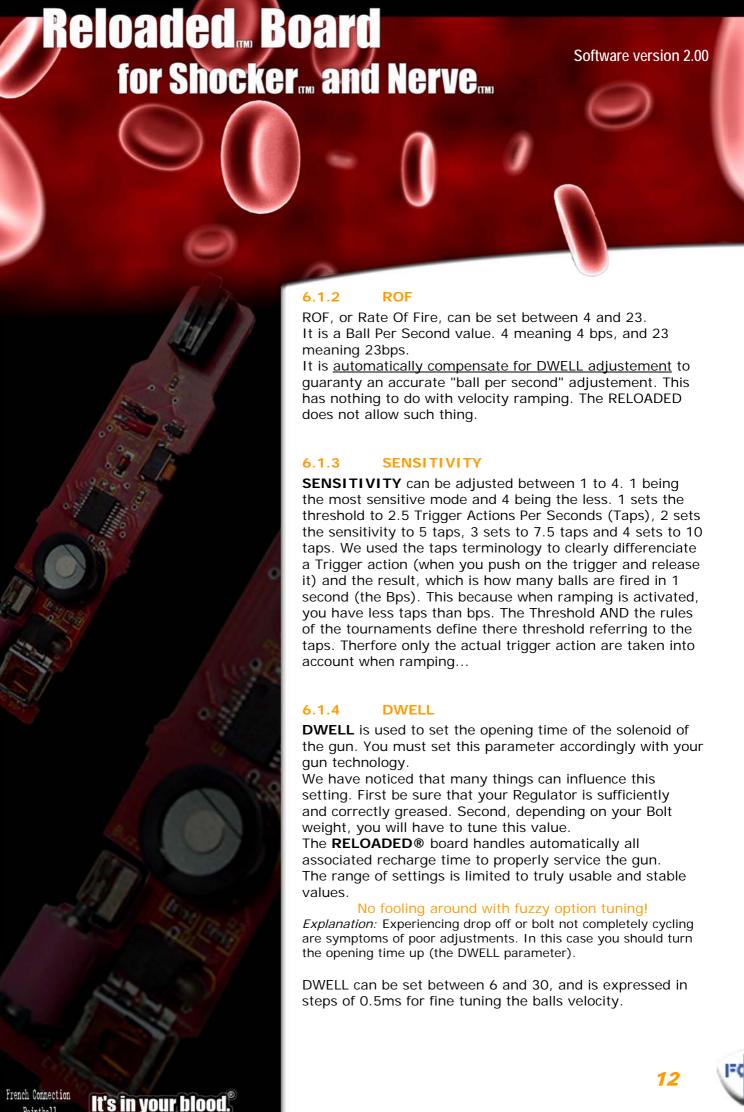


lt's in your blood."

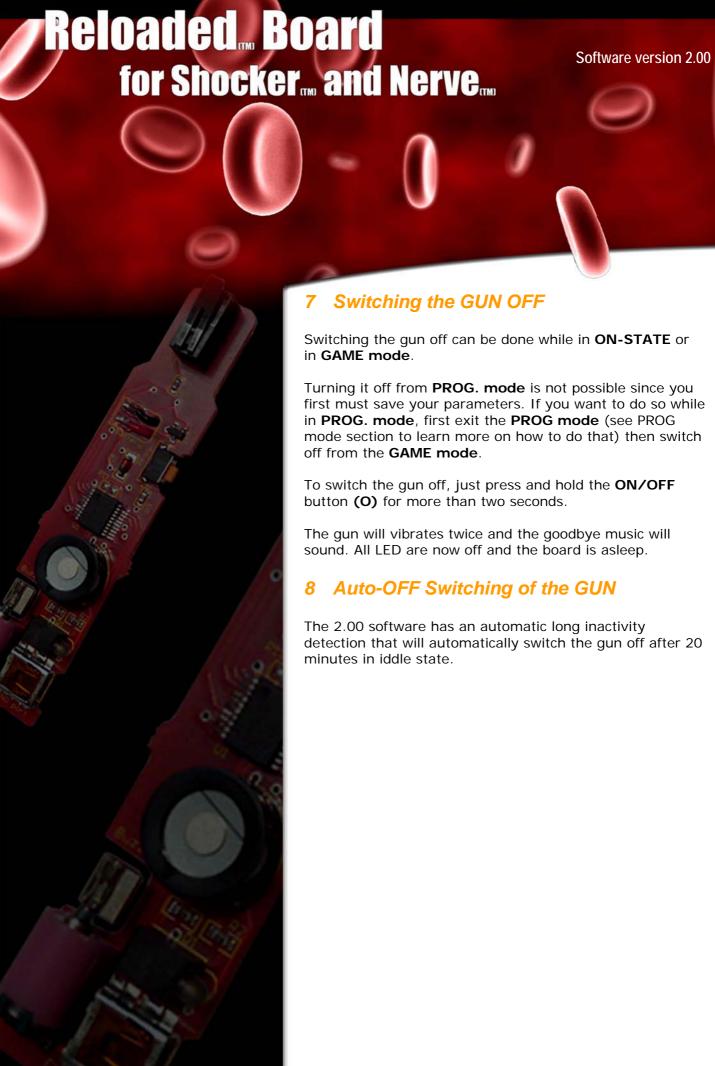


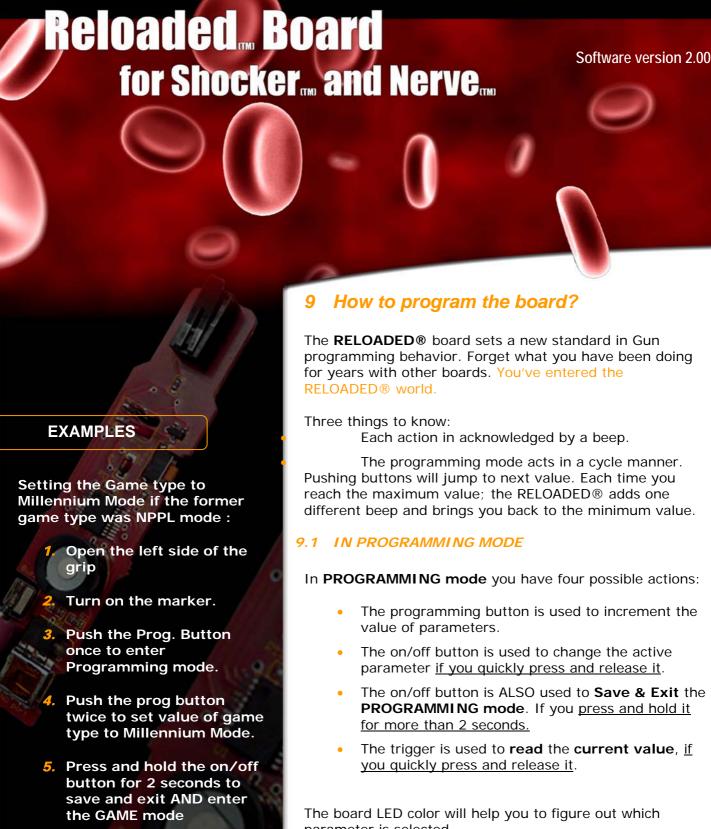












The on/off button is ALSO used to Save & Exit the

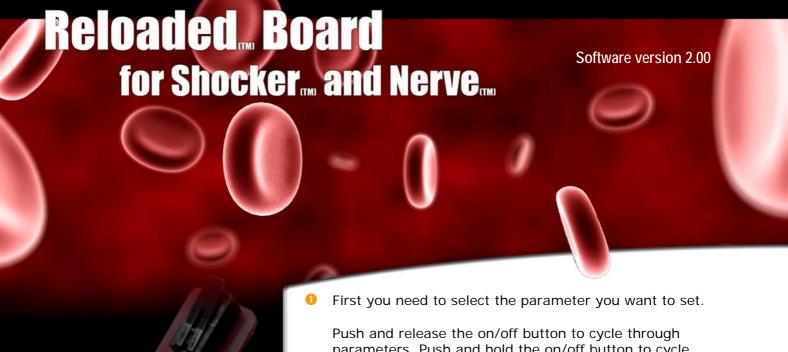
parameter is selected.

Solid Green Game type Solid Orange **ROF** Solid Red Sensitivity Blinking Green **DWELL** Blinking Orange Timers Alarm Blinking Red **ADOC**

NOTE: FOR SAFETY REASONS, PROGRAMMING THE GUN SHOULD BE DONE WITHOUT ANY BALL IN THE FEEDER SINCE YOUR GOING DIRECTLY TO GAME MODE AFTER PROGRAMMING.

Your Game type is programmed

and ready to be tested



Programming Example 2:

Setting the Sensitivity to 1:

- 1. Open the left side of the grip
- Turn on the marker.
- Push the Prog. Button once to enter Programming mode.
- Push the On/Off button twice to select the SENSITIVITY parameter.
- Starting from a sensitivity of 2, for example, push the programming button 3 times to set value of SENSITIVITY to 1. You have cycled trough the whole range and jumped back to the min value.
- 6. Press and hold the trigger for 2 seconds to save and exit AND enter the GAME mode.

Your Sensitivity is programmed.

parameters. Push and hold the on/off button to cycle faster and automatically through the parameters.

You now need to change the value of the parameter.

Push and release the Programming button to cycle through values.

Push and hold the Programming button to cycle faster and automatically through the values.

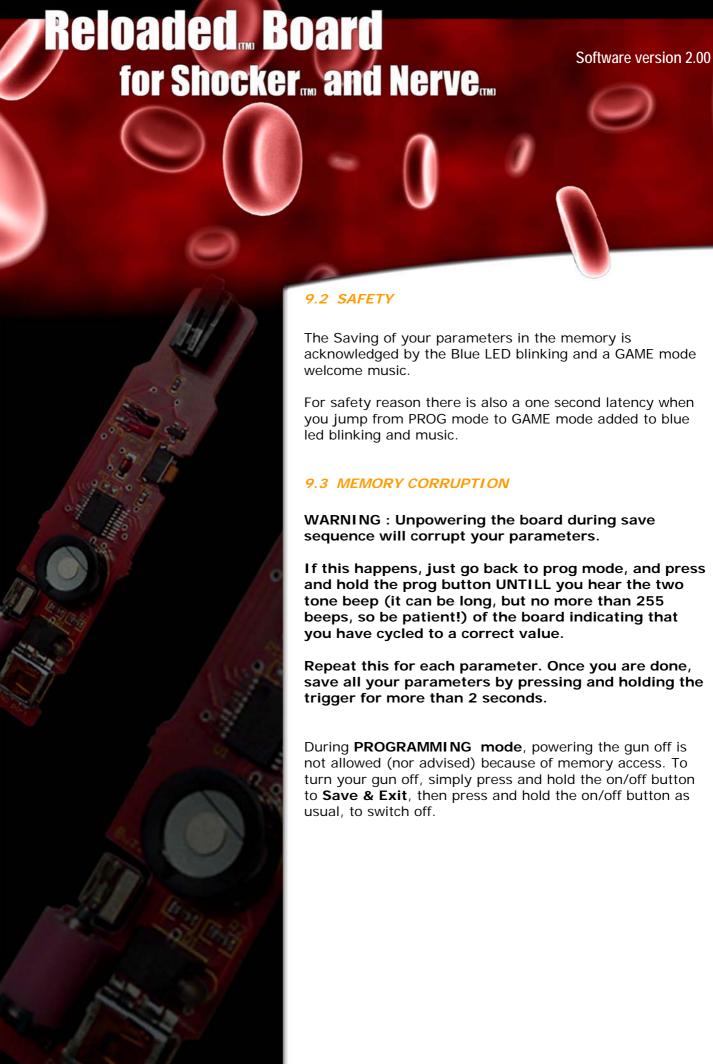
Remember: Each time you reach the maximum value, you jump to the minimum value. This situation will be indicated by a second and different beep. Each time the value is incremented, a beep is emitted making the tuning very easy.

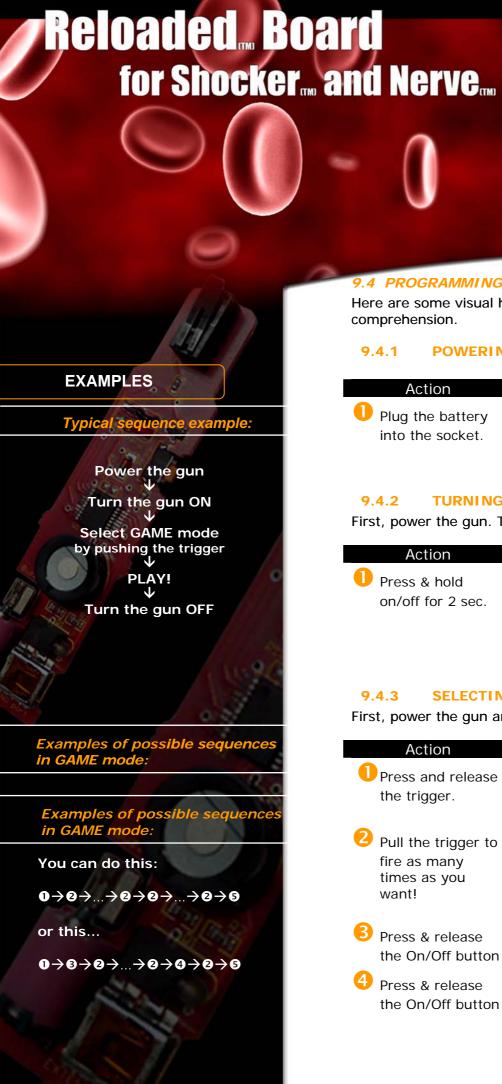
- If you don't remember the value of a parameter, just quickly press & release de Trigger (T). The board will play one beep per increment of the parameter (10 beeps for a value of 10) AND the Blue LED will light once per increment of the parameter (this is a new feature). You see and hear the value.
- Once you are all set and satisfied with your tunings, just press and hold the on/off button (O) for more than 2 seconds.

Your parameters are saved in the non volatile memory of the board so that you don't need to reprogram everything, next time you turn your gun on.

You are now ready to test the new settings... ...Enjoy!

Note: Pressing the on/off for more than 2 seconds saves and exits **AND** gets you to the GAME mode with the parameters you just set. No need to turn the gun OFF and ON.





9.4 PROGRAMMING VISUAL HELP

Here are some visual helps for better comprehension.

POWERING THE GUN 9.4.1

Action

What happens?

Software version 2.00

Plug the battery into the socket.

- The board vibrates once and emits a two tone beep.
- The gun is ON but asleep!

9.4.2 **TURNING THE GUN ON**

First, power the gun. Then...

Action

What happens?

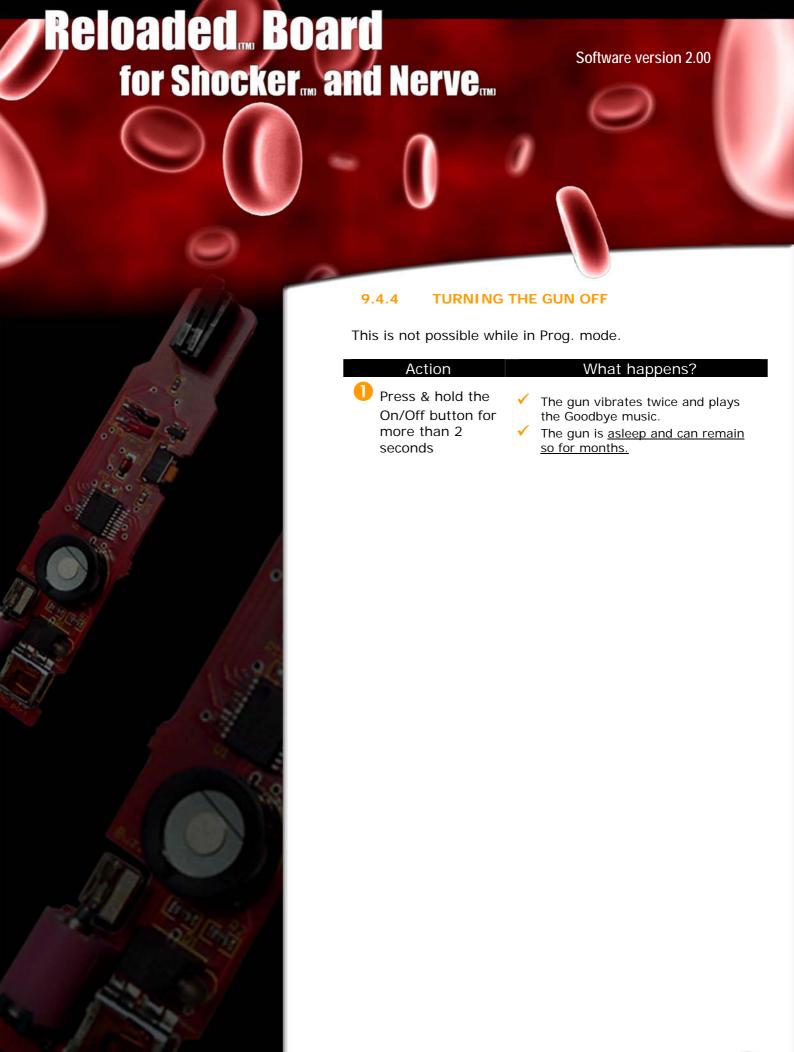
- Press & hold on/off for 2 sec.
- The Green, Blue and Red LED flash
- The gun vibrates once and plays the welcome music.

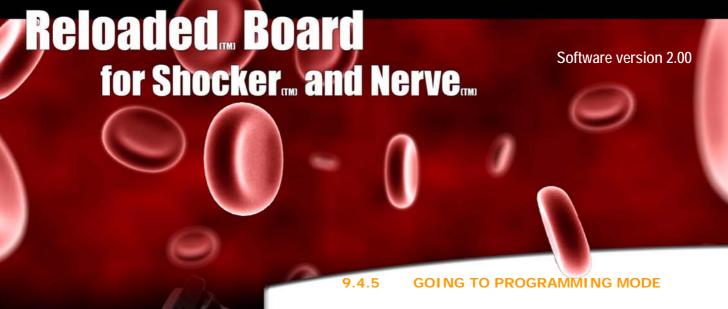
9.4.3 **SELECTING GAME MODE**

First, power the gun and turn it ON. Then...

What happens? Action Press and release The gun plays a three tone beep the trigger. The gun is in GAME mode. The BLUE LED blinks rapidly. Pull the trigger to The gun fires. fire as many Rate of fire depends on times as you programmed parameters. want! Each time you fire the BLUE LED flashes. Press & release The EYES are OFF. the On/Off button The BLUE LED blinks slowly. Press & release The EYES are ON.

The BLUE LED blinks rapidly.





EXAMPLES

Power the gun

Turn the gun ON

Select PROG. mode by pushing the Programming button

> Save & Exit to GAME mode

Test settings.

Close the grip and/or Turn the gun OFF

Examples of possible see in PROG mode:

You can do this to set you gun to Full auto:

 $0\rightarrow$ 8 \rightarrow 8 \rightarrow 8 \rightarrow 4

You can do this to change Dwell from 8ms to 9ms (by steps of 0.5ms) and Sensitivity from 1 to 4:

 $0 \rightarrow 2 \rightarrow 2 \rightarrow 3 \rightarrow 3 \rightarrow 2 \rightarrow 3 \rightarrow 3 \rightarrow 3$

Action

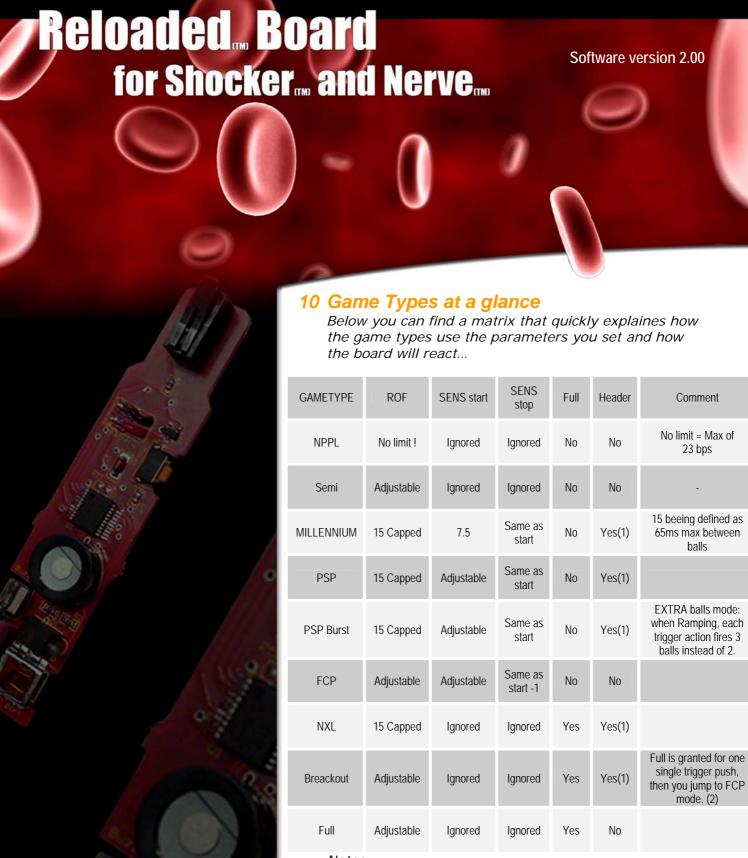
Press and release the

Programming button.

- Press and release the On/Off button or press & hold the On/Off button to cycle trough parameters.
- Press and release the **Programming** button or press & hold the programming button.
- Press & hold the on/off button for 2 seconds
- bis Press & release the trigger

What happens?

- The gun plays a Welcome Prog. music. The gun is in PROGRAMMING mode.
- The GREEN LED is ON, meaning "Game type" parameter is selected.
- The gun beeps once for each action or beeps rapidly if you hold the button. The LED will cycle accordingly. SOLID GREEN→SOLID ORANGE→SOLID RED→ BLINKING GREEN→ BLINKING ORANGE→ BLINKING RED for each action.
- When you reach the parameter you want to set, stop your action.
- Press and release (T) to hear one beep per unity (see 4bis).
- If you reach the last parameter the gun plays a different beep once and jumps to the first parameter.
- The gun beeps once for each action or beeps rapidly if you hold the button. The LED is ON and its color indicates the active parameter you are setting.
- If you reach the last value the gun vibrates once and jumps to the first value.
- The gun "Saves & Exits" the programming mode and Jumps to GAME mode where you can instantly test the new setup.
- The gun will "read" the current value of the parameter. It sounds once for each increment of the value.
 - 1 beep for NPPL Mode
 - 2 beeps for Ajustable semi
 - 3 beeps for Millennium
 - etc...

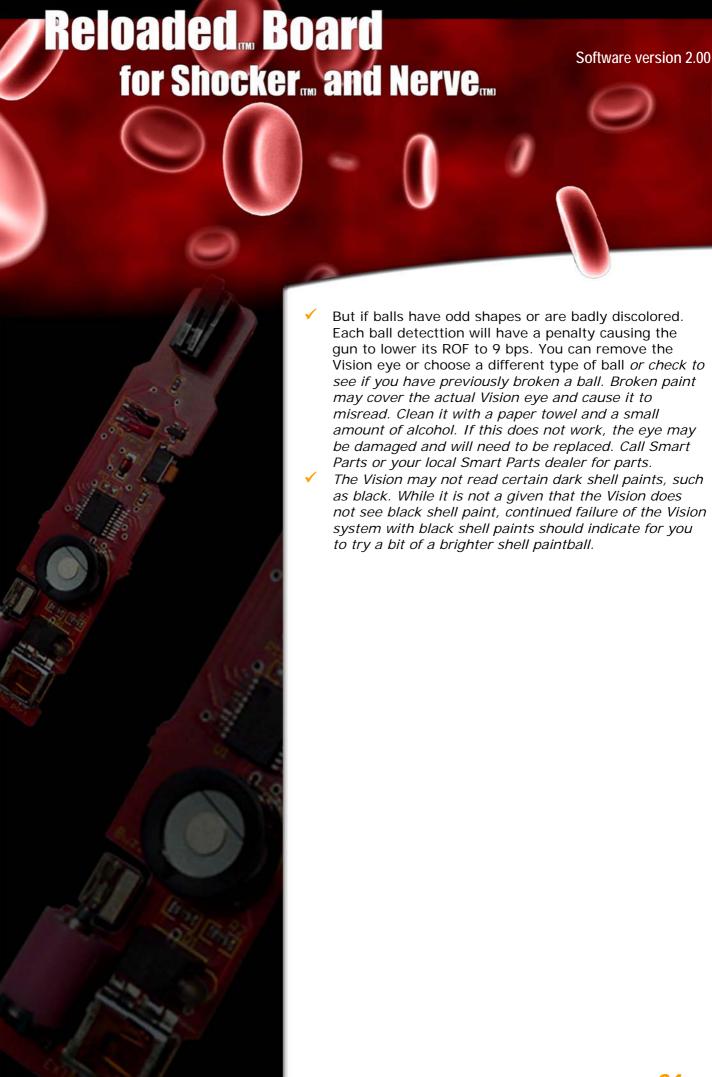


- (1) A header is a semi-auto sequence that you have to perform prior to anything. This header is reactivated each time you don't fire for more than 1 second.
- (2) Full is obtain only once in the game. Once you have performed the security header, and pushed the trigger within the next 1 second, you get the Full. As soon as you release the trigger, you jump to FCP mode.

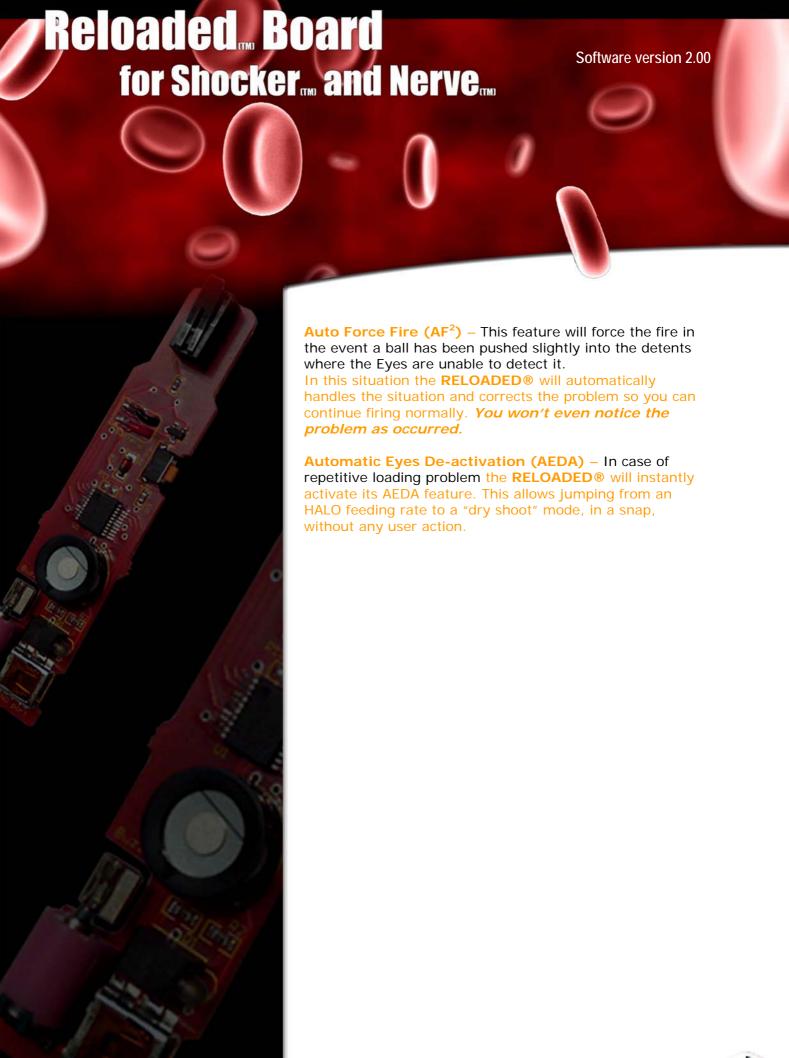
Remember that FCP, Breackout and full are not legal in tournaments... So reprogrammed your board before entering the fields... Or you will be outlaw!











Paintball

It's in your blood.





