

# Quick Reference Guide

W.A.S. Equalizer Board  
Tippmann A5 & 98 Custom-E Series

**Familiarize yourself with the manual before using this quick reference guide.**

## **Turning on the Equalizer Board**

Press and hold the power button for ½ of a second, and then release it. Flashing green = ready to fire. Flashing Red = low battery.

## **Turning off the Equalizer Board**

Press and hold the power button until the LED becomes solid red, and then release the button.

## **Programming**

The Firing Mode, Dwell, Debounce™ & Rate of Fire (ROF) Cap functions are programmable by following these instructions:

- Make sure the power is off.
- Pull and hold the trigger in the back position. Press and hold the power button for 1 second. The LED will light up orange.
- Release the power button and then the trigger. The LED will light red.
- Pulling and releasing the trigger will advance to the next programming feature.

## **Programming Features**

**Solid Red:** Dwell programming mode.

**Solid Green:** Debounce™ programming mode.

**Flickering Green:** Rate of Fire (ROF) cap programming mode.

**Alternating Green/Orange:** Firing mode.

When you decide which programming feature you want to change, pull the trigger and hold it until the LED goes out, and then release the trigger. There will be a 2 second pause, and then the LED will flash green the number of times that represents the setting associated with that feature.

Once you have pulled and released the trigger the number of times you wanted the feature setting to be, do not touch the trigger. After 5 seconds, the LED will flash a rainbow of colors indicating that the feature setting change has been accepted. After this, the board will return to the programming menu. **When programming is complete, turn board off to accept changes.**

## **Firing Mode**

Pull and release the trigger the number of times necessary to set the Firing Mode to what you want to use.

The following is a list of the possible Firing Modes and the flashes (trigger pulls required):

- |             |   |
|-------------|---|
| 1 flash –   | Semi-auto = 1 shot for every trigger pull (NPPL legal)                                      |
| 2 flashes – | 3 shot ramping = Ramps to 15 BPS (PSP legal)  |
| 3 flashes – | 3 shot full auto = Pull the trigger 3 times, and then hold for Safety Full-Auto (NXL legal) |
| 4 flashes – | Auto Response = Fires on the Pull & Release   |
| 5 flashes – | Turbo = Ramps to max ROF when the trigger is continually pulled faster than .25 per second. |

***See manual for full explanation of each feature.***

## **Dwell**

After selecting the Dwell programming feature, and once the LED stops flashing, you can now pull and release the trigger once for every 1ms of time you want the dwell to be. Note; dwell should be left at the default setting.

## **Debounce™**

Pull and release the trigger once for every 1ms of time you want the setting to be.

## **ROF Cap**

Pull and release the trigger once for the number of times you want the Rate of Fire (ROF) cap to be. For example, 20 pulls/releases would be 20 bps. The default ROF Cap is 15 bps.

## **Programming Complete**

Once you pulled and released the trigger the number of times necessary to set the function, wait a few seconds. The LED will flash red/green/orange in rapid succession (numerous times) to let you know that the new setting has been saved. After this, the LED will return to the color representing what the current programming menu item is. At this point, you can once again pull and release the trigger to toggle between Dwell, Debounce™, ROF Cap, and Firing Mode.

## **RESET**

You can perform a complete reset, restoring all settings to the factory defaults. To do this just hold down the trigger for 6 full seconds while in the programming menu. It does not matter what programming mode you are currently in. The LED will start flashing red, letting you know that a reset operation is being performed. After this occurs, you will be back to the programming starting point. DO NOT release the trigger until you see the LED flashing red or the reset will not occur.