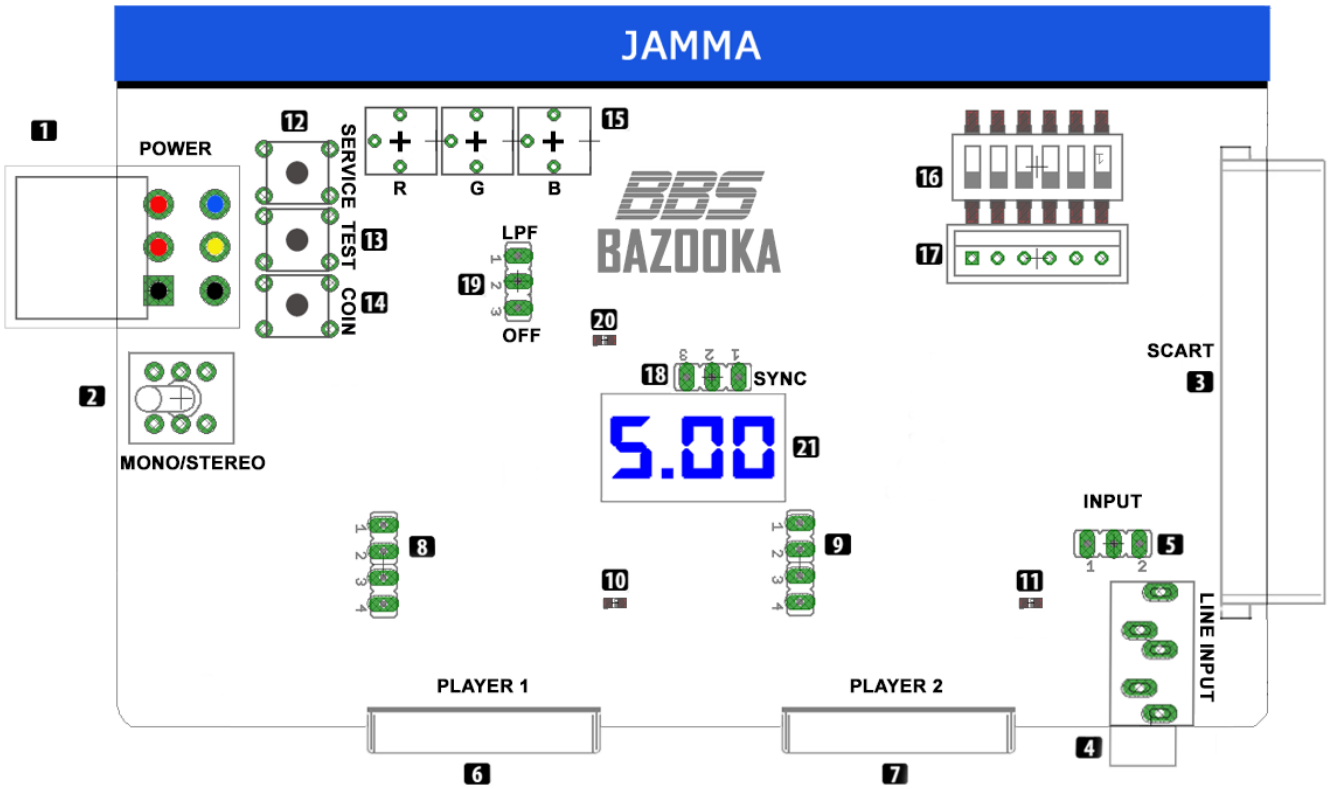
BAZOOKA

QUICK START GUIDE



1. Power supply input socket (Red: 5v, Yellow: 12v, Black: Ground, Blue: -5v(negative))
2. Push-button for Mono/Stereo Audio output mode selection
3. Scart output for audio/video with auto switching RGB mode
4. Headphone jack for Line Audio input
5. Switch for Audio output selection, attenuated Jamma(Position 2) or Stereo Line out (e.q. CPS2) (Position 1)
6. Player 1 **Saturn** Controller input
7. Player 2 **Saturn** Controller input
8. Player 1 controller ICSP programming pins , pinout below
9. Player 2 controller ICSP programming pins , pinout below
10. Player 1 controller status led
11. Player 2 controller status led
12. Service mode switch
13. Test mode switch
14. Coin switch
15. Potentiometers for adjusting Red, Green, Blue colors
16. Dipswitch for activating or disactivating Buttons 4,5 and 6 through Jamma or kick harness
17. Kick harness connector, input pins from left to right: P2-B6, P2-B5, P2-B4, P1-B6, P1-B5, P1-B4
18. Sync mode switch, Position 1-2: Buffered with Schmitt trigger, 2-3: Amplified with THS7374
19. LPF (low pass filter) switch – 1,2 On, 2,3 Off
20. Power led
21. 5 volts (Voltmeter) display

SELECTING BUTTON LAYOUT PRESETS

The Bazooka Supergun features **7 different button layout presets**.

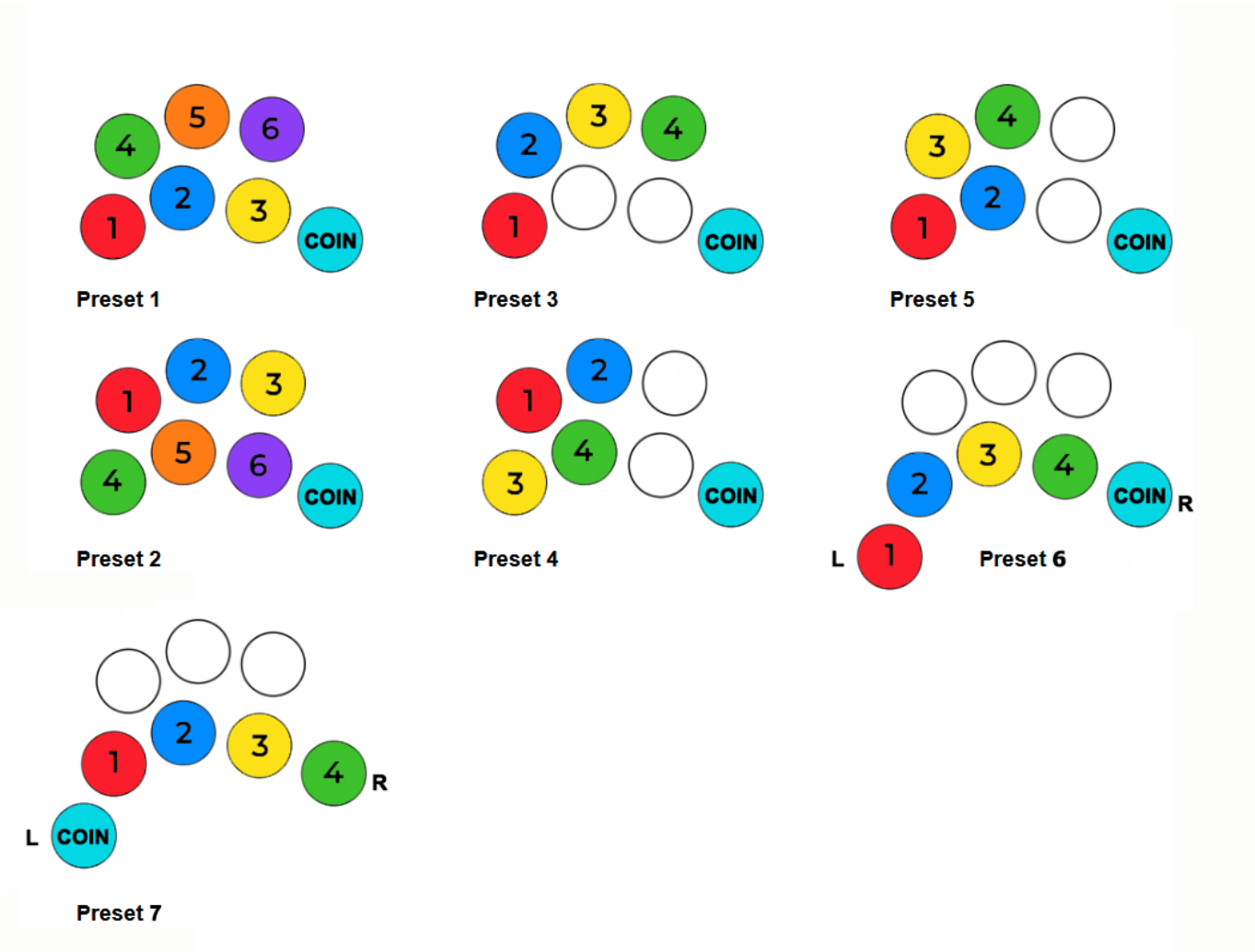
To change the button layout:

1. Press and hold **START + DOWN** simultaneously for 3 seconds, until the controller status LED turns on. This indicates that the button layout selection mode is active.
2. Press the corresponding face button to select your desired preset, as shown below:

- **A** = Preset 1
- **B** = Preset 2
- **C** = Preset 3
- **X** = Preset 4
- **Y** = Preset 5
- **Z** = Preset 6
- **L** = Preset 7

3. Press **START** to exit the selection mode and save your chosen layout.

Once saved, the controller status LED will blink a number of times corresponding to the selected preset.



AUTO FIRE PROGRAMMING MODE

The Bazooka Supergun allows you to configure the auto-fire speed individually for each button.

To enter auto-fire programming mode:

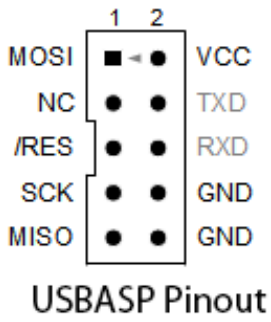
1. Press and hold **any face button + START** simultaneously for 3 seconds.
2. Once the controller enters auto-fire programming mode, press each button you want to configure the desired number of times, according to the speed settings below:
    - **Low Speed** = 1 press
    - **Medium Speed** = 2 presses
    - **High Speed** = 3 presses
    - **Disable** = 4 presses
3. Press **START** to exit auto-fire programming mode and save your settings. The controller status LED will then blink to indicate the selected auto-fire setting.

SAVING SETTINGS

Both button layout mappings and auto-fire settings are stored in the controller's EEPROM. This means your configurations are retained even after the Bazooka Supergun is powered off or disconnected from power.

UPDATING THE FIRMWARE

In order to flash a new firmware, a USBASP or similar Arduino programmer is required.



USBASP Pinout

Bazooka Pinout for ICSP programming:

