

# Rapidfire Controller

## Operation Manual

Underneath the controller is the tactile [Mode Button](#) used to change the current mode. The rapidfire is activated by pulling the controllers original triggers.

**Modes:** The controller can be configured to use 1-4 modes. In order to cycle through the modes, quickly press the [Mode Button](#). The current mode will be shown on the controllers guide button inside the 'X':

Mode 1 : LEDs off

Mode 2 : Player 4 LED on

Mode 3 : Player 3 LED on

Mode 4 : Both Player 3 and Player 4 LEDs on.

This makes identifying which mode you are in very simple with a quick glance while playing. For ease of reading, Player 3 LED will be called P3 and Player 4 LED will be called P4.

**Programming:** The controller has the following individual adjustments:

- Rate of fire on right trigger.
- Rate of fire on left trigger.
- Burst fire on right trigger (3-6 shots).
- Burst fire on left trigger (3-6 shots).
- Number of active modes (1-4 modes).
- Type of RF signal (CODWAW/normal mode)

### On-board Editing Mode:

To edit a mode, first cycle to that mode by tapping the [Mode Button](#), In order to enter the editing mode, press and hold the [Mode Button](#) for at least 3 seconds. When you release the button, the Player 3 and 4 LEDs should start flashing in a coded manner:

It will flash both LEDs from 1-4 times to indicate which feature you are editing.

It will flash P3 and P4 a number of times to indicate rate of fire/how many bursts/how many modes are activated.

To start, the first editing mode is the right trigger rate of fire. Both P3 and P4 LEDs will flash one time together, followed by P4 and P3 flashes indicating a hex value that tells you how fast the rate of fire is (please see the table at the end of the manual to look up the

flash values per speed rates). If the LEDs are flashing P3+P4 once and P3 only once, this indicates that the rate of fire is zero (disabled).

To change the rate of fire, tap the **Mode Button** to decrease the hex value (rate of fire goes faster) or the **left trigger** to increase the value (rate of fire goes slower). Remember, decreasing the value down to 1 disables the rapidfire.

To change to the next editing mode, press and hold the **Left trigger** for at least 3 seconds. You should now see the P3+P4 flash twice, followed by the P3/P4 flashes to indicate rate of fire for the left trigger rapidfire. The values are the same as editing the right trigger in the first editing mode.

If you press and hold the **Left trigger** for 3 seconds, you will enter the third editing mode. You will see the P3+P4 LEDs flash three times followed by P4 LED flashes indicating the Burst Fire used. One flash indicates that burst mode is disabled. 3-6 flashes indicate how many shots are fired when you press and hold the trigger during game-play. To change the Burst Fire mode, tap the **Mode button** to decrease the value, or the **left trigger** to increase the value.

If you press and hold the **Left trigger** for 3 seconds, you will enter the fourth editing mode (but only if you are editing MODE 1 when you entered the editing mode). You will see the P3+P4 LEDs flash four times followed by P3 LED flashes indicating the number of Modes activated. You can change this value by tapping the **Mode button** to decrease the value, or the **left trigger** to increase the value.

If you press and hold the **Left trigger** for 3 seconds, you will enter the fifth editing mode. You will see the P3+P4 LEDs flash five times followed by P4 LED flashes indicating the signal type used. One flash indicates that normal RF is used (50% duty cycle). 2 flashes indicate that COD WAW RF patch detection is used (75% duty cycle). To change the signal type mode, tap the **Mode button** to decrease the value, or the **left trigger** to increase the value.

You can exit editing mode at any time and save your changes by pressing and holding the **Mode button** for at least 3 seconds.

For review:

**Hold Mode button for 3 seconds:** Enter or exit editing mode.

**Hold Left trigger for 3 seconds (while in editing mode):** cycle through editing features.

**Tap Mode button (while in editing mode):** decrease current feature value.

**Tap Left trigger (while in editing mode):** increase current feature value.

**1 P3+P4 flash followed by P3 / P4 flashes:** Right rate of fire feature.

**2 P3+P4 flashes followed by P3 / P4 flashes:** Left rate of fire feature.

**3 P3+P4 flashes followed by P4 flashes:** Burst feature.

**4 P3+P4 flashes followed by P4 flashes:** Number of active modes feature.

**5 P3+P4 flashes followed by P4 flashes:** Type of RF signal.

**Table for Rate of Fire in editing mode:**

P4 flashes	P3 flashes	hex value	rate of fire
0	1	1	Disabled
0	10	10	50.00
0	11	11	45.45
0	12	12	41.67
0	13	13	38.46
0	14	14	35.71
0	15	15	33.33
1	0	16	31.25
1	1	17	29.41
1	2	18	27.78
1	3	19	26.32
1	4	20	25.00
1	5	21	23.81
1	6	22	22.73
1	7	23	21.74
1	8	24	20.83
1	9	25	20.00
1	10	26	19.23
1	11	27	18.52
1	12	28	17.86
1	13	29	17.24
1	14	30	16.67
1	15	31	16.13
2	0	32	15.63
2	1	33	15.15
2	2	34	14.71
2	3	35	14.29
2	4	36	13.89
2	5	37	13.51
2	6	38	13.16
2	7	39	12.82
2	8	40	12.50
2	9	41	12.20
2	10	42	11.90
2	11	43	11.63
2	12	44	11.36
2	13	45	11.11
2	14	46	10.87
2	15	47	10.64
3	0	48	10.42
3	1	49	10.20
3	2	50	10.00
3	3	51	9.80
3	4	52	9.62
3	5	53	9.43
3	6	54	9.26

3	7	55	9.09
3	8	56	8.93
3	9	57	8.77
3	10	58	8.62
3	11	59	8.47
3	12	60	8.33
3	13	61	8.20
3	14	62	8.06
3	15	63	7.94
4	0	64	7.81
4	1	65	7.69
4	2	66	7.58
4	3	67	7.46
4	4	68	7.35
4	5	69	7.25
4	6	70	7.14
4	7	71	7.04
4	8	72	6.94
4	9	73	6.85
4	10	74	6.76
4	11	75	6.67
4	12	76	6.58
4	13	77	6.49
4	14	78	6.41
4	15	79	6.33
5	0	80	6.25
5	1	81	6.17
5	2	82	6.10
5	3	83	6.02
5	4	84	5.95
5	5	85	5.88
5	6	86	5.81
5	7	87	5.75
5	8	88	5.68
5	9	89	5.62
5	10	90	5.56
5	11	91	5.49
5	12	92	5.43
5	13	93	5.38
5	14	94	5.32
5	15	95	5.26
6	0	96	5.21
6	1	97	5.15
6	2	98	5.10
6	3	99	5.05
6	4	100	5.00
6	5	101	4.95
6	6	102	4.90

6	7	103	4.85
6	8	104	4.81
6	9	105	4.76
6	10	106	4.72
6	11	107	4.67
6	12	108	4.63
6	13	109	4.59
6	14	110	4.55
6	15	111	4.50
7	0	112	4.46
7	1	113	4.42
7	2	114	4.39
7	3	115	4.35
7	4	116	4.31
7	5	117	4.27
7	6	118	4.24
7	7	119	4.20
7	8	120	4.17
7	9	121	4.13
7	10	122	4.10
7	11	123	4.07
7	12	124	4.03
7	13	125	4.00
7	14	126	3.97
7	15	127	3.94
8	0	128	3.91
8	1	129	3.88
8	2	130	3.85
8	3	131	3.82
8	4	132	3.79
8	5	133	3.76
8	6	134	3.73
8	7	135	3.70
8	8	136	3.68
8	9	137	3.65
8	10	138	3.62
8	11	139	3.60
8	12	140	3.57
8	13	141	3.55
8	14	142	3.52
8	15	143	3.50
9	0	144	3.47
9	1	145	3.45
9	2	146	3.42
9	3	147	3.40
9	4	148	3.38
9	5	149	3.36
9	6	150	3.33

9	7	151	3.31
9	8	152	3.29
9	9	153	3.27
9	10	154	3.25
9	11	155	3.23
9	12	156	3.21
9	13	157	3.18
9	14	158	3.16
9	15	159	3.14
10	0	160	3.13
10	1	161	3.11
10	2	162	3.09
10	3	163	3.07
10	4	164	3.05
10	5	165	3.03
10	6	166	3.01
10	7	167	2.99
10	8	168	2.98
10	9	169	2.96
10	10	170	2.94