

PowerBlaster 3E Pattern LEDs

Model: HC1414EC 30-Channel Controller

Controller Operation

The HC1414EC controller has 30 programs, selected via 4 LEDs and a two-way toggle switch.

Program Selection - The 4 LEDs will light GREEN or YELLOW in a sequence of 15, for a total of 30 patterns. The toggle switch will increase (UP) or decrease (DN) the color sequence. A sticker label shows the 30 programs and the LED pattern for each program.



Program LEDs Setting Table

The following table describes the specific LED color pattern mapping programmed into your HC1414EC controller. The **Mode** column indicates *dly* where there are many seconds before retriggering, *semi(auto)* where the trigger must be released before retriggering, & *full(auto)* for continuous retriggering after delay.

Name	Desc & firmware code	Yellow LEDs				Timing(ms)		Delay	Shots	Mode
COMB1	1E31 S0					ON	OFF	(sec)		
UZIF	<i>very fast machine gun</i>	-	-	-	Y	10	30	0	1	full
UZIF	<i>very fast machine gun</i>	-	-	Y	-	10	30	0	3	semi
UZIF	<i>very fast machine gun</i>	-	-	Y	Y	10	30	0	5	semi
UZI	<i>fast machine gun</i>	-	Y	-	-	10	44	0	1	full
UZI	<i>fast machine gun</i>	-	Y	-	Y	10	44	0	3	semi
UZI	<i>fast machine gun</i>	-	Y	Y	-	10	44	0	5	semi
SMG	<i>slow machine gun</i>	-	Y	Y	Y	30	100	0	1	full
SMG	<i>slow machine gun</i>	Y	-	-	-	30	100	0	3	semi
SMG	<i>slow machine gun</i>	Y	-	-	Y	30	100	0	5	semi
BSR1	<i>big shot gun</i>	Y	-	Y	-	60	80	0	1	full
BSR1	<i>big shot gun</i>	Y	-	Y	Y	60	80	0	3	semi
BSR2	<i>big shot gun</i>	Y	Y	-	-	120	80	0	1	semi
CAN1	<i>1 shot cannon</i>	Y	Y	-	Y	60	80	0	1	semi
CAN2	<i>1 shot cannon</i>	Y	Y	Y	-	400	500	0	1	semi
CAN3	<i>1 shot cannon</i>	Y	Y	Y	Y	200	250	0	1	semi

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FMG	<i>fast machine gun</i>	-	-	G	-	20	60	20	8	dly
SMG	<i>slow machine gun</i>	-	-	G	G	30	100	20	6	dly
UZIF	<i>very fast machine gun</i>	-	G	-	-	10	30	30	10	dly
FMG	<i>fast machine gun</i>	-	G	-	G	20	60	30	8	dly
SMG	<i>slow machine gun</i>	-	G	G	-	30	100	30	6	dly
UZIF	<i>very fast machine gun</i>	-	G	G	G	10	30	40	10	dly
FMG	<i>fast machine gun</i>	G	-	-	-	20	60	40	8	dly
SMG	<i>slow machine gun</i>	G	-	-	G	30	100	40	6	dly
CAN1	<i>2 shot cannon</i>	G	-	G	-	60	80	20	2	dly
CAN1	<i>2 shot cannon</i>	G	-	G	G	60	80	30	2	dly
CAN1	<i>2 shot cannon</i>	G	G	-	-	60	80	40	2	dly
CAN2	<i>1 shot cannon</i>	G	G	-	G	400	500	20	1	dly
CAN2	<i>1 shot cannon</i>	G	G	G	-	400	500	30	1	dly
CAN2	<i>1 shot cannon</i>	G	G	G	G	400	500	40	1	dly

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CAN2	<i>1 shot cannon</i>	G	G	G	-	400	500	30	1	dly
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