`Rainbow- Auto

`Pat McMahon 16/5/2019

symbol delay= **400**

symbol delay1= **100**

main:

Manual:

`LED1:

high **0** wait **1**

`LED2:

high **1** wait **1**

`LED3:

high **2** wait **1**

`LED4:

high **3** wait **1**

`LED5:

high **4** wait **1**

`LED6:

high **5** wait **1**

`LED7:

`AllOff:

low **0**,**1**,**2**,**3**,**4**,**5** wait **1**

`AllOn:

high **0**,**1**,**2**,**3**,**4**,**5** wait **4**

`UpWave:

pause delay1 high **0** pause delay1 low **0**

pause delay1 high **1** pause delay1 low **1**

pause delay1 high **2** pause delay1 low **2**

pause delay1 high **3** pause delay1 low **3**

pause delay1 high **4** pause delay1 low **4**

pause delay1 high **5** pause delay1 low **5**

wait **1**

`DownWave:

pause delay1 high **5** pause delay1 low **5**

pause delay1 high **4** pause delay1 low **4**

pause delay1 high **3** pause delay1 low **3**

pause delay1 high **2** pause delay1 low **2**

pause delay1 high **1** pause delay1 low **1**

pause delay1 high **0** pause delay1 low **0**

wait **1**

`CaveIn:

pause delay1 high **0**,**5** pause delay1 low **0**,**5**

pause delay1 high **1**,**4** pause delay1 low **1**,**4**

pause delay1 high **2**,**3** pause delay1 low **2**,**3**

pause delay1 high **0**,**5** pause delay1 low **0**,**5**

pause delay1 high **1**,**4** pause delay1 low **1**,**4**

pause delay1 high **2**,**3** pause delay1 low **2**,**3**

pause delay

wait **1**

`BlowOut:

pause delay1 high **2**,**3** pause delay1 low **2**,**3**

pause delay1 high **1**,**4** pause delay1 low **1**,**4**

pause delay1 high **0**,**5** pause delay1 low **0**,**5**

pause delay1 high **2**,**3** pause delay1 low **2**,**3**

pause delay1 high **1**,**4** pause delay1 low **1**,**4**

pause delay1 high **0**,**5** pause delay1 low **0**,**5**

pause delay

wait **1**

`ProgressivelyOnOffOut:

high **0**,**1**,**2**,**3**,**4**,**5**

pause delay1 low **0** pause delay1 high **0**

pause delay1 low **1** pause delay1 high **1**

pause delay1 low **2** pause delay1 high **2**

pause delay1 low **3** pause delay1 high **3**

pause delay1 low **4** pause delay1 high **4**

pause delay1 low **5** pause delay1 high **5**

wait **1**

`ProgressivelyOnOffIn:

high **0**,**1**,**2**,**3**,**4**,**5**

pause delay1 low **5** pause delay1 high **5**

pause delay1 low **4** pause delay1 high **4**

pause delay1 low **3** pause delay1 high **3**

pause delay1 low **2** pause delay1 high **2**

pause delay1 low **1** pause delay1 high **1**

pause delay1 low **0** pause delay1 high **0**

wait **1**

`StrobeLightx50:

let b1=**0**

do

high **0** high **1** high **2** high **3** high **4** high **5**

pause **25**

low **0** low **1** low **2** low **3** low **4** low **5**

pause **25**

let b1=**0**+b1

inc b1

loop while b1<**40**

pause delay

wait **1**

goto manual