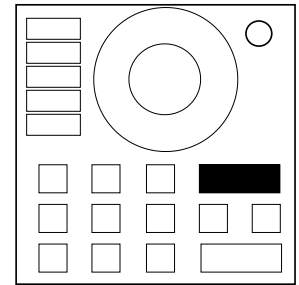# On the Subject of Planets

Why do people do this... The Milky Way shouldn't be on a bomb!

This module consists of a planet, a keypad (0-9), a delete button and a space button.

Step 1:

- Find the planet's number in the table.
- Multiple by 123
- Add the number of solved modules after multiplying by 10
- This is number A

Step 2:

- Get the number of batteries multiplied by 5
- Add the number of lit indicators multiplied by 6
- This is number B

Step 3:

- Get the number A
- Add the number B
- Add 4 multiplied by the number of ports
- Add 21 multiplied by 22
- This is number C

Step 4:

- Get the product of all the strip colour number from the reference below
- Change the value based on the table strip change one
- Multiply by the number in the table strip change two
- Multiply by 5 if the last strip is black or white
- This is number D

Step 5:

- Take the absolute value of number C times number D
- Modulo 1,000,000
- Enter the code and hit the space

Planet Number Reference

Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
1	2	3	4	5	6	7	8

Strip Colour Number Reference

Aqua	Blue	Green	Lime	Orange	Red	Yellow	White	Black
1	2	3	4	5	6	7	8	9

Strip Change One

- Strip one is across the top.
- Strip four is down the side.

	Aqua	Blue	Green	Lime	Orange	Red	Yellow	White	Black
Aqua	+0	+5	+6	−6	+7	−5	−2	−1	−2
Blue	−3	+6	−2	+7	−5	−9	−1	+8	+9
Green	−5	+2	−8	−4	+3	−2	+9	+3	−3
Lime	+2	+6	−5	−5	−7	−1	−9	+8	−6
Orange	−9	−7	+4	−4	+6	+3	−2	+6	−4
Red	−8	−4	+8	−4	+1	−9	+5	−2	+2
Yellow	−6	+3	+4	−5	−4	−7	+5	+4	+4
White	+1	−8	+2	−3	+4	−5	−8	+4	−3
Black	−4	+3	−1	+8	−9	−9	+0	+8	−1

Strip Change Two

- Strip three is used here.

Aqua	Blue	Green	Lime	Orange	Red	Yellow	White	Black
89	30	41	97	49	63	60	3	74