

MAMI 10 BIT DIPSWITCH CODE

Programming the TOPO

1. Open the TOPO by removing the screw.
2. Fit the programming link 'P', the LED will flash twice indicating programming mode
3. Press the **INC button once then the STEP button**, the led will flash once
4. Now you have two choices :

(i) Select a CODE at **Random** (by holding the **INC** button for a while).

NOTE: The led flashes at 1 sec intervals until you release the button, the RANDOM CODE is stored

(ii) OR enter the code in digital format **{always 5 digits}** according to the table below

NOTE: In this case the INC button increments the count and the STEP button steps to the next digit

e.g. For the 10 bit code: 0101011100

The table below gives the binary sum of 234 by adding the binary numbers where their corresponding dipswitch is on

DIPSWITCH	1	2	3	4	5	6	7	8	9	10
	OFF	ON	OFF	ON	OFF	ON	ON	ON	OFF	OFF
CODE	0	1	0	1	0	1	1	1	0	0
BINARY VALUE	1	2	4	8	16	32	64	128	256	512
ADD		+2		+8		+32	+64	+128		
	=234									

NOTE : For 10 bit code the binary value can go up to 1024 combinations

234 is only a 3 digit number so two zeroes need to be added in front of the three digit number (234) to get a five digit number
Therefore 0101011100 = 00234 (five digit number).

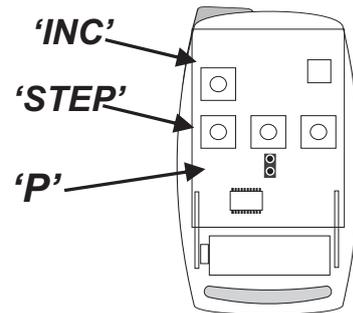
5. You can enter this number by pressing the **INC** and **STEP** buttons as follows :

{ 0 0 2 3 4 }
STEP - STEP - INC X2 & STEP - INC X3 & STEP - INC X4 & STEP

(LED flashes once after each press of the STEP & a steady flash when finished. If the LED starts flashing before all data is entered, remove and reinsert the 'PRG' jumper to start from the beginning. No data will be stored.)

6. Remove programming link.

7. Close case, ready for use.



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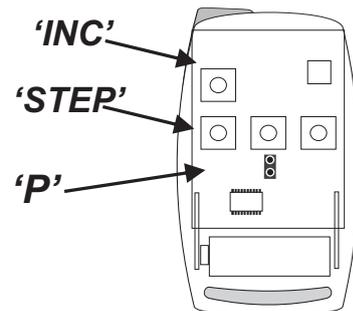
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6. Remove programming link.

7. Close case, ready for use.



MAMI SMART 16 BIT DIPSWITCH CODE

Programming the TOPO

1. Open the TOPO by removing the screw.
2. Fit the programming link 'P', the LED will flash twice indicating programming mode
3. Press the **INC button three times then the STEP button**, the led will flash once
4. Now you have two choices :
 - (i) Select a CODE at **Random** (by holding the **INC** button for a while).

NOTE: The CODE increments in blocks of 8000 each time the LED flashes at 1 sec intervals, until you release the button. The RANDOM CODE is stored

- (ii) OR enter the code in digital format **{always 5 digits}** according to the table below

NOTE: In this case the INC button increments the count and the STEP button steps to the next digit

e.g. For the 16 bit code: 0100101100100000

The table below gives the binary sum of 1234 by adding the binary numbers where their corresponding dipswitch is on

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DIPSWITCH	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
CODE	0	1	0	0	1	0	1	1	0	0	1	0	0	0	0	0
BINARY VALUE	1	2	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384	32768
ADD		+2			+16		+64	+128			+1024					
																=1234

NOTE : For 16 bit code the binary value can go up to 65536 combinations

M000014

NOVEMBER 2012

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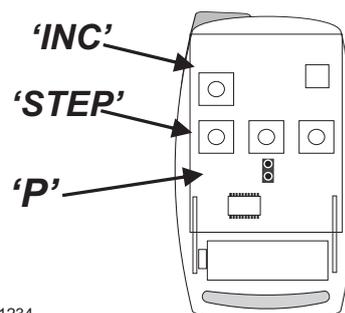
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NOTE: In this case the INC button increments the count and the STEP button steps to the next digit

e.g. For the 16 bit code: 0100101100100000

The table below gives the binary sum of 1234 by adding the binary numbers where their corresponding dipswitch is on

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DIPSWITCH	OFF	ON	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
CODE	0	1	0	0	1	0	1	1	0	0	1	0	0	0	0	0
BINARY VALUE	1	2	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384	32768
ADD		+2			+16		+64	+128			+1024					
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