

	Stati CH	PAN TILT ...	PAN=XXX TILT ...	Set PAN channel data by hand Set TILT channel data by hand
	CaliT CH	Password  PAN <b>TILT</b>	Password= XXX PAN=XXX <b>TILT</b>	the channel adjust code 050  PAN channel adjust <b>TILT</b> channel adjust

### DMX channel's functions and values (14 DMX channels):

Channel	Value	Function
1		<b><u>PAN Movement 8bit :</u></b>
	0-255	Pan Movement
2		<b><u>Pan Fine 16bit</u></b>
	0-255	Fine control of Pan movement
3		<b><u>TILT Movement 8bit :</u></b>
	0-255	Tilt Movement
4		<b><u>Tilt Fine 16bit</u></b>
	0-255	Fine control of Tilt movement
5		<b><u>Speed Pan/Tilt movement:</u></b>
	0-225	max to min speed
	226-255	no function
6		<b><u>Red LED :</u></b>
	0-255	Red ( 0-Black , 255-100% Red )
7		<b><u>Green LED :</u></b>
	0-255	Green ( 0-Black , 255-100% Green )
8		<b><u>Blue LED :</u></b>
	0-255	Blue ( 0-Black , 255-100% Blue )
9		<b><u>White LED :</u></b>
	0-255	White ( 0-Black , 255-100% White )

10	<b><u>Shutter, strobe:</u></b>	
	0-31	LED Off
	32-63	LED On
	64-95	Strobe effect slow to fast
	96-127	LED On
	128-159	Pulse Strobe effect slow to fast
	160-191	LED On
	192-223	Random Strobe effect slow to fast
224-255	LED On	
11	<b><u>Dimmer intensity:</u></b>	
	0-255	Intensity 0 to 100%
12	<b><u>Rainbow:</u></b>	
	0-4	No function
	5-29	R
	30-54	G
	55-79	B
	80-104	W
	105-129	Rainbow colours
	130-154	Rainbow colours
	155-174	Rainbow colours
	175-179	Rainbow colours
	180-184	Rainbow colours
	185-189	Rainbow colours
	190-210	Rainbow colours
211-255	Crossfading colours from slow to fast	
13	<b><u>ZOOM Movement 8bit :</u></b>	
	0-255	ZOOM Movement
14	<b><u>reset, internal programs:</u></b>	
	0-79	Normal
	80-99	All motor reset
	100-119	Internal program 1 (secne1~8 of EEPROM)

120-139	Internal program 2 (secne9~16 of EEPROM)
140-159	Internal program 3 (secne17~24 of EEPROM)
160-179	Internal program 4 (secne25~32 of EEPROM)
180-199	Internal program 5 (secne33~40 of EEPROM)
200-219	Internal program 6 (secne41~48 of EEPROM)
220-239	Internal program 7 (secne49~56 of EEPROM)
240-255	Music Control (secne of Program 1)

## 4. Trouble shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

### A. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

### B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.