



■ Product Features:

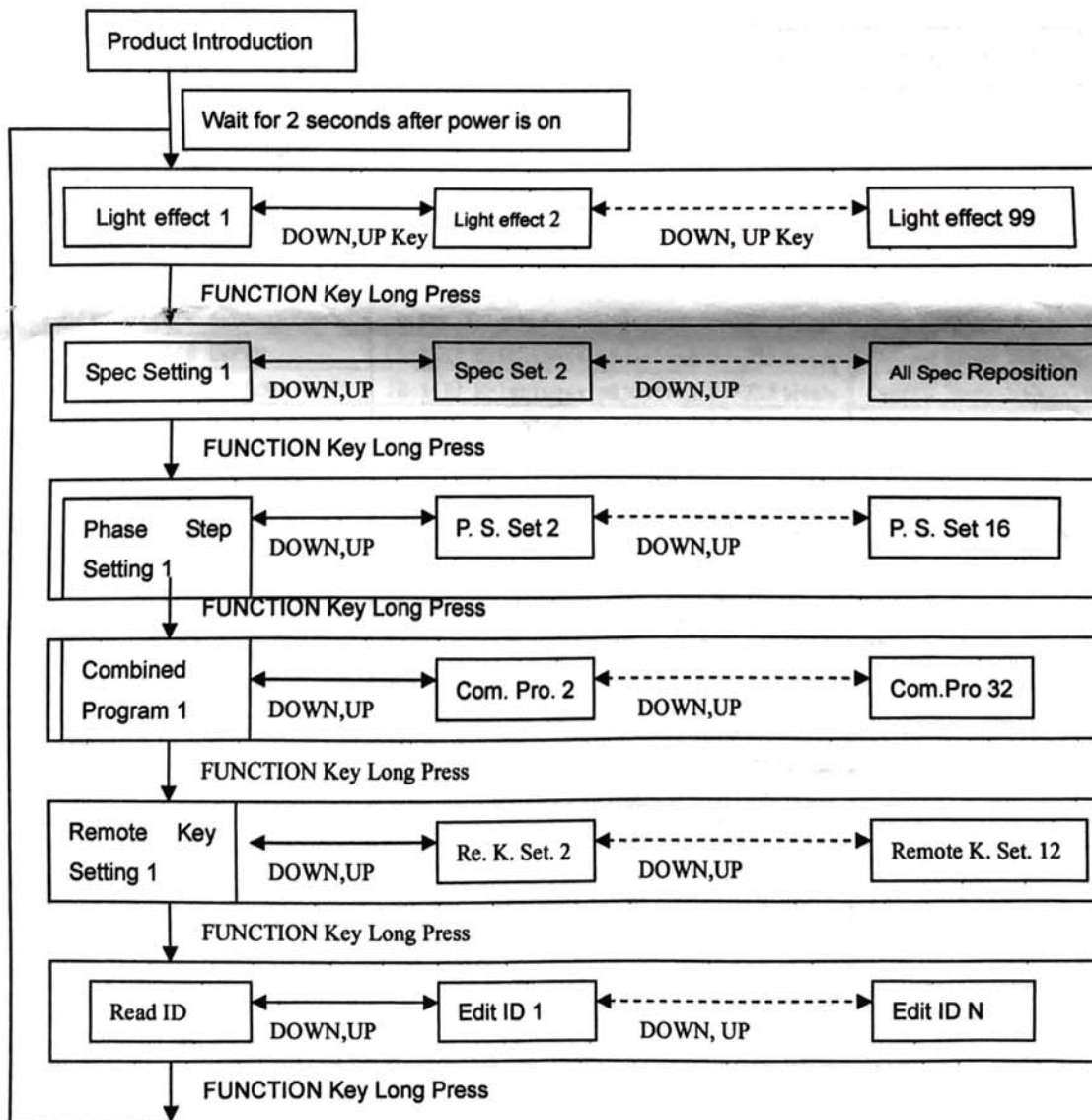
- Output DMX signal is complied with DMX512/1990 standard;
- With a standard DMX512 output channel, can realize 170 full color dot control;
- Has more than 64 lighting effect modes;
- Can be programmed into steps listing mode;
- Has simple sound control mode;
- Can control lighting effects and speed;
- Four operation keys make function control easy;
- With LCD output display, all function is shown in the LCD;
- Wireless remote controller can test and change modes in remote area.

■ AT3010D Spec:

Item No.	AT3010D	
Input	Voltage & Frequency	100~240V AC /47~63Hz
	Power consumption	Less than 5W
	Port Type	ADAPTER direct line straight pins
Output	Signal Type	AT-DMX
	Voltage	0-5V DC
	Driver	32PCS/300m
	Port Type	RJ-12/6PIN
Protection	Input up-side-down Connection	Allowed
	Output Cable Short Circuit	Not Allowed
	Output Cable Open Circuit	Allowed
	Overheat	No overheat Protection
Environment	Working Tem., Humidity	-20°C-50°C/20-95RH
	Storage Tem., Humidity	-20°C-80°C/20-95RH
	IP Rate	IP30 (non-waterproof)
	Shock-proof	Not Tested
Standard	Safety Criterion	In compliance with the council LVD Directive
	Electromagnetism Compatibility	Not Tested
	Environment Protection	RoHS
	MTBF	10000 Hours
Others	Size	180mm*122mm*46mm
	Components	1. Cable 2. Wireless remote controller 3. Wireless Antenna
	Remark	
	Connection Diagram	

Keys in the Main Controller [Keys from left to right are FUNCTION CONFIRM DOWN UP]:		
Operation	Operation Way	Function Instruction
FUNCTION Short Press	Press FUNCTION key within 1.5 second	Mode Adjusting Status
FUNCTION Long Press	Press FUNCTION for more than 1.5 Sec	Change to next main function
CONFIRM Short Press	Press CONFIRM key within 1.5 second	Specs Adjusting Status
CONFIRM Long Press	Press CONFIRM for more than 1.5 Sec	Save the specs
DOWN Short Press	Press DOWN key within 1.5 second	Mode turns back to last mode; Specs turns back to last specs;;
DOWN Long Press	Press DOWN for more than 1.5 Sec	Mode turns back to 4 th mode ahead; Specs be 4 th ahead too
UP Short Press	Press UP key within 1.5 second	Mode turns into next mode; Specs turns into next specs;
UP Long Press	Press UP for more than 1.5 Sec	Mode turns to the next 4 th mode; Specs be the next 4 th too

Main Controller Function Adjusting Diagram

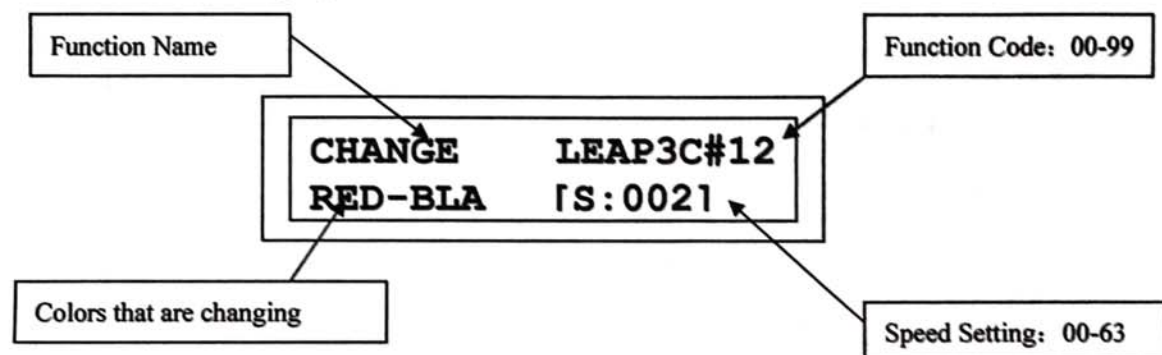


Product Function Remark

When the power is on, main controller shows some content, 2 seconds later, main controller will turn into the set working mode.

Product Lighting Effect Function Instruction

Main Controller Display Content Instruction



Lighting Effect Function Table

Function Code	Function Name	Specs	Instruction
0	STATIC COLOR ALL LAMP OFF	No Specs	Output of all the lights closed
1	STATIC COLOR RED	[B:XXX] Brightness adjusting 0~255 levels	Output Static RED
2	STATIC COLOR GREEN	[B:XXX] Brightness adjusting 0~255 levels	Output Static GREEN
3	STATIC COLOR YELLOW	[B:XXX] Brightness adjusting 0~255 levels	Output Static YELLOW
4	STATIC COLOR BLUE	[B:XXX] Brightness adjusting 0~255 levels	Output Static BLUE
5	STATIC COLOR PURPLE	[B:XXX] Brightness adjusting 0~255 levels	Output Static PURPLE
6	STATIC COLOR CYAN	[B:XXX] Brightness adjusting 0~255 levels	Output Static CYAN
7	STATIC COLOR WHITE	[B:XXX] Brightness adjusting 0~255 levels	Output Static WHITE
8	STATIC MMIX00	[R:XX G:XX B:XX] RGB Adjusting Brightness	Self define output color 0
9	STATIC MMIX01	[R:XX G:XX B:XX] RGB Adjusting Brightness	Self define output color 1
10	STATIC MMIX02	[R:XX G:XX B:XX] RGB Adjusting Brightness	Self define output color 2
11	FLASH WHITE	N:XX time on ;M:XX time off ;F:XX flashing	Output Flash WHITE
12	CHANGE LEAP3C	[S:XXX] Speed adjusting 0~63 levels	3 Colors Leap Changing [R/G/B]
13	CHANGE FADE3C	[S:XXX] Speed adjusting 0~63 levels	3 Colors Gradual Changing [R/G/B]
14	BREATHE 3C	[S:XXX] Speed adjusting 0~63 levels	3 Colors Breathing [R/G/B]
15	CHANGE LEAP7C	[S:XXX] Speed adjusting 0~63 levels	7 Colors Leap Changing
16	CHANGE FADE7C	[S:XXX] Speed adjusting 0~63 levels	7 Colors Gradual Changing
17	BREATHE 7C	[S:XXX] Speed adjusting 0~63 levels	7 Colors Breathing
...			
20	LEAP MOVE 3C>	[S:XXX] Speed adjusting 0~63 levels	3 Colors moving right steadily
21	LEAP MOVE 3C<	[S:XXX] Speed adjusting 0~63 levels	3 Colors moving left steadily
22	LEAP STEP 3C>	[S:XXX] Speed adjusting 0~63 levels	3 Colors leaping right
23	LEAP STEP 3C<	[S:XXX] Speed adjusting 0~63 levels	3 Colors leaping left
24	LEAP GROW 3C>	[S:XXX] Speed adjusting 0~63 levels	3 Colors growing right
25	LEAP GROW 3C<	[S:XXX] Speed adjusting 0~63 levels	3 Colors growing left
26	LEAP PILE 3C>	[S:XXX] Speed adjusting 0~63 levels	3 Colors piling right
27	LEAP PILE 3C<	[S:XXX] Speed adjusting 0~63 levels	3 Colors piling left

DMX512 Wireless Remote Controller

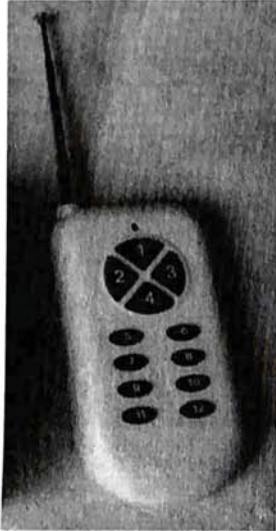
AT3010D

Ver: 1.5

28	METEOR 3C >	[S:XXX] Speed adjusting 0~63 levels	3 Colors meteor like from right
29	METEOR 3C <	[S:XXX] Speed adjusting 0~63 levels	3 Colors meteor like from left
30	SHUTTLE 3C >	[S:XXX] Speed adjusting 0~63 levels	3 Colors shuttling right
31	SHUTTLE 3C <	[S:XXX] Speed adjusting 0~63 levels	3 Colors shuttling left
32	LEAP MOVE 7C>	[S:XXX] Speed adjusting 0~63 levels	7 Colors moving right steadily
33	LEAP MOVE 7C<	[S:XXX] Speed adjusting 0~63 levels	7 Colors moving left steadily
34	LEAP STEP 7C>	[S:XXX] Speed adjusting 0~63 levels	7 Colors leaping right
35	LEAP STEP 7C<	[S:XXX] Speed adjusting 0~63 levels	7 Colors leaping left
36	LEAP GROW 7C>	[S:XXX] Speed adjusting 0~63 levels	7 Colors growing right
37	LEAP GROW 7C<	[S:XXX] Speed adjusting 0~63 levels	7 Colors growing left
38	LEAP PILE 7C>	[S:XXX] Speed adjusting 0~63 levels	7 Colors piling from right
39	LEAP PILE 7C<	[S:XXX] Speed adjusting 0~63 levels	7 Colors piling from left
40	FADE MOVE 3C>	[S:XXX] Speed adjusting 0~63 levels	3 Colors moving right smoothly
41	FADE MOVE 3C<	[S:XXX] Speed adjusting 0~63 levels	3 Colors moving left smoothly
42	FADE GROW 3C>	[S:XXX] Speed adjusting 0~63 levels	3 Colors growing right smoothly
43	FADE GROW 3C<	[S:XXX] Speed adjusting 0~63 levels	3 Colors growing left smoothly
44	FADE MOVE 7C>	[S:XXX] Speed adjusting 0~63 levels	7 Colors moving right smoothly
45	FADE MOVE 7C<	[S:XXX] Speed adjusting 0~63 levels	7 Colors moving left smoothly
46	FADE GROW 7C>	[S:XXX] Speed adjusting 0~63 levels	7 Colors growing right smoothly
47	FADE GROW 7C<	[S:XXX] Speed adjusting 0~63 levels	7 Colors growing left smoothly
...			
50	MAGIC COLORS<	[S:XXX] Speed adjusting 0~63 levels	Magic Colors from right
51	MAGIC COLORS>	[S:XXX] Speed adjusting 0~63 levels	Magic Colors from left
52	RAINBOW 7C <	[S:XXX] Speed adjusting 0~63 levels	Rainbow from right
53	RAINBOW 7C >	[S:XXX] Speed adjusting 0~63 levels	Rainbow from left
54	CLOUD 3C <	[S:XXX] Speed adjusting 0~63 levels	3 Colors Cloud from left
55	CLOUD 3C >	[S:XXX] Speed adjusting 0~63 levels	3 Colors Cloud from right
56	LEAP CROSS 3C	[S:XXX] Speed adjusting 0~63 levels	3 Colors Leaping cross
57	FADE CROSS 3C	[S:XXX] Speed adjusting 0~63 levels	3 Colors gradually changing cross
58	TENT IN 3C	[S:XXX] Speed adjusting 0~63 levels	Tent inwards 3 colors
59	TENT OUT 3C	[S:XXX] Speed adjusting 0~63 levels	Tent outwards 3 colors
60	TENT IN 7C	[S:XXX] Speed adjusting 0~63 levels	Tent inwards 7 colors
61	TENT OUT 7C	[S:XXX] Speed adjusting 0~63 levels	Tent outwards 7 colors
...			
90	SOUND BRIGHT	[L:XX]Low standard [M:XX]Middle[H:XX]High	Sound controls brightness
91	SOUND 7C	[L:XX] Low standard [M:XX]Mid [H:XX]Hight	Sound controls 7 colors leaping
...			
98	PHASE STEP	ALL STEP [S:XXX]Speed Adjusting 0 ~ 63	Phase step output mode
99	PROGRAM ST	[M:XXX]Mode; [C:XX]Color; [S:XX]Speed	Combined program output mode

Remote Controller Instruction

1. Function of keys from numbers 5 to 12 can be defined; Function of keys from 1 to 4 is fixed, can not be re-defined.



Keys Instruction

No.	Original Function	Function Instruction
1	Function Mode Key	Set as the function mode, will take function mode as the original mode
2	Mode/ Variety upturning	When in function mode, go back to last function; When in variety mode, back to last variety
3	Mode/ Variety next	When in function mode, turn into next function; When in variety mode, turn into next variety
4	Variety Mode Key	Set as the variety mode
5	Function key 00: Static 7 colors	1 st fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key
6	Function Key 01: leap change	2 nd fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key
7	Function Key 02: Gradual change	3 rd fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key
8	Function Key 03: gradual darker and gradual brighter	4 th fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key.
9	Function Key 04: Colors chasing	5 th fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key.
10	Function Key 05: left gliding	6 th fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key
11	Function Key 06: right gliding	7 th fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key.
12	Function Key 07: left waving	8 th fast selected function key, can define in the main controller fast-selected function corresponding to FUNCTION key

