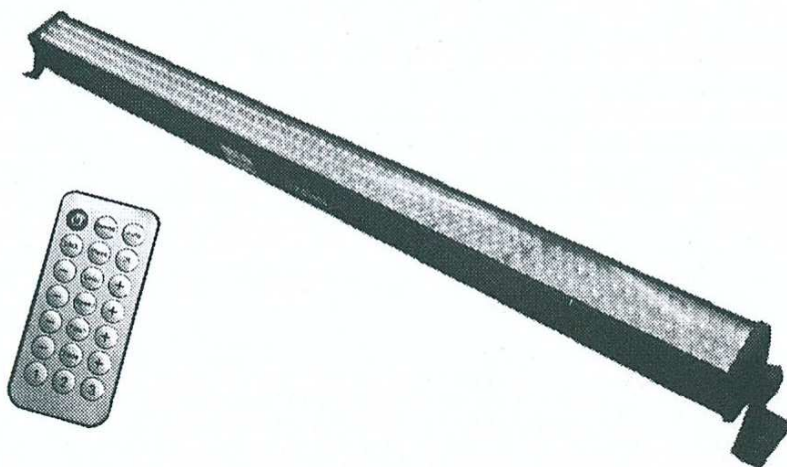


SOH

1M 28W INDOOR LED BAR LIGHT with REMOTE CONTROL

User's Manual



Read this manual before using. Do not attempt to open the housing or repair this device by yourself without contact us!

General instructions

Unpacking:

Thank you for purchasing this product. Please read user guide for safety and before using the product. Keep this manual for future reference. This product can create perfect light programs and effects since it has passed a series of strictly tests before delivery. Please check the attachments listed on the page after opening the carton. Immediately upon receiving a fixture, carefully unpack the box. Check the box contents to ensure that all parts are present and that they are in good condition. If any part appears damaged from shipping, or if the box shows signs of mishandling, notify the shipper immediately. In addition, retain the box and all the packing material for inspection. In any event, save the carton and all packing material because, in case that you have to return the fixture to the factory, you will have to do so in its original box, with its original packing.

1. LED Light: 1PCS

2. Power Cable: 1PCS




3. User Guide: 1PCS

Safety Notice:

Please read the following notes carefully because they include important safety information about the installation, usage and maintenance of this product. It is important to read all these notes before starting to work with this product.

LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. It is estimated that a viable lifespan of 40,000 to 50,000 hours will be achieved under normal operational conditions. If improving on this lifespan expectancy is of a higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.

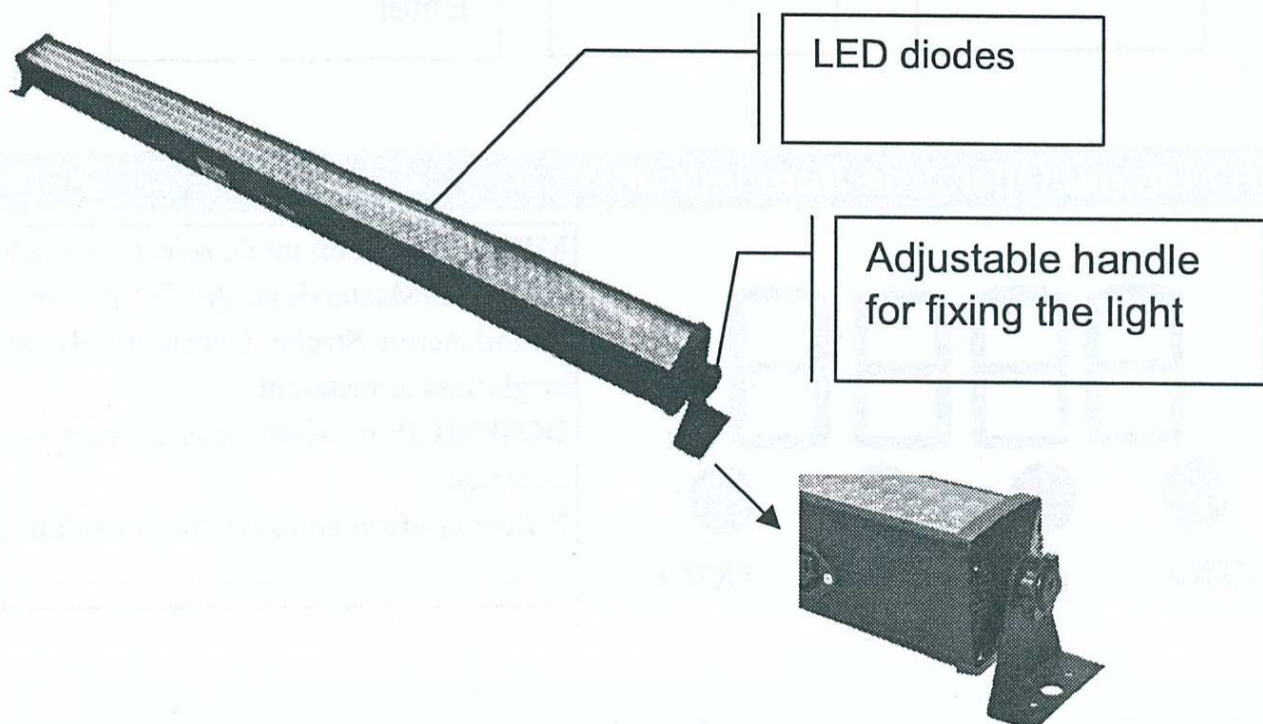
	There are no user serviceable parts inside the light. Any reference to servicing this unit you may find from now on in this User Manual will only apply to properly C we certified technicians. Do not open the housing or attempt any repairs unless you are o
	Please refer to all applicable local codes and regulations for proper installation of the light.
	Keep this manual for future consultation. If you sell the light to another user, make sure that they also receive this manual.

	Avoid direct eye exposure to the light source while the fixture is on. Always disconnect the light from its power source before servicing. Always connect the light to a grounded circuit to avoid the risk of electrocution.		
	This product is for indoor use only! Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other fluids, or metallic objects.		
	Make sure there are no flammable materials close to the fixture(s) while operating.		Please prevent this light away from electrical shock
	When hanging this fixture, always secure it to a fastening device using a safety cable (not provided).		
Power 110V 240V Ground	Always make sure that you are connecting the light to the proper voltage, as per the specifications in this manual or on the product's sticker. Never connect the light to a dimmer pack. Make sure that the power cable is not cracked, crimped or damaged. Ne		
	The maximum ambient temperature (Ta) is 104 F (40 C). Do not operate the fixture at a higher temperature. In case of a serious operating problem, stop using this product immediately!		
	Use cleaning tissue to remove the dust absorbed on the external lenses periodically to optimize light output.		
	Do not remove or break the warranty label, otherwise it void the warranty.		
	Always replace with the exact same type fuse, replacement with anything other than the specified fuse can cause fire or electric shock and damage your unit, and will void your manufactures warranty.		
	There are no serviceable parts in the light. Please have all servicing and adjustments made by a qualified service engineer.		
	Don't throw this product away just as general trash, please dispose of this product following the abandon electronic product regulation in your country.		To protect the environment, recycle packing material wherever possible.

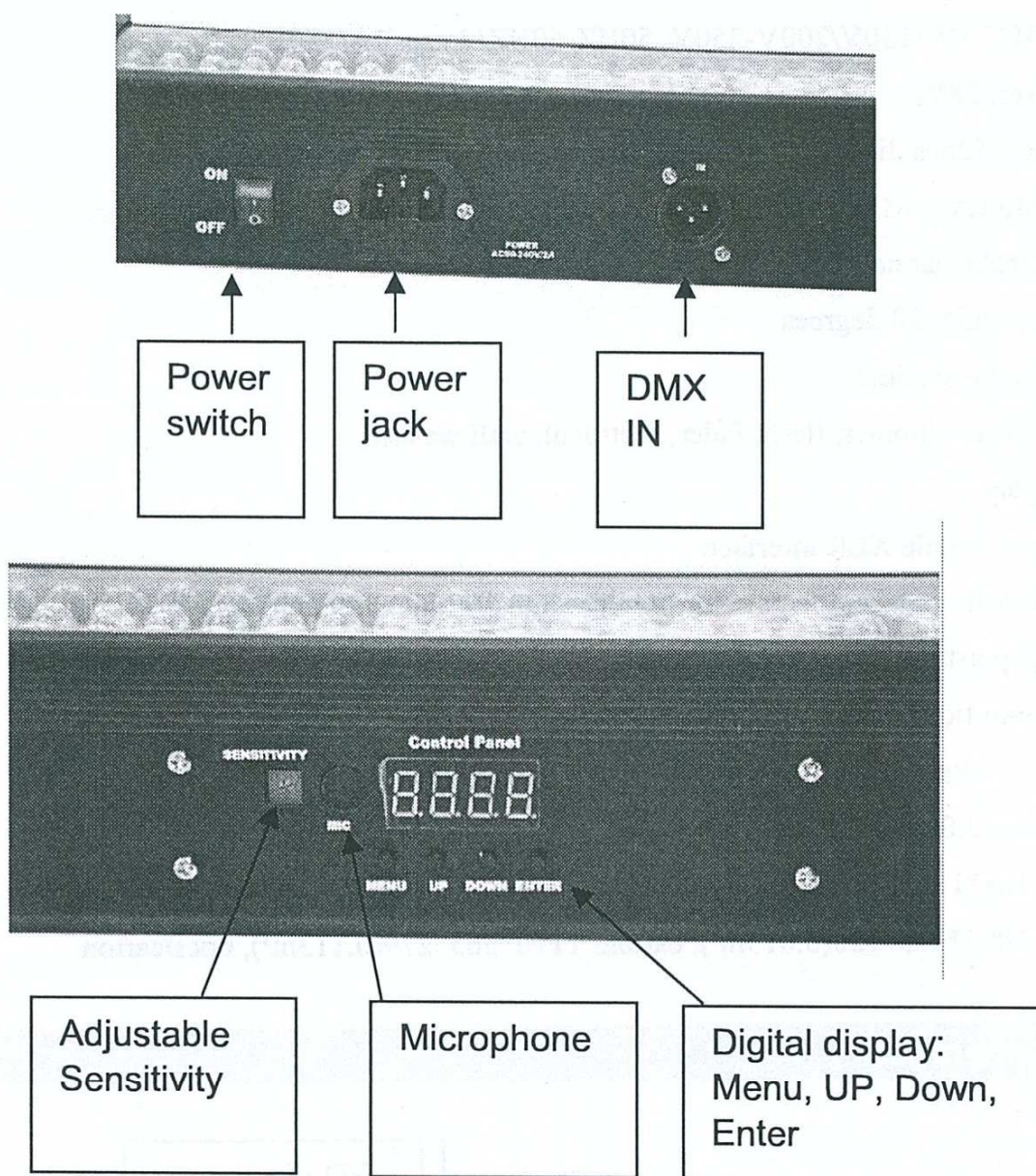
Technical Specification

- * Voltage: AC110V-130V/200V-250V, 50HZ-60HZ/ Fuse: 2A/250V
- * Rated Power: 28W
- * LED Light: 252pcs diodes, (Red:84pcs,Green:84pcs,Blue:84pcs)
- * Working Modes: DMX, Sound Active, AUTO, Master-Slave, with Remote control
- * DMX Control Channel: 6/24 channels
- * LED Beam angle: 30 degrees
- * LED Section: 8 sections
- * Lighting effects: dimmer, flash, fader, sectional, wall washer
- * digital display
- * 3 pin male & female XLR interface
- * Power jack with male and female for linking up to 10 lights into one main power source
- * Light body: plastic
- * Working condition: indoor use only
- * Net weight: 2.5kg
- * Gross weight: 3.0kg
- * Item Size: 108*12*12cm
- * inner box: 1095*115*120(0.015m³), carton: 1110*365*279(0.113m³), 6pcs/carton

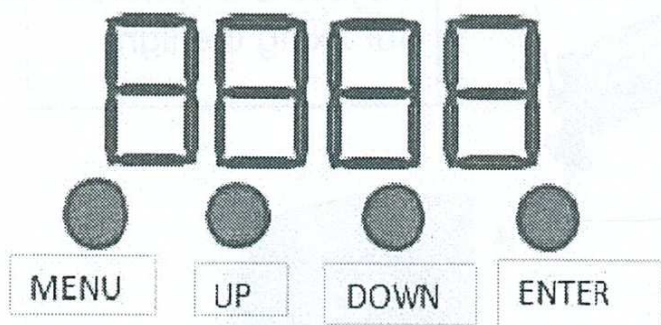
Fixture Apperance



Fixture Apperance



LCD Digital Operation Introduction



MENU: Function mode selection, such as DMX512/Masterslave, AUTO strobe, Sound Active Strobe, Constant light on, brightness adjustment

DOWN/UP: previous or next, increase or decrease

Enter: confirm and save the selection

8 Sections showcase

Section 1

2

3

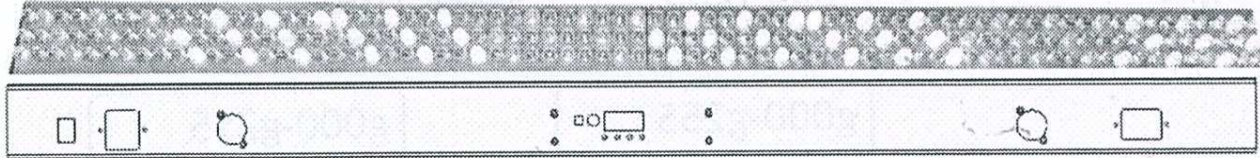
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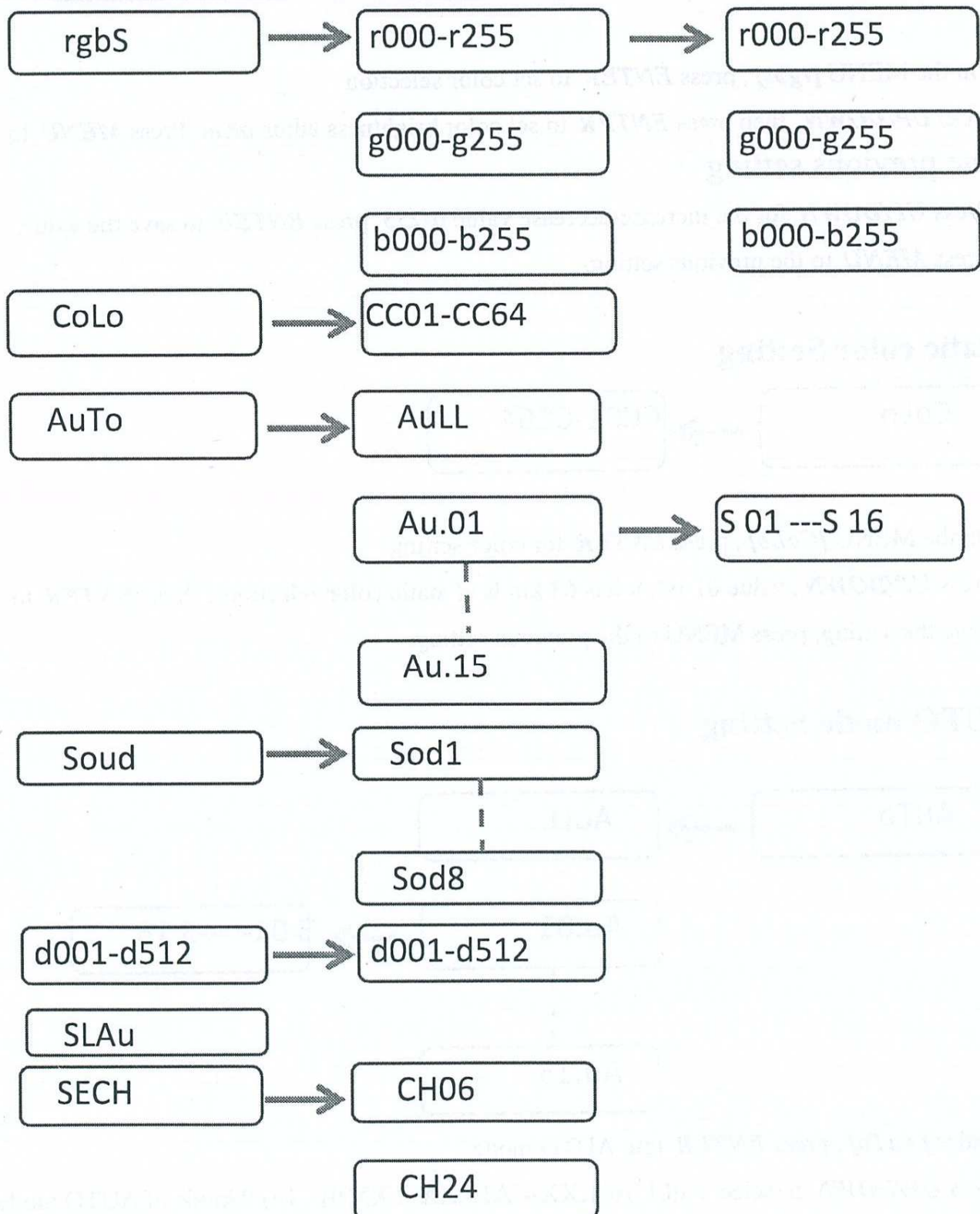
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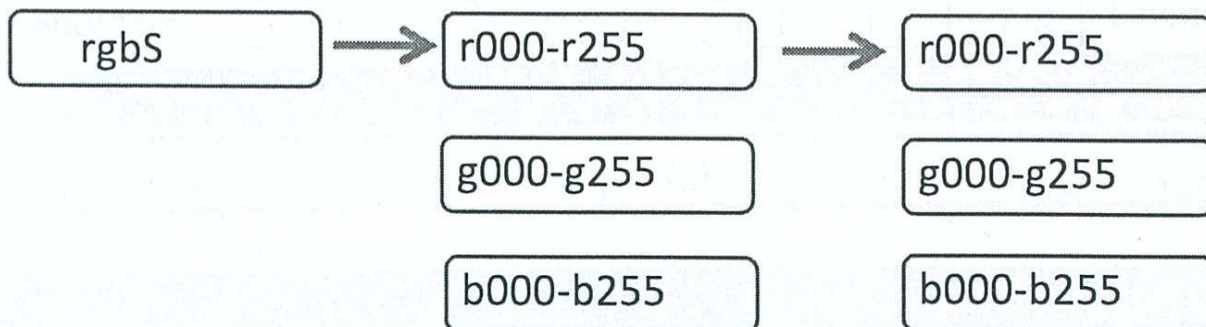
Section8



LCD Digital Display Chart



Color brightness adjustment

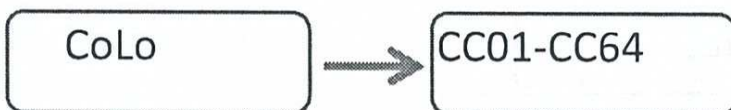


* On the MENU [*rgbS*], press **ENTER** to set color selection

* Press **UP/DOWN**, then press **ENTER** to set color brightness adjustment. Press **MENU** to the previous setting

* Press **UP/DOWN** for the increase/decrease value 0-255, press **ENTER** to save the value. Press **MENU** to the previous setting.

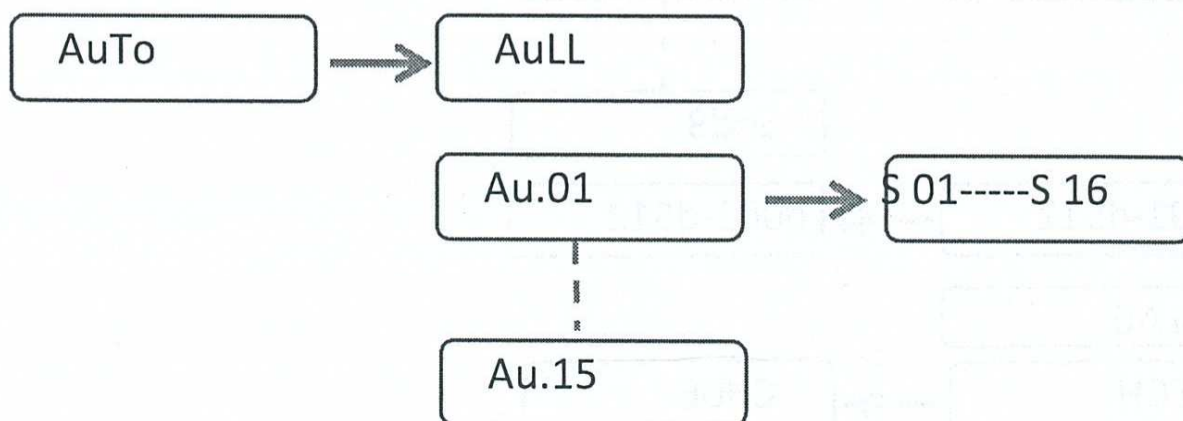
Static color Setting



* On the MENU [*CoLo*], press **ENTER** for color setting

* Press **UP/DOWN**, value 01-64, it has 63 kinds of static color selections. Press **ENTER** to save the setting, press **MENU** to the previous setting.

AUTO mode Setting



* Under [*AuTo*], press **ENTER** into AUTO mode

* Press **UP/DOWN** to select AuLL A01.XX---A15.XX (XX:01--16) 9 kinds of AUTO mode.

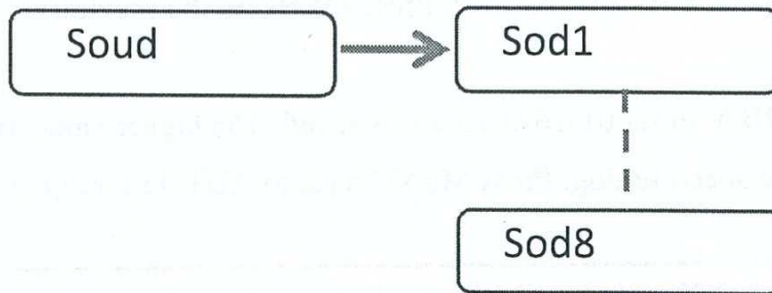
Press ENTER to AUTO running speed S01--S16(X:1--9). Press MENU to the previous selection.

* In the speed setting, press **UP/DOWN** to set 01-16 at 15 levels speed. The higher value, the faster speed. Press ENTER to save speed setting. Press MENU back to AUTO running mode.

* Digital display function details:

AuLL	AUTO running Au.01XX---Au.15 all effects, change 1minute/time
Au.01	8 section all AUTO flash, R-RG--G--GB--B--RB--RGB AUTO change, 10s/time
Au.02	each single section AUTO change, color stream flash change. AUTO flash 5times, AUDO change section and color
Au.03	all 8 sections dimmer together RG ↑ --R ↓ G--GB ↑ --G ↓ B--R ↑ B--RB ↓
Au.04	Section 1&2--3&4--5&6--7&8 auto dimmer section change. RG ↑ --R ↓ G--GB ↑ --G ↓ B--R ↑ B--RB ↓ auto dimmer in one cycle, then auto section change one time
Au.05	8 section all AUTO color change, R--RG--G--GB--B--RB--RGB
Au.06	R--G--B AUTO color change, Section 1--2--3--4--5--6--7--8 Auto section change
Au.07	R--G--B auto color change one cycle, then auto section change one time. R--G--B auto color change, section 12--34--56--78 auto section change
Au.08	R--G--B auto color change one cycle, then auto section change one time. R--G--B auto color change, section 13--57--24--68 auto section change
Au.09	R--G--B auto color change one cycle, then auto section change one time. R--RG--G--GB--B--RB--RGB auto color change, section 12--23--34--45--56--67--78--81 auto section change. Color change and section change is at the same time.
Au.10	R--RG--G--GB--B--RB--RGB auto color change one cycle, then auto section change one time. 1357--2468--1234--5678--2367--1458 auto section change. Color change and section change is at the same time.
Au.11	Section 1--2--3--4--5--6--7--8 auto section change. R--RG--G--GB--B--RB--RGB auto color change. Auto section change one cycle, then auto color change one time.
Au.12	Section 12--34--56--78 auto section change. R--RG--G--GB--B--RB--RGB auto color change. Auto section change one cycle, then auto color change one time.
Au.13	Section 12--23--34--45--56--67--78--81 auto section change. R--RG--G--GB--B--RB--RGB auto color change. Auto section change one cycle, then auto color change one time.
Au.14	Section 1--12--123--1234--12345--123456--1234567--12345678--2345678--345678--45678--5678--678--78--8 auto section change. R--G--B auto color change. Auto section change one cycle, then auto color change one time.
Au.15	8 section all AUTO stream

SOUND mode Setting



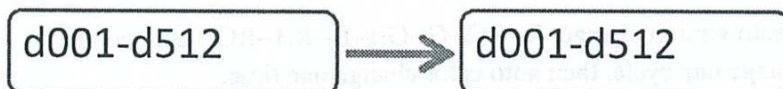
* Under [*Soud*], press **ENTER** into SOUND running mode

* Press UP/DOWN to select (Sod1---Sod8) 8 kinds of Sound running modes. Press ENTER to save the selection. Press MENU to the previos selection.

* Digital display function details:

Sod1	Includes Sod2---Sod6 All SOUND running effects. 1 minute each time
Sod2	8 section all SOUND flash
Sod3	8 section all color SOUND jumping
Sod4	Section 13--57--24--68 Sound section change. R--RG--G--GB--B--RB--RGB Sound color change
Sod5	Section 1--2--3--4--5--6--7--8 Sound section change. R--RG--G--GB--B--RB--RGB Sound color change
Sod6	Section 12--23--34--45--56--67--78--81 Sound section change. R--RG--G--GB--B--RB--RGB Sound color change
Sod7	Section 12--34--56--78 Sound section change. Sound section change one cycle, then, R--RG--G--GB--B--RB--RGB Sound color change one time.
Sod8	Section 1--12--123--1234--12345--123456--1234567--12345678--2345678--345678--45678--5678--678--78--8 Sound section change. Sound section change one cycle, then, R--G--B Sound color change one time.

DMX mode Setting



* Under [*dxxx*], (xxx:001--512) press **ENTER** into DMX512 setting mode

* Under DMX512 setting mode, press **UP/DOWN** to increase or decrease the address 001---512, then press **ENTER** to save the setting. Press **MENU** to the previous setting.

* Once DMX512 signal can be received normally, it will display d.xxx (xxx: means DMX address)

Master/Slave mode Setting

SLAu

* Under [*SLAu*], press **ENTER** into Slave mode. Once Master unit links with Slave unit in good condition, LCD displays *SLAu*.

DMX Channel Setting

SECH

CH06

CH24

* Under [*SECH*], press **ENTER** into DMX512 channel setting.

* Press **UP/DOWN** to select channel CH06 or CH24, press **ENTER** to save the selection.
Press **MENU** to the previous setting.

Function & Setting

Sound Active

The change of the light pattern is controlled by sound, that is, the rhythm of the sound control the effect of the changing light pattern. Turning the sensitivity knob in the clockwise direction to increase the fixture's sensitivity to sound, the knob in the counter clockwise direction to decrease. The light diode will automatically turn off after 8 seconds when the music stops.

AUTO

Auto cycles the built-in programs without being controlled externally. It has no light OFF.

The mode allows a single unit to react to the beat of the music in the master mode.

1. Install the units in a suitable position (laying or appending).
2. Set dipswitch to select Sound Active or AUTO mode.
3. Turn on the unit power, the unit begins reset, then the unit begins working.
4. The unit will react to the low frequencies of music via the internal microphone.

Adjust the audio sensitivity knob on the back of the unit to make the unit more or less sensitive in sound active. The panel has LED indicating for sound active.

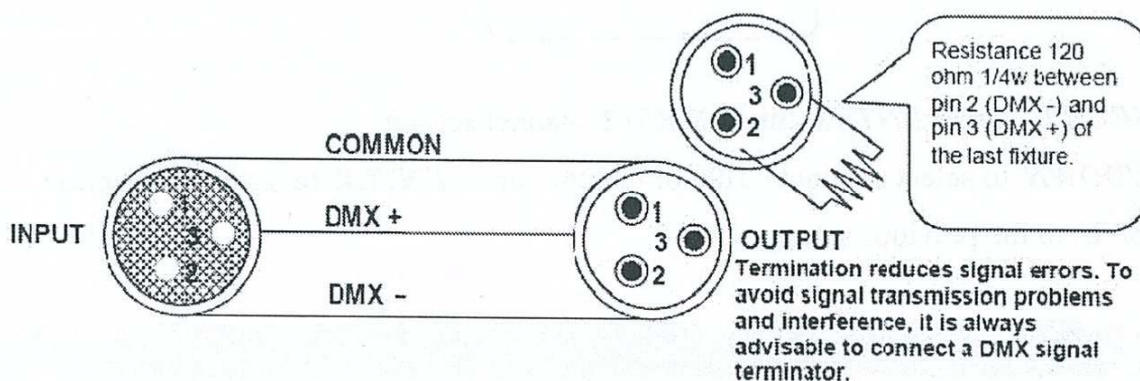
Master-Slave Operation

This mode will allow you to link up to 32 units together without controller.

1. Install the units in a suitable position (laying or appending).
2. Choose a unit to function as Master mode, set dipswitch to select Sound Active or AUTO mode. The others must be set to Slave mode, set dipswitch to select Slave mode.
3. Use standard XLR microphone cable chain your units together via the XLR connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture. Cabling must have a male XLR connector on one end and a female XLR connector on the other end.

Cable Connectors

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.



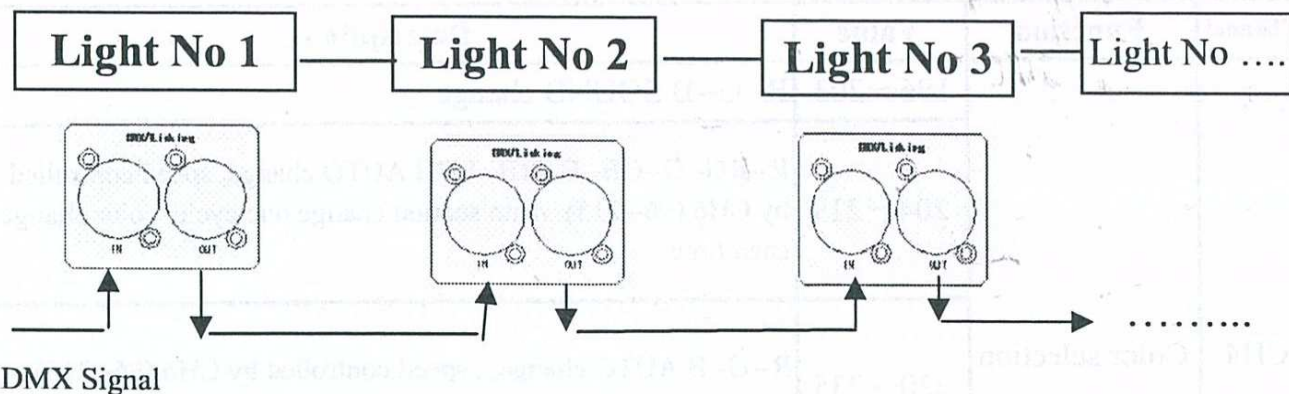
Caution: Do not allow contact between the common and the fixture's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

4. Turn on the all units' power, the units begins reset, then the unit begins working. The slave units will react the same as the master unit.
5. The units will react to the low frequencies of music via the internal microphone. Adjust the audio sensitivity knob on the back of the master unit to make the unit more or less sensitive in sound active. The panel has LED indicating for sound active.

Universal DMX Operation (DMX mode)

This mode allows you to use universal DMX-512 console to operate.

1. Install the units in a suitable position (laying or appending).
2. Use standard XLR microphone cable chain your units together via the XLR connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture.
3. Assign a DMX address to each the unit using dipswitches, see the "DMX Address Quick Reference Char".



1: MASTER: SOUND/AUTO/DMX 2: SLAVE 2: SLAVE

4. Turn on the all units' power, the units begins reset, then the unit begins working.

5. Use DMX console to control your units.

Notes:

1. DMX console can not be used in Master-Slave operation (Sound Active or AUTO mode).
2. There should be only one master unit in Master-Slave operation.

DMX Control

The system only accepts the DMX512 signal of international standard to control the system mode, the light beam ON /OFF, running direction, running speed and twinkle speed etc.

The LED light only accepts the DMX512 signal of international standard to control the light.

DMX Control Parameter Chart

Channel	Function	Value	Description
CH1	Brightness	0~255	Red brightness, dark to bright
CH2		0~255	Green brightness, dark to bright
CH3		0~255	Blue brightness, dark to bright
CH4	Color selection	0~7	Color is controlled by CH1-CH3
		7~35	R--RG--G--GB--B--RB--RGB
		36~71	R--RG--G--GB--B--RB--RGB AUTO change, speed slow(1.5S) to fast(0.1S)
		72~107	R--G--B AUTO change, speed slow(1.5S) to fast(0.1S)
		108~143	R--RG--RGB AUTO change, speed slow(1.5S) to fast(0.1S)
		144~179	Color AUTO fade, speed slow to fast. RG ↑ --R ↓ G--GB ↑ --G ↓ B--R ↑ B--RB ↓ color change one cycle, speed slow(3S)--->fast (0.8S)
		180~187	R--RG--G--GB--B--RB--RGB SOUND change
		188~195	R--G--B AUTO change

Channel	Function	Value	Description
CH4	Color selection	196~203	R--G--B SOUND change
		204~219	R--RG--G--GB--B--RB--RGB AUTO change, speed controlled by CH6 (96--215). Auto section change one cycle, color change each time
		220~235	R--G--B AUTO change, , speed controlled by CH6 (96--215). Auto section change one cycle, color change each time
		236~255	R--G--B AUTO change, , speed controlled by CH6 (96--215). Auto section change one cycle, color change each time
CH5	Flash control	0~63	No flash
		64~239	AUTO flash, speed slow to fast
		240~255	SOUND Flash
CH6	Section control	0~95	Section selection 12345678--1--2--3--4--5--6-7--8--12--34--56--78--13--57--24--68--1357--2468--1234--5678--2367--1458
		96~111	Section 1--2--3--4--5--6--7--8 AUTO change section, speed slow(1.2S) to fast(0.1S)
		112~127	Section 12--34--56--78 AUTO change, speed slow(1.2S) to fast(0.1S)
		128~143	Section 13--57--24--68 AUTO change, speed slow(1.2S) to fast(0.1S)
		144~159	Section 12--23--34--45--56--67--78--81 AUTO change, speed slow(1.2S) to fast(0.1S)
		160~175	Section 1357--2468--1234--5678--2367--1458 AUTO change, speed slow(1.2S) to fast(0.1S)
		176~191	Section 1--12--123--1234--12345--123456--1234567--12345678--2345678--345678--45678--5678--678--78--8 AUTO section stream, speed slow(1.2S) to fast(0.1S)
		192~195	Section 1--2--3--4--5--6--7--8 SOUND section change
		196~199	Section 12--34--56--78 SOUND section change
		200~203	Section 13--57--24--68 SOUND section change
		204~207	Section 12--23--34--45--56--67--78--81 SOUND section change

Channel	Function	Value	Description
CH6	Section control	208~211	Section 1357--2468--1234--5678--2367--1458 SOUND section change
		212~215	Section 1--12--123--1234--12345--123456--1234567--12345678--2345678--345678--45678--5678--678--78--8 SOUND section stream change
		216~223	Section 1--2--3--4--5--6--7--8 AUTO change Section, speed controlled by 5 (36--203) AUTO color change speed. Auto color change one cycle, then auto section change one time.
		224~231	Section 12--34--56--78 AUTO Section change, speed controlled by 5 (36--203) AUTO color change speed. Auto color change one cycle, then auto section change one time.
		232~239	Section 13--57--24--68 AUTO Section change, speed controlled by 5 (36--203) AUTO color change speed. Auto color change one cycle, then auto section change one time.
		240~243	Section 12--23--34--45--56--67--78--81 AUTO Section change, speed controlled by 5 (36--203) AUTO color change speed. Auto color change one cycle, then auto section change one time.
		244~247	Section 1357--2468--1234--5678--2367--1458 AUTO Section change, speed controlled by 5 (36--203) AUTO color change speed. Auto color change one cycle, then auto section change one time.
		248~255	Section 1--12--123--1234--12345--123456--1234567--12345678--2345678--345678--45678--5678--678--78--8 AUTO Section Stream change, speed controlled by 5 (36--203) AUTO color change speed. Auto color change one cycle, then auto section change one time.

DMX CH24 Details

Channel	Function	Value	Description	Channel	Function	Value	Descpt.
CH1	Section1, Red	0~255	Brightness dim to bright	CH13	Section5, Red	0~255	Brightness dim to bright
CH2	Section1, Green	0~255		CH14	Section5, Green	0~255	
CH3	Section1, blue	0~255		CH15	Section5, blue	0~255	
CH4	Section2, Red	0~255		CH16	Section6, Red	0~255	
CH5	Section2, green	0~255		CH17	Section6, green	0~255	
CH6	Section2, blue	0~255		CH18	Section6, blue	0~255	

Channel	Function	Value	Description	Channel	Function	Value	Descpt.
CH7	Section3, Red	0~255	Brightness dim to bright	CH19	Section7, Red	0~255	Bright ness dim to bright
CH8	Section3, Green	0~255		CH20	Section7, Green	0~255	
CH9	Section3, blue	0~255		CH21	Section7, blue	0~255	
CH10	Section4, Red	0~255		CH22	Section8, Red	0~255	
CH11	Section4, green	0~255		CH23	Section8, green	0~255	
CH12	Section4, blue	0~255		CH24	Section8, blue	0~255	

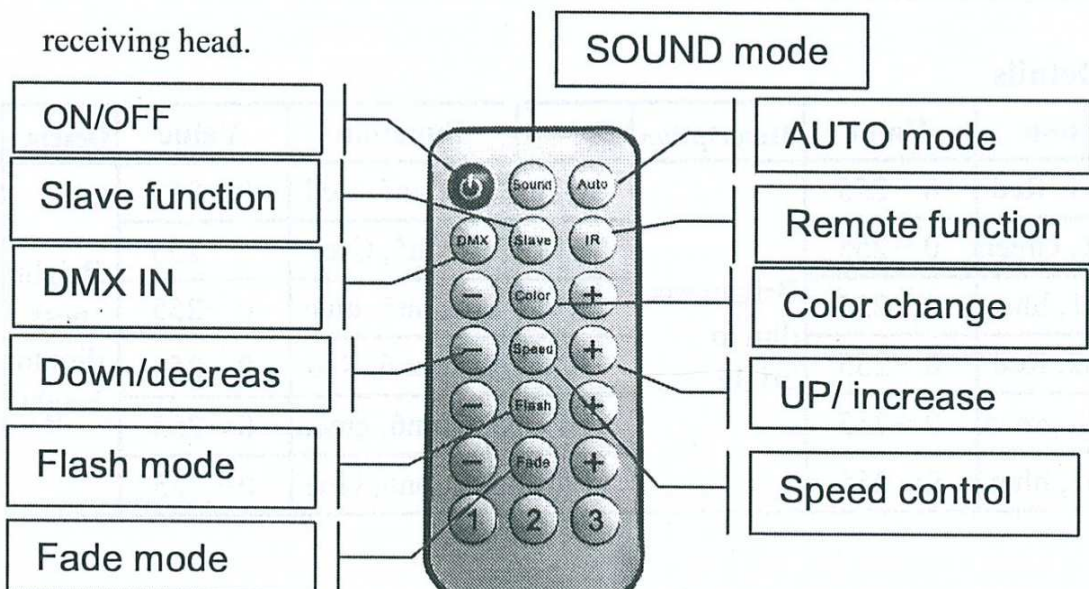
IR control Introduction










Function:

- 1.the user can choose the voice control, automatic work mode, DMX512 work mode with remote control.
- 2.Under remote control mode, the remote controller works like a MINI DMX512 controller, can manually adjust the brightness of the color and control jumping, frequently flashing, rotating, movement, zoom(+/-). Speed is adjustable
- 3.Remote control distance is up to 8 Meters

Precautions

- A. Using infrared remote controller to control the machine running, the launch of the infrared remote controller must on the machine head of infrared receiving head.
- B. Infrared remote controller to control the machine run, infrared emission head sent via infrared data, if the machine can receive data correctly, LED digital display will flash once, if not Please check The launch of the infrared remote controller whether on the machine head of infrared receiving head.



Button	Function	Operation description
	Power ON/OFF	Light is ON or OFF
	AUTO mode	Press "Auto" button to enter automatically working mode. Change in AuLL Au.01---Au.15. For speed change, press "Speed" button and press "+/-" to adjust speed.
	Sound mode	Press "Sound" button to enter sound working mode. Change in Sod1---Sod8
	DMX512 mode	Press "DMX" button to enter DMX512 working mode. Default address "0001". Change in CH06 or CH24
	Slave mode	Press "Slave" button to enter slave working mode.
	Color setting mode	Press "Color" button to adjust brightness of R G B color. Static color selection recycling. Press "+" or "-" button to increase or decrease color brightness.
	Speed setting mode	In Auto mode, press "Speed" button to adjust working speed. Then, press "+" or "-" button to increase or decrease speed.
	color brightness and speed adjustment	Increase color brightness and speed adjustment
	color brightness and speed adjustment	Decrease color brightness and speed adjustment

Troubleshooting

1. If the power supply indicator doesn't light up and the light doesn't work, please check the power supply, the input voltage and the fuse.
2. In Stand-Alone operation, if the power supply indicator is light up and sound active indicator isn't light up, but the light is shut off doesn't work.
 - A. Because sound is too small make for light shut off in sound active, please increase the music volume or increase audio sensitivity with sensitivity knob, please check as below.
 - B. Please check if unit has been set up in slave mode, then set up in master mode.
3. In Master-Slave operation, slave unit don't function, please check as below.
 - A. Make sure to there's only one master in the chain, and the others are set in slave mode.
 - B. Make sure to control the unit without DMX console controlling.
 - C. Make sure to take a good quality power cable and connection.
4. In DMX mode operation, the light is OFF and the DMX signal indicator is unlighted, please check as below.
 - A. Make sure to set up the DMX mode.
 - B. Make sure to have a good connection.
5. In DMX operation, the unit can't be controlled by the DMX console, but the DMX signal indicator is flashing, please make sure the DMX console and unit have the same channel.
6. If the unit is fail, please turn off the unit, then turn on again after 5 minutes.

Warranty Warnings:

1. Damages caused by the disregard of this user manual are not subject to Warranty. The dealer will not accept liability for any resulting defects or problems.
2. Please consider that unauthorized modifications on the device are forbidden due to safety reasons. Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.
3. If this device will be operated in any way different to the one described in this manual, it may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short-circuit, burns electric shock, etc.

After trying the above solution you still have a problem, please contact your dealer or our company for service.