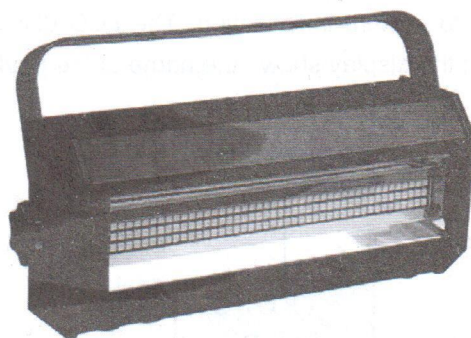


Involight Ledstrob450 User Manual



The INVOLIGHT LEDSTROB450 feature 132 high powered RGB SMD 5050's and is a compact, yet powerful RGB strobe fixture. With correct operation procedures this fixture will provide many years of service to you. Please read this manual before operating to ensure safety and keep a copy for your future reference.



SAFETY FIRST

- THIS LIGHT IS INTENDED FOR INDOOR USE AND UNDER ADEQUATELY PROTECTED STAGES.
- DO NOT POWER IT ON WHEN THE PRODUCT IS IN THE PACKAGE, ENSURE ADEQUATE VENTILATION PRIOR TO OPERATION.
- ENSURE THE UNIT'S POWER SUPPLY AND PLUG IS ADEQUATELY GROUNDED, OTHERWISE CAN RESULT AN ELECTRICAL SHOCK AND POSSIBLE ELECTROCUTION.
- DO NOT ATTEMPT TO REPAIR THE UNIT UNLESS YOU ARE COMPETENT TO DO SO. SEEK FOR A PROFESSIONAL HELP.
- THIS IS A STROBE LIGHT, THEREFORE IT MAY INDUCE SEIZURES WITHIN PEOPLE WITH EPILEPSY. PROVIDE PRECAUTIONARY MEASURES IF OPERATING IN PUBLIC AREAS.
- DO NOT LOOK DIRECTLY INTO THE LIGHT SOURCE AS IT MAY CAUSE DAMAGE TO YOUR EYES

TECHNICAL SPECIFICATIONS:

Power: 90-264VAC 50Hz/60Hz

Fuse: 220V 1A/250V

Power consumption: 41W

Light source: 132 PCS 5050 RGB LED

Function:

DMX, AUTO, SOUND, MASTER/SLAVE

DMX Channels: 8

Size: L365xW138xH166mm

Net Weight: 3.0 KGS

What's Included :

INVOLIGHT LEDSTROB450--- 1PCS

User Manual ---- 1PCS

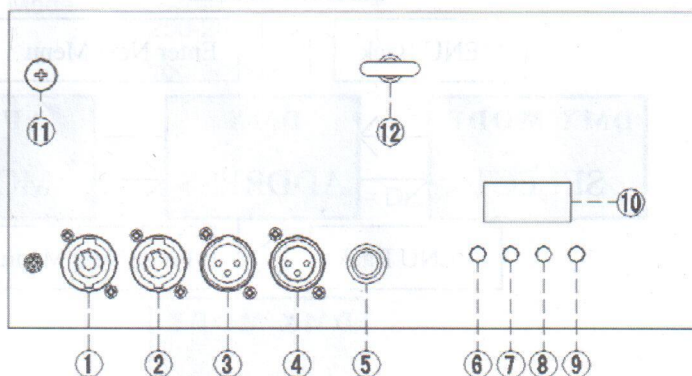
Power cable ----- 1 PCS

DMX cable -----1 PCS

OPERATION INSTRUCTIONS.

Panel Instruction

- 1、 Power Input
- 2、 Power Output
- 3、 DMX Input
- 4、 DMX Output
- 5、 MIC
- 6、 MENU
- 7、 UP
- 8、 DOWN
- 9、 Enter
- 10、 FUNCTION DISPLAY
- 11、 FUSE
- 12、 SAFETY CABLE

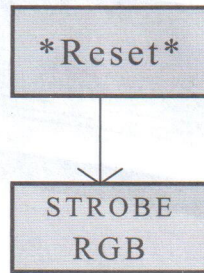


Function Instruction:

Press enter to confirm the setting. The LCD flashes twice to indicate the setting. Without pressing the enter button, the machine will go back to the last setting in 10 seconds.

Power - on reset

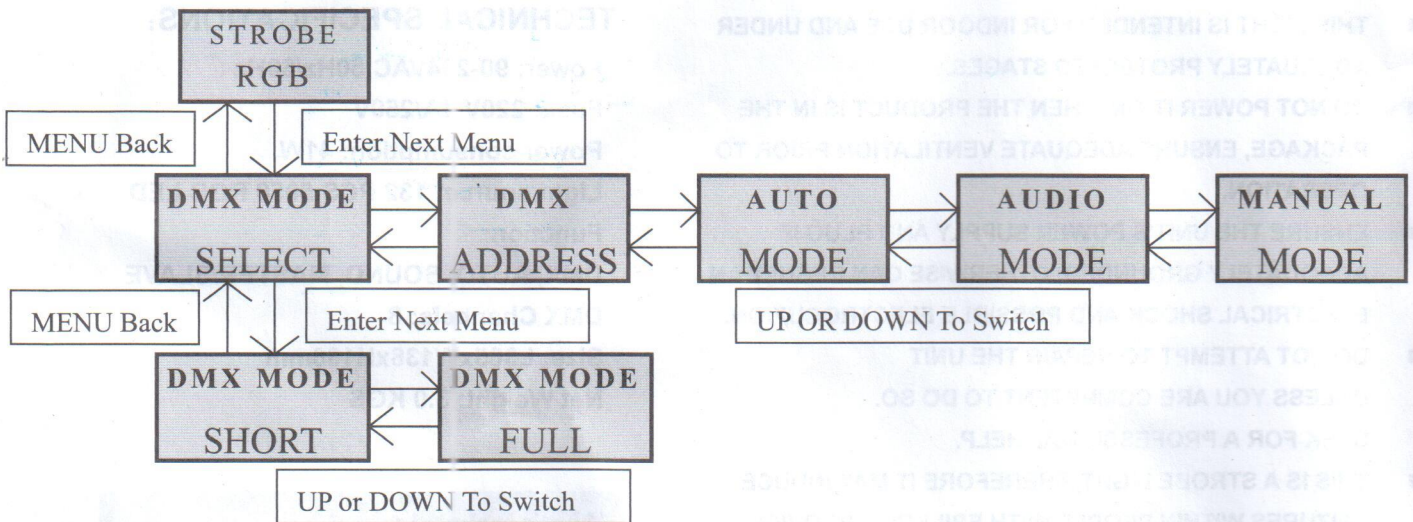
When power-on, the strobe goes in to system initialization. The LCD display shows as below. After 2 seconds, the strobe is back to the last working mode and the display shows the name of the device.



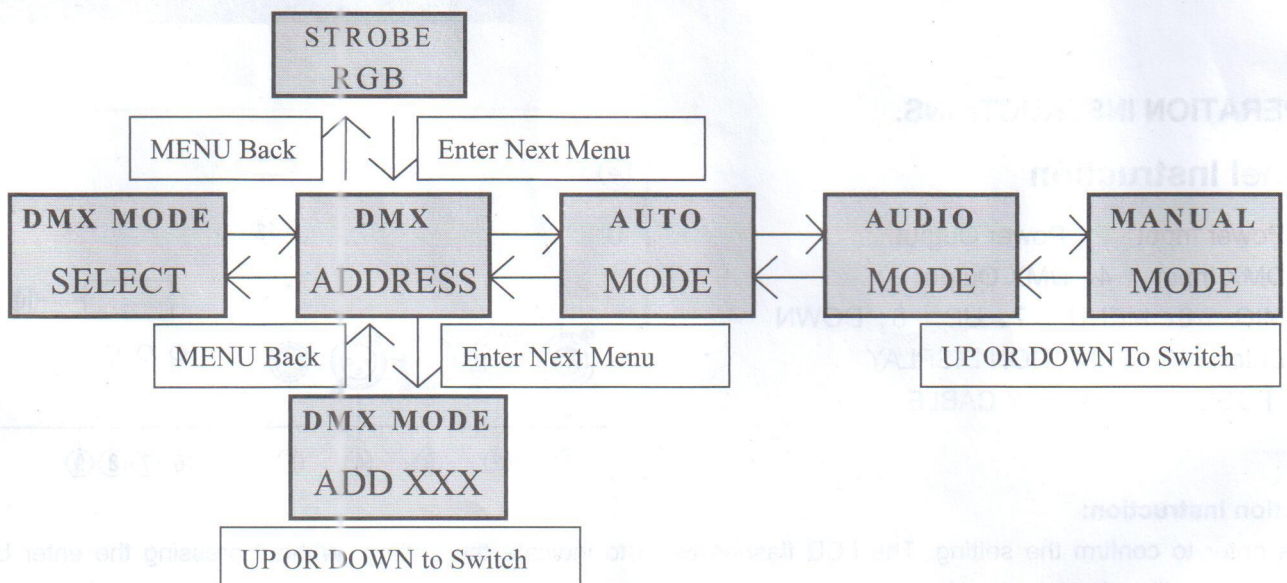
Master and Slave Mode

1. DMX mode and address settings

Check the flowchart below. When the display shows the name, press enter to choose the working mode. Press up or down to switch to DMX MODE SELECT. There are two DMX modes, one is short and the other is full. Press enter and up or down to modify between SHORT or Full.



After setting the DMX MODE SELECT, if address is needed to be set, press MENU and be back to the last menu, Press Up or Down to switch to DMX Address and set up the address. Press ENTER to the Parameter setting interface. Like the chart below. Keep on pressing up or down to speed up or slow down the setting speed. The address is from 001~512.



2、DMX MODE Function Chart:

DMX MODE IS IN SHORT MODE, Function Chart as below:

CH1	CH2	CH3	CH4	CH5	CH6
R Strobe speed	R Lighting Time	G Strobe Speed	G Lighting Time	B Strobe Time	B Lighting Time

When DMX MODE is in Full Mode, function chart as below.

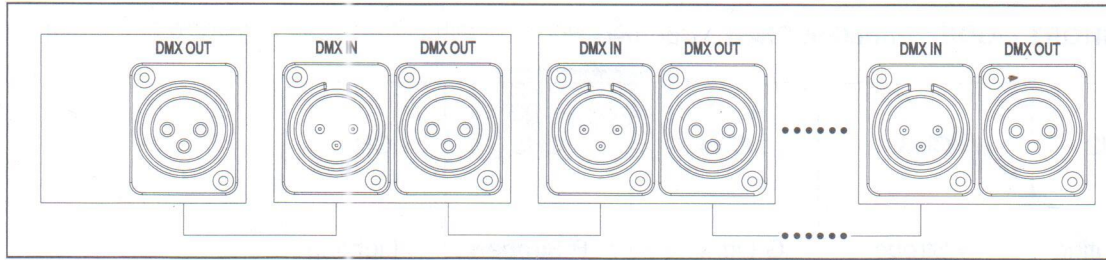
CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
R Strobe Dim	G Strobe Dim	B Strobe Dim	Strobe Speed	Light-on time	0~127 not under Blast Mode	0-9	NA
					128~255 Under Blast Mode		
NA	NA	NA	NA	NA	0~127 not under Blast Mode	10-49 Program 1	Faster and faster speed
						50-99 Program 2	
						100-149 Program 3	
					128~255 Under Blast Mode	150-199 Program 4	
						200-249 Program 5	
						250-255 Program 6	

3、DMX Pin Assignment:

Female and male pin assignment meaning: Pin1 = Gnd Pin2 = Dmx- Pin3 = Dmx+

4、DMX Online Connection:

DMX Controller

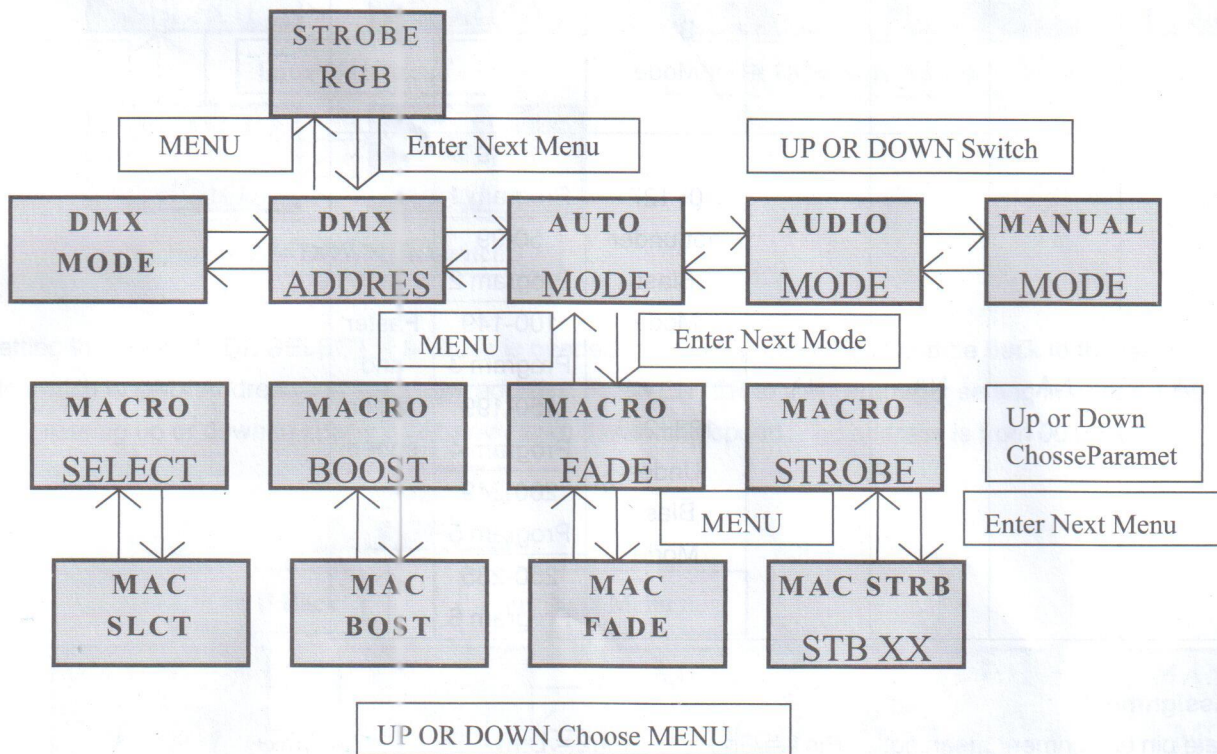


DMX Online Testing: Use three-pin DMX connect cable to connect each item, following the chart above. Set up DMX mode in each item and make sure that the same DMX address (From 001~512). After the DMX is connected, the units will work in the same mode.

三、Master and Slave Mode

1、Auto Mode:

Press Menu or Enter to choose the working mode. Press up or down to switch to Auto Mode. Press Up or Down to set up the different parameter. There are four in total, Macro Select, Macro Boost, Macro Fade, Macro Strobe. Choose the needed parameter, press enter to enter the setting interface.



Parameter Instructions:

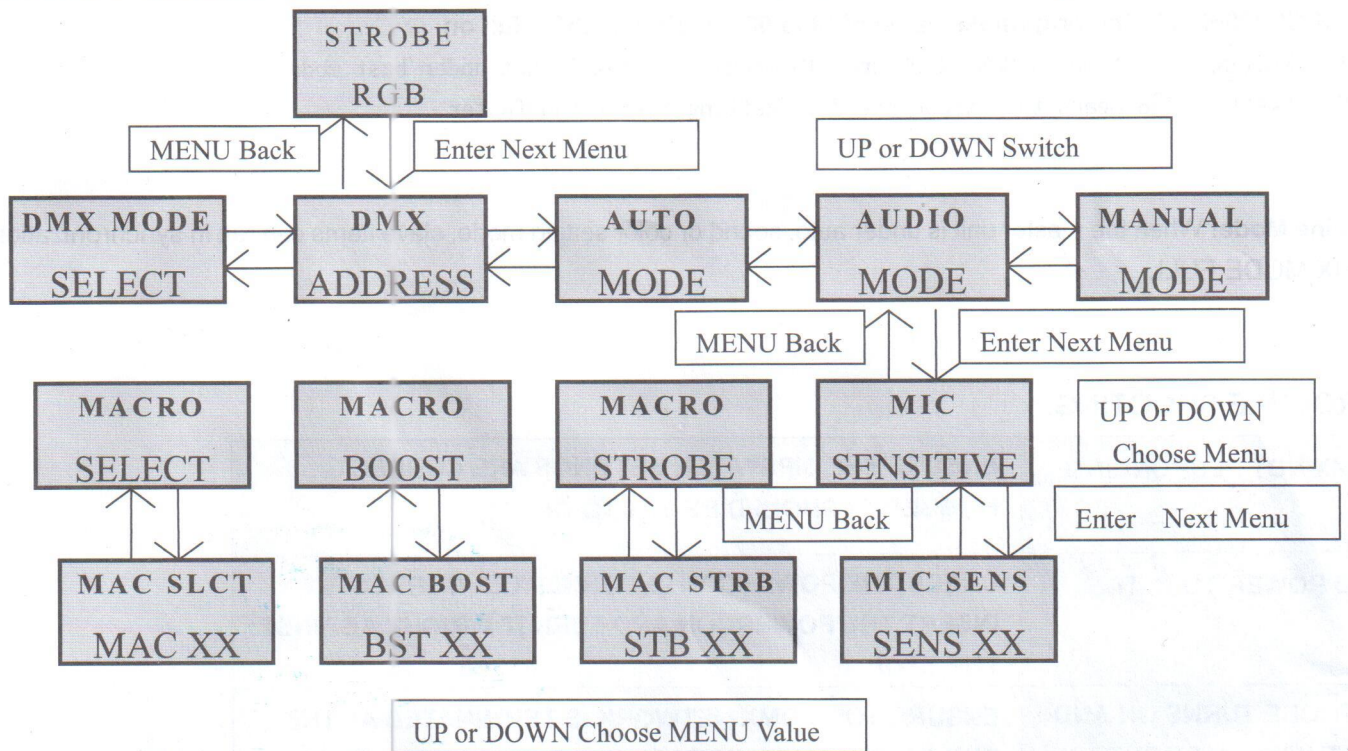
MAC XX(01~6): Choose the built-in program, six in total

BST XX(DIS/EN): Choose if boost mode is needed

STB XX(00~08): Choose the strobe speed

2、 Sound Mode:

Press Menu or Enter to choose the working mode. Press up or down to switch to Sound Mode. Press Up or Down to set up the different parameter, as the chart below shows. There are four parameters in total, that is MACRO SELECT,MACRO FADE,MACRO STROBE,MIC SENSITIV. Choose the needed mode and press Enter to the setting interface.



Parameter Instructions:

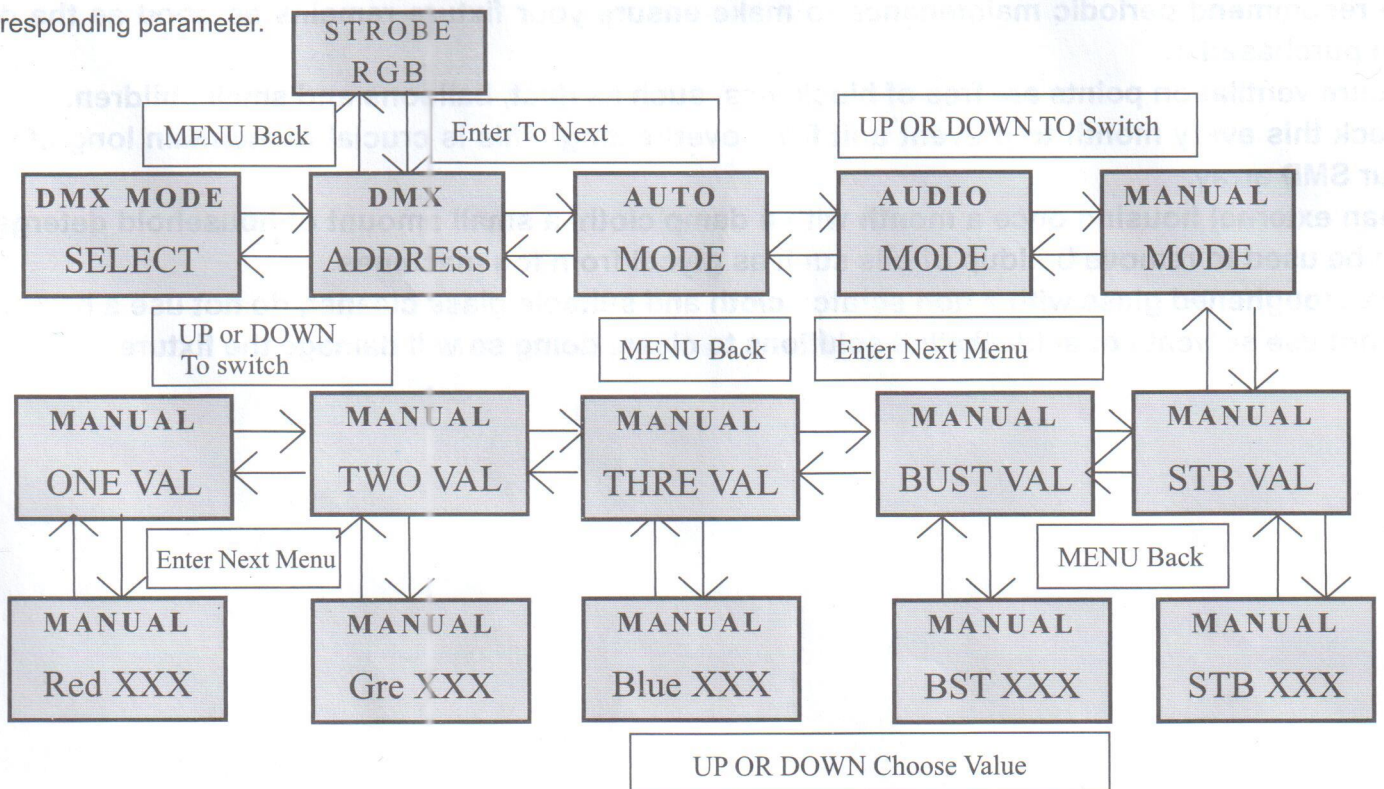
MAC XX(01~6): choose the built-in modes, there are six in total

BST XX(DIS/EN): Choose if boost mode is needed to run or not

SENS XX(01~04): Set down the sound sensitivity, four in total.01 is the minimum, 04 is the maximum.

3、 Color Setting Mode

Keep on pressing MENU to switch the working mode. When the working mode is switched to Sel Mode, loosen the Menu Button to enter to color setting mode. Press enter to choose different parameter interface. Press up or down to modify the corresponding parameter.



R XXX(000~255): The brightness value of red, 000 is off and 255 s full on

G XXX(000~255): The brightness value of green, 000 is off and 255 s full on

B XXX(000~255): The brightness value of blue 000 is off and 255 s full on

BST XXX(EN/DIS): EN means BUST MODE and DIS means the item is not under bust mode

STB XXX(1~8): 1~8 means the strobe speed is getting faster and faster

Online Mode: When the master unit is under auto, sound or color setting mode, slave items can run in synchronization under DMX MODE FULL.

TROUBLE SHOOTING.

DMX NOT RESPONDING	ENSURE THE DIPSWITCH SETTINGS ARE CORRECT, NUMBER 10 SHOULD BE SET TO OF
NO POWER TO UNIT	CHECK THE POWERCON IS CONNECTED CORRECTLY, INSERT THE POWERCON AND TURN IT WRIGHT AGAINST THE STOP
STROBE TURNS ON AND OFF WITHOUT CONTROL WHEN IN DMX	ENSURE YOUR DMX NETWORK IS TERMINATED AT THE END OF THE CHAIN WITH AN XLR TERMINATION PLUG. CHECK YOUR CABLES.

CLEANING

We recommend periodic maintenance to make ensure your fixture remains as good as the day you purchased it.

Ensure ventilation points are free of blockages, such as dust, balloons and small children.

Check this every month to prevent unit from overheating. This is crucial to maintain long life on your SMD array.

Clean external housing once a month with a damp cloth, a small amount of household detergent can be used to remove buildup of oils such as glycol from fog machines.

Clean toughened glass with a non scratch cloth and suitable glass cleaner, do not use a hammer. Do not use solvents or acid/alkaline solutions to clean, doing so will damage the fixture.