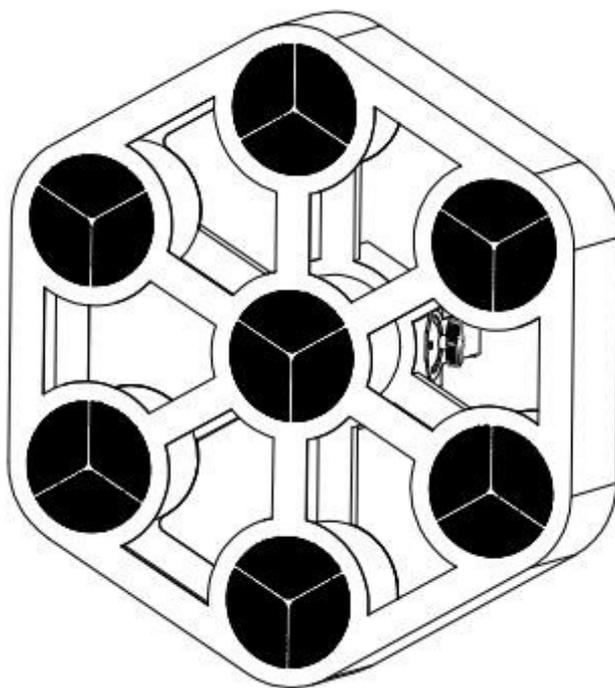


Instruction Manual

PROFESSIONAL SHOW LIGHT

Retro Storm FG740(RGBW)



Unpacking: Thank you for purchasing FG-740, Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without first contacting.

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE POWERING OR INSTALLING FG-740, SAVE IT FOR FUTURE REFERENCE.

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

PLEASE consider that damages caused by manual modifications to the device are not subject to warranty.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact the manufacturer or your dealer.

PLEASE recycle the shipping carton when ever possible.

General Instructions: To optimize the performance of this product, please read these operating instructions carefully to familiarize you with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit.

Features

- strobe
- Effect as background

Safety Precautions

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet matches that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only; use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.

- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See “Cleaning” for details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the appliance.
 - C. The appliance has been exposed to rain or water.
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Set Up:

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your FG-740, The model is Auto power supply, It is workable 90-250V/50~60Hz. Please make sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

Connection to the mains

For protection from electric shock, the fixture must be earthed!

Install a suitable plug on the power cord; note that the cores in the power cord are colored according to the following table. The earth has to be connected!

If you have any doubts about proper installation, consult a qualified electrician.

Core (EU)	Core (US)	Connection	Plug Terminal Marking
Brown Light blue Yellow/Green	Black White Green	Live Neutral Earth	L N 

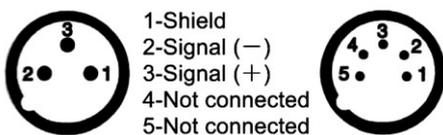
DMX512 connection

The fixture is equipped with 3-pin or 5-pin XLR sockets for DMX input and output. The sockets are wired in parallel.

Only use a shielded twisted-pair cable designed for RS-485 and 3-pin or 5-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

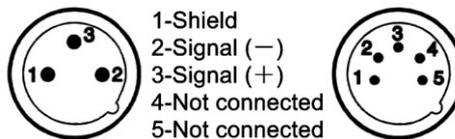
DMX-output

XLR mounting-sockets (rear view):



DMX-input

XLR mounting-plugs (rear view):



DMX Linking: To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Operating Modes: You can use the FG-740 in 4 ways:

- Auto Mode - The unit will automatically chase through the different colors and built-in programs.
- Slave Mode – The unit will run under slave mode.
- DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller.
- Sound Control--When music play,The unit will work with music beat.

DMX Mode: Operating through a DMX controller give the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your fixtures as spot lights.

1. This function will allow you to control each individual fixture’s traits with a standard DMX 512 controller.
2. The FG740 has 3 kind of DMX channels to operate. Please see “DMX Values and Functions” for the DMX traits.
3. To run your fixture in DMX mode, plug in the fixture via the XLR connections to any standard DMX controller. Set your desired DMX address following the setup specifications that come with your DMX controller

Main Control Menu

The control board on the fixture base is your interface to access and control all functions on the unit, its screen display gives you a code view of functions

LED Menu display:

	DMX Address 001-512	
	AU01-07	Auto 01-07
	S01-16	Auto Speed
	Sod1/Sod2	Sound 1/2
	SC-1--9	Sensitiveness
	CH11	11 Channels
	CH13	13 Channels
	CH35	35 Channels
	LED(LED Test)	
	Software version	

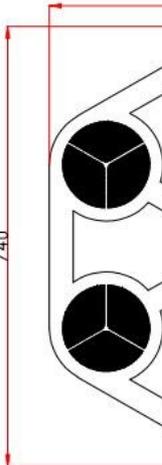
DMX Chart :

11CH	13CH	35CH	Function	DMX Value	Description
1	1	1	Dimmer	0-255	0-100%
2	2	2	Strobe	0-19	No Effect
				20-255	Strobe Slow-Fast
*	*	3	Red1	0-255	0-100%
*	*	4	Green1	0-255	0-100%
*	*	5	Blue1	0-255	0-100%
*	*	7	White1	0-255	0-100%
*	*
*	*	27	Red7	0-255	0-100%
*	*	28	Green7	0-255	0-100%
*	*	29	Blue7	0-255	0-100%
*	*	30	White7	0-255	0-100%
*	3	*	Led1	0-255	LED1 Color Macro
*	4	*	Led2	0-255	LED2 Color Macro
*	5	*	Led3	0-255	LED3 Color Macro
*	6	*	Led4	0-255	LED4 Color Macro
*	7	*	Led5	0-255	LED5 Color Macro
*	8	*	Led6	0-255	LED6 Color Macro
*	9	*	Led7	0-255	LED7 Color Macro
3	*	*	Red	0-255	0-100%
4	*	*	Green	0-255	0-100%
5	*	*	Blue	0-255	0-100%
6	*	*	White	0-255	0-100%
7	*	31	Color Macro	0-10	No Function
				11-30	R 100%,G 50-100-50%,B 0
				31-50	R 100%-0,G 100%, B,0
				51-70	R 0,G 100%,B 0-100%
				71-90	R 0,G 100%-0,B 100%
				91-110	R 0-100%, G 0, B 100%
				111-130	R 100%,G 0, B 100%-0
				131-150	R 100% ,G 0-100% ,B 0-100%

				151-170	R 100%-0 , G 100%-0 , B 100%
				171-200	R 100%,G 100%, B 100%
				201-205	Color 1
				206-210	Color 2
				211-215	Color 3
				216-220	Color 4
				221-225	Color 5
				226-230	Color 6
				231-235	Color 7
				236-240	Color 8
				241-245	Color 9
				246-250	Color 10
				251-255	Color 11
8	10	32	BackGround	0-10	No Effect
				11-255	BackGround Color
9	11	33	BackGround Dimmer	0-255	0-100%
10	12	34	Show	0-10	No Function
				11-15	Show1
				16-20	Show2
				21-25	Show3
				26-30	Show4
				31-35	Show5
				36-40	Show6
				41-45	Show7
				46-50	Show8
				51-55	Show9
				56-60	Show10
				61-65	Show11
				66-70	Show12
				71-75	Show13
				76-80	Show14
				81-85	Show15
				86-90	Show16
				91-95	Show17
96-100	Show18				

				101-105	Show19
				106-110	Show20
				111-115	Show21
				116-120	Show22
				121-125	Show23
				126-130	Show24
				131-135	Show25
				136-140	Show26
				141-145	Show27
				146-150	Show28
				151-155	Show29
				156-160	Show30
				161-165	Show31
				166-170	Show32
				171-175	Show33
				176-180	Show34
				181-185	Show35
				186-190	Show36
				191-195	Show37
				196-200	Show38
				201-205	Show39
				206-210	Show40
				211-215	Show41
				216-220	Show42
				221-225	Show43
				226-230	Show44
				231-235	Show45
				236-245	Sound1
				246-255	Sound2
11	13	35	Show Speed	0-255	Show Speed Slow to Fast

Dimension (mm): 666*312*740



Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.

2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (smoke, fog residue, dust, dew).

Parameter:

Model name: **Retro FG-740**

Power consumption: 300W

Voltage: AC100V-250V, 50Hz/60Hz

Working position: any safe working position

LED: 40W 4in1(RGBW) LEDs * 7pcs

DMX Channel: 11/13/35 CHs

Display: LCD display

Aluminum housing: black ,white and other color optional

Control: DMX 512, auto run/Slave/ Master mode and Sound Control

3pin or 5pin DMX XLR and powercon in and out

Size: 666*312*740mm

N.W.: 13kgs

Note: All information is subject to change without prior notice.