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LIGHT4ME 7x12
LED RGBW Frame
Par

LIGHT4ME 7×12 LED RGBW Frame Par Owner's Manual

Contents

LIGHT4ME 7×12 LED RGBW Frame Par

Product Information

Specifications

- Product Name: FRAME PAR 7×12
- Usage: Indoor
- Power: Requires proper grounding

Product Usage Instructions

Safety Instructions

1. Keep the device away from rain and moisture. Disconnect power before cleaning and maintenance.
2. Ensure proper grounding and power compatibility. Always disconnect power before cleaning.
3. Use only identical fuses for replacement.

Installation

1. Ensure the installation location can withstand ten times the weight of the device.
2. Use a safety cable for additional security during mounting.

Connections
For installations with long cables susceptible to , use splitters, boosters, and DMX terminators to prevent signal distortion.

Menu Structure
Refer to the provided chart for menu structure details.

Frequently Asked Questions (FAQ)

Q: Can the product be used outdoors?
A: The product is designed for indoor use only. Avoid exposure to rain or moisture.

Safety instructions

Thank you for choosing our product. For your own safety, please read this user manual carefully (before your initial start-up!)

Caution!
Be careful with your operations.
With a high voltage you can suffer dangerous electric shock when touching the wires!
This device has left our premises in absolutely perfect condition, In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Caution
Keep this device away from rain and moisture!
Unplug mains lead before opening the housing

Important

- The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.
- Please consider that damages caused by manual modifications to the device are not subject to warranty.
- During the operation the housing becomes hot. Allot the fixture to cool approximately 20 minutes prior to manipulate with it.
- Make sure that the available voltage is not higher than stated on the rear panel.
- WARNING! This unit does not contain an ON/OFF switch. Always disconnect power input cable to completely remove power from unit when not in use or before cleaning or serving the fixture.
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time.
- Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power-cord by the plug. Neve pull out the plug by tugging the power cord.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- The electric connection, repairs and servicing must be carried out by a qualified employee.
- Do not connect this device to a dimmer pack.
- Do not switch the fixture on and off in short intervals as this would reduce the lamp's life.
- During the initial start-up some smoke or smell may arise. This is normal process and does not necessarily mean that the device is defective.
- Do not touch the device's housing bare hands during its operation (housing becomes hot)!
- For replacement use lamps and fuses of same type and rating only.

CAUTION! EYE DAMAGES!
Avoid looking directly into the light source (meant especially for epileptics) !

## PRODUCT DESCRIPTION AND CONTENTS OF THE PACKAGE

FRAME PAR 7×12 is equipped with 7 colour LEDs, which are characterized by high brightness and stability. Unpack the device carefully and check if it has not been damaged in transport. Also check that all the following items are included:
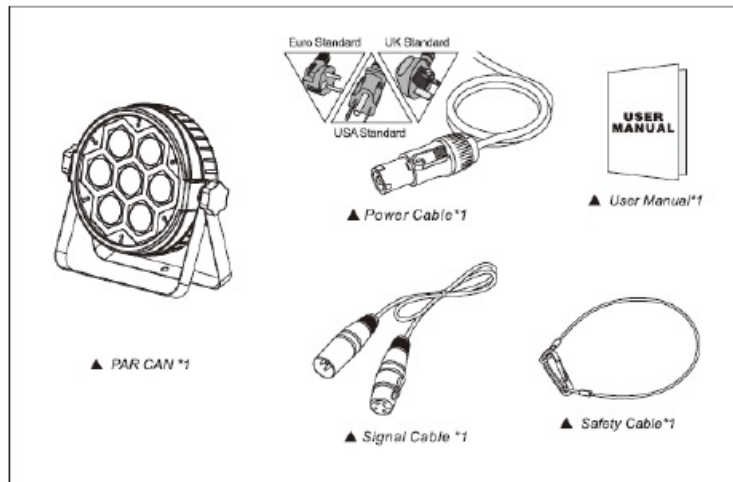
Light4Me Frame Par spotlight is the perfect stage lighting for demanding clients. The equipment allows you to create interesting installations and lighting effects. It has a strobe mode with a pulsation function and built-in work programmes, also available from the DMX level. It is solidly made and at the same time very mobile, therefore it can be successfully used by DJs, wedding bands, event companies as well as restaurateurs and hoteliers to decorate interior design elements with light.

TECHNICAL INFORMATION

- Powered by 7x12W 4in1 RGBW LEDs & 60×0,2W RGB LEDs
- Input Voltage: AC90-260V,50/60 Hz
- Power connectors: powercon (in/out)
- Power consumption: 55W
- Beam angle: 26°
- Operation modes: auto, sound, master/slave, DMX512
- DMX channel modes: 12/17
- DMX connectors: 3-pin XLR (in/out)
- Operating temperature: 0°C ~ 45°C
- Dimensions (W x H x L): 117 x 213 x 265 mm
- Package dimensions (W x H x L): 260 x 370 x 260 mm
- Net weight: 1,88 kg
- Gross weight: 2,81 kg
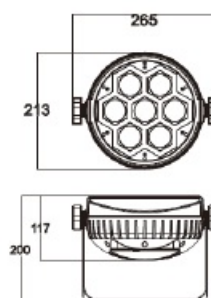
FEATURES

- low power consumption;
- engineering grade nylon plactic, flame retardant and corrosion resistant;
- efficient cooling system;
- CTB and CTO, linear colour temperature from 2800 to 8000K changeable;
- precise RGBW color mixing system and rainbow effect;
- 16,7 milion additive RGBW colors with full saturation control;
- built-in programs that could be called up via a DMX controller;
- neon light effect;
- 25t/s strobe effect and pulse strobe effect;
- 0-100% electronic dimming;
- dual bracket system available for setting the fixture on the ground or hanging.

PHOTOMETRIC CHART

Distance	1m	3m	5m	7m

(LUX)			
R	5967	600	218
G	5962	615	216
B	7922	805	277
W	7200	760	266
RGBW	27130	2750	1049

26°
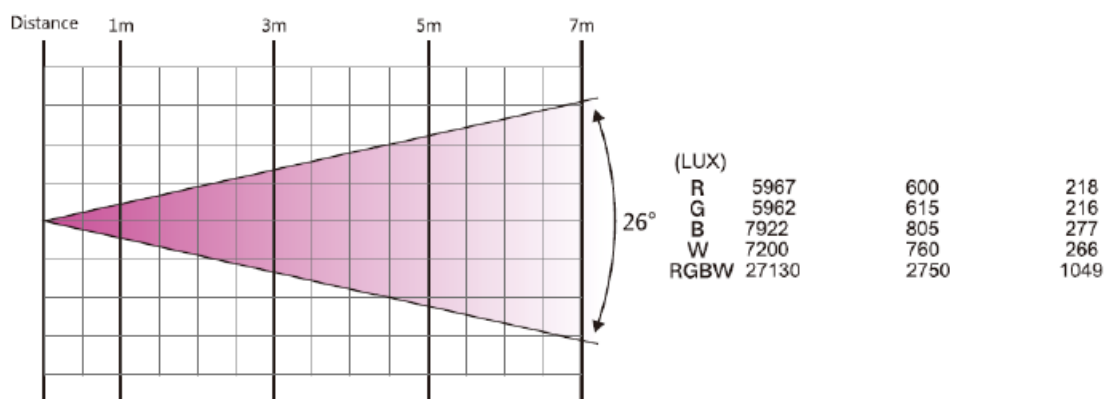
RULES OF USING THE DEVICE.

- The spotlight is for indoor use only.
- Do not switch on the unit immediately after a significant change in ambient temperature. Make sure that the device has reached room temperature before switching it on.
- Avoid significant shocks, e.g. during transport. These can damage the device.
- Carry the unit by the carrying handles – NOT by the body.
- Do not expose the unit to overheating, moisture or damage during installation. Also do not leave wires directly on the floor, they may cause an electric shock.
- Ensure before installation that the installation location is suitable.
- After installation, secure additionally with a safety cord.
- Make sure that the lenses are not damaged. If you notice any significant scratches on the lenses, they should be replaced.
- Ensure that the person operating the unit is qualified and experienced to do so.
- Retain the original packaging in case of re-shipment.
- Do not attempt to carry out repairs yourself. In the event of a fault, contact your distributor or dealer.

- The manufacturer and distributors are not liable for damage caused by improper use or failure to follow the instructions in this manual.
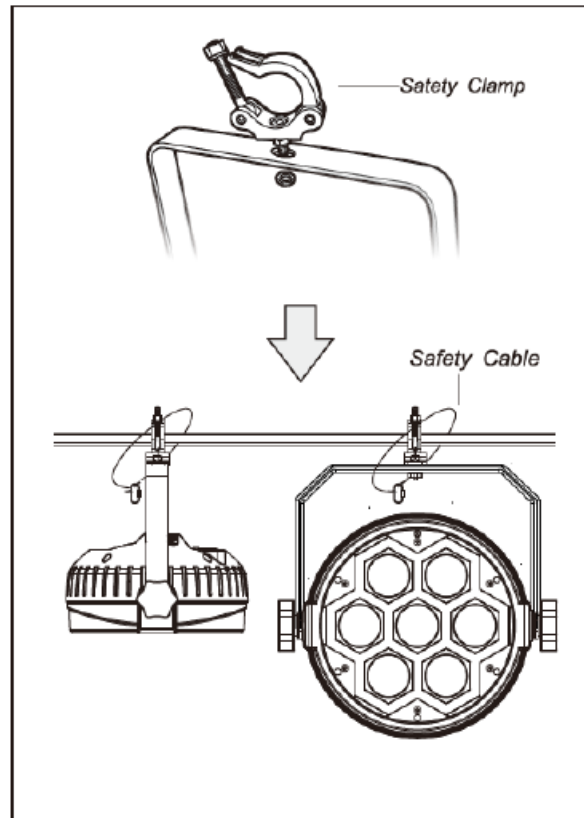
INSTALLATION

WARNING
For added protection mount the fixtures in areas outside walking paths, seating areas or in areas were the fixture might be reached by unauthorized personnel.
Before mounting the fixture to any surface, make sure that the installation area can gold a minimum point load of 10 times the device's weight. Fixture installation must always be secured with secondary safety attachment, such as an appropriate safety cable.
Never stand directly below the device when mounting, removing or servicing the fixture from a ceiling, or set on a flat level surface (see illustration). Be sure this fixture is kept at least 0.5 m (1.5 ft) away from any flammable materials (decoration etc.).
Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamps fails.

Mounting points

Overhead mounting requires extensive experience including amongst other calculating working load limits, a fine knowledge if the installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury. Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

Clamp mounting:
Frame Par 7×12 provides a unique mounting bracket assembly that integrates the bottoms of the base, and the safety cable rigging point in one unite (see illustration). When mounting this fixture to truss be sure to secure an appropriately rated clamps to the included omega bracket using a M10 screw fitted through the center hole of the handle. As an added safety measure be sure to attached at least on properly rated safety cable to the fixture using

on of the safety cable rigging point integrated in the base assembly.

DMX CONNECTIONS
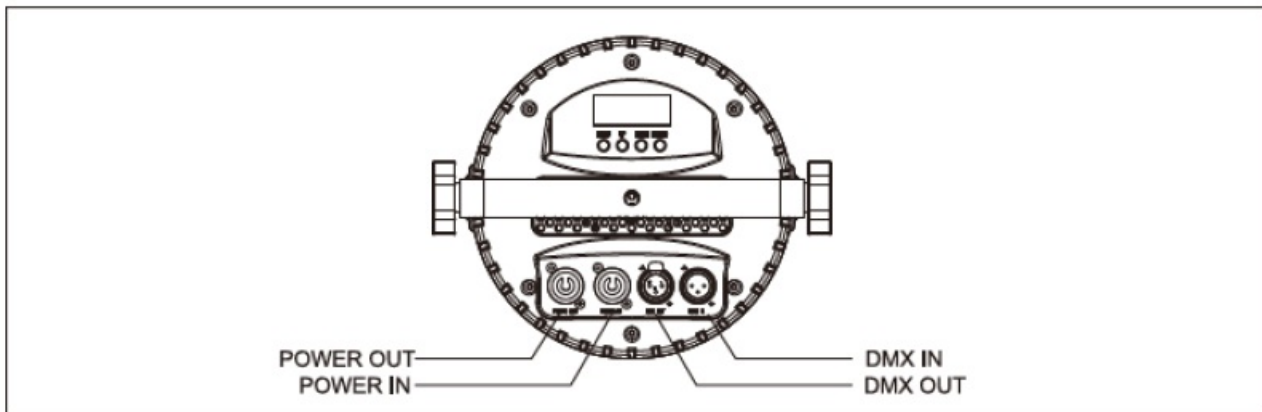
Connect the included XLR/DMX cable to the output on the DMX controller, the other end to the signal input "DMX IN", this way you can connect several devices in one chain. The cable should be a two-wire shielded cable with XLR connectors and 110Ohm impedance. When connecting devices, check the diagram below. You can attach a DMX terminator to the last device in the chain to reduce signal interference.

In installations where long cables are used that are susceptible to electrical noise, use splitters and boosters and DMX terminators. It helps prevent signal distortion. DMX terminator is an XLR plug with a3 resistor soldered in between pins 2 and 3, which is placed in the DMX output of the last device in the chain. Please refer to the illustrations below.

MENU STRUCTURE.

LED DISPLAY

MENU

ENTER

UP

DOWN
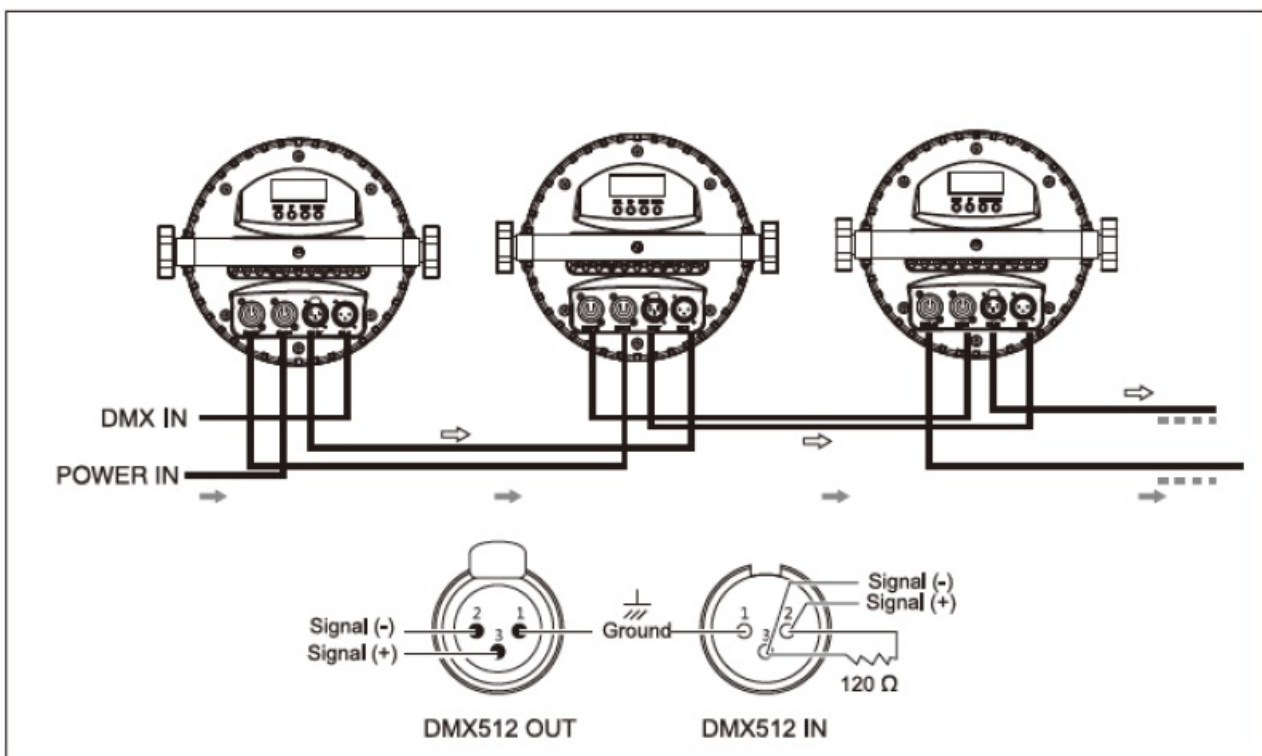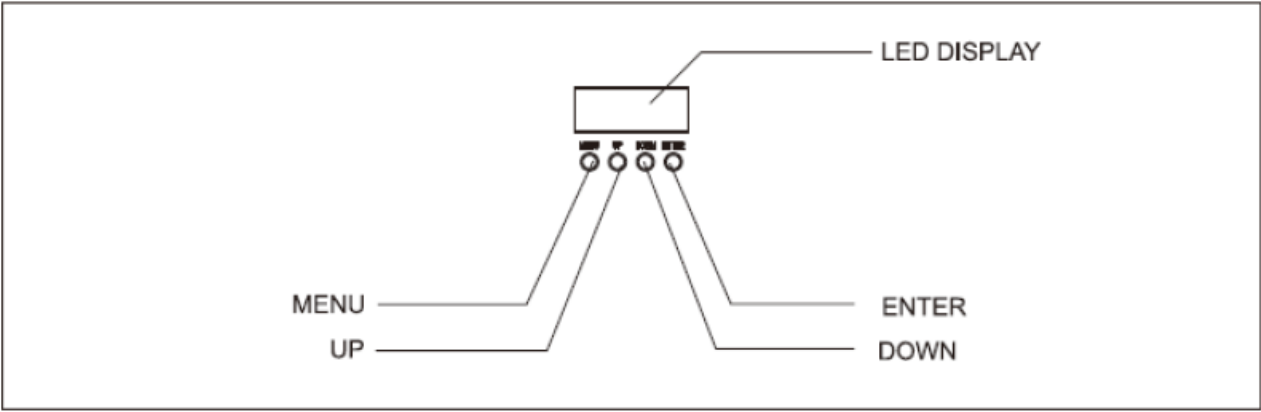
DMX MODE	Address	A001…A512
	Channels	CH17 (default)
		CH12
SLAVE MODE	Slave mode	SLAV
FAN SPEED SET MODE	Fan Speed	FAN0 – automatic fan speed control
		FAN1 – constant fan speed
DIMMER MODE	Red dimmer	r000-r255
	Green dimmer	g000-g255
	Blue dimmer	b000-b255
	White dimmer	U000-U255
	Pixel Red dimmer	Pr00-FF
	Pixel Green dimmer	Pg00-FF
	Pixel Blue dimmer	Pb00-FF
SOUND MODE	Mode select	So01-So07
	Sensivity select	SJ-1 – SJ-8
	Master/Alone Set	So-A – sound control, stand-alone operation
		So-M – sound control, master operation
AUTO RUN MODE	Mode select	AT01-AT08
	Speed select	SP01-SP05
	Master/Alone Set	AU-A – automatic mode, stand- alone operation
		AU-M – automatic mode, master operation
STATIC COLOR SELECT MODE	Color select	CL00-CL15
	Color temperature	T000-T255
	Pixel select	P001-P101 – auto: 17-101
OTHER MODE	Display on/off	don
		doff
	Initialization mode	dEFR – restoring factory settings
	Calibration Set	Code:88
	Temperature	TXXX
Version number	Version number	V_10-V_99

DMX STRUCTURE

Mode/Channel		Value	Function
CH17 (default)	*CH12*		
1	1		Dimmer
		0-255	0-100%
2	2		Shutter
		0-31	Shutter closed
		32-63	Shutter open
		64-95	Strobe effect slow to fast
		96-127	Open
		128-159	Pulse-effect in sequences slow to fast
		160-191	Open
		192-223	Random strobe effect slow to fast
		224-255	Open
3	3		Red
		0-255	0-100% Red dimmer from dark to bright
4	4		Green
		0-255	0-100% Green dimmer from dark to bright
5	5		Blue
		0-255	0-100% Blue dimmer from dark to bright
6	6		White
		0-255	0-100% White dimmer from dark to bright
			Macro Color
		0-15	No Function
		16-31	Red
		32-47	Green
		48-63	Blue
		64-79	White
		80-95	Red+Green
		96-111	Red+Blue
		112-127	Red+White
		128-143	Green+Blue

		144-159	Green+White
7		160-175	Blue+Wtihe
		176-191	R+G+B
		192-207	R+G+B+W
		208-212	2700K
		213-217	3200K
		218-222	3500K
		223-227	5000K
		228-232	5500K
		233-237	6000K
		238-242	6500K
		243-247	7000K
		248-255	8000K
8			Color temp
		0-15	No Function
		16-45	Below 3200K
		46-75	3200-3500K
		76-105	3500-5000K
		106-135	5000-5500K
		136-165	5500-6000K
		166-195	6000-6500K
		196-225	6500-7000K
		226-255	7000-8000K
9	7		Macro RUN
		0-15	No Function
		16-31	Macro Run 1
		32-47	Macro Run 2
		48-63	Macro Run 3
		64-79	Macro Run 4
		80-95	Macro Run 5
		96-111	Macro Run 6
		112-127	Macro Run 7

		128-143	Macro Run 8
		144-159	Macro Sound 1
		160-175	Macro Sound 2
		176-191	Macro Sound 3
		192-207	Macro Sound 4
		208-223	Macro Sound 5
		224-239	Macro Sound 6
		240-255	Macro Sound 7
10	8		Macro speed
		0-255	1-100%
11	9		Pix_Dimmer
		0-255	0-100%
12			Pix_Red
		0-255	0-100%
13			Pix_Green
		0-255	0-100%
14			Pix_Blue
		0-255	0-100%
15	10		Pix_color
		0-0	No Function
		1-15	Red
		16-31	Green
		32-47	Blue
		48-63	Red+Blue
		64-79	Red+Green
		80-95	Green+Blue
		96-111	Red+Blue+Green
		112-127	2700K
		128-143	3200K
		144-159	3500K
		160-175	5000K
		176-191	5500K
		192-207	6000K

		208-223	6500K
		224-239	7000K
		240-255	8000K
16	11		Pix_Macro
		0-15	No Function
		16-29	Pix Dynamic Scene1
		30-43	Pix Dynamic Scene2
		44-57	Pix Dynamic Scene3
		58-71	Pix Dynamic Scene4
		72-85	Pix Dynamic Scene5
		86-99	Pix Dynamic Scene6
		100-113	Pix Dynamic Scene7
		114-127	Pix Dynamic Scene8
		128-143	Pix Dynamic Scene9
		142-155	Pix Dynamic Scene10
		156-169	Pix Dynamic Scene11
		170-183	Pix Dynamic Scene12
		184-197	Pix Dynamic Scene13
		198-211	Pix Dynamic Scene14
		212-225	Pix Dynamic Scene15
		226-239	Pix Dynamic Scene16
		240-255	Pix Dynamic Scene17
17	12		Pix_Macro_Speed
		0-255	0-100%

Maintenance and cleaning

Keep the device clean so that dust, dirt and smoke residue do not remain on or in the device. Otherwise, the performance of the device may be significantly reduced or the device itself may be damaged, e.g. from overheating. Regular cleaning helps to keep the device bright and functioning properly. To clean, use a damp lint-free cloth with a little glass cleaner. Do not use solvents or alcohol to clean the device.

CAUTION
Disconnect the unit from the power supply before any cleaning or maintenance!

The lenses need to be cleaned weekly so that the amount of light coming out is not reduced. Fans should be cleaned once a month. The inside of the unit should be cleaned at least once a year using a hoover or compressed air. To remove dirt and dust from the fans use a soft brush and hoover.
Important! Check the air filters regularly and clean them before they get dirty and blocked. The device has two air

filters in the head body and two in the base. Clean them with hoover, compressed air or wash and reinsert them after drying.

Fuse replacement
Disconnect the power supply before replacing the fuse.

1. Remove the fuse cover located on the rear panel of the base using a screwdriver.
2. Remove the old fuse from its holder.
3. Install a new fuse (use only fuses of identical rating).
4. Tighten the fuse cover.

WARNING! THE DEVICE MUST NOT BE DISPOSED OF WITH HOUSEHOLD WASTE.

This symbol indicates that this product must not be disposed of with household waste, according to the EU and your national law. In order to prevent potential damage to the environment or health, the used product must be recycled. In accordance with current legislation, unusable electrical and electronic devices must be collected separately at the designated facilities for recycling, acting on the basis of applicable environmental standards. Information about used electrical and electronic equipment
The main goal of European and national law regulations is to reduce the amount of waste produced from used electrical and electronic equipment, to ensure an appropriate level of collection, recovery and recycling of used equipment, and to increase public awareness of its harmfulness to the environment, at each stage of use of electrical and electronic equipment. Therefore, it should be pointed out that households play a key role in contributing to reuse and recovery, including recycling of used equipment. The user of electrical and electronic equipment – intended for households – is obliged to return it to authorized collector after its use. However, it should be remembered that products classified as electrical or electronic equipment should be disposed of at authorized collection points.

Documents / Resources

LIGHT4ME 7x12 LED RGBW Frame Par [pdf] Owner's Manual
7x12 LED RGBW Frame Par, LED RGBW Frame Par, RGBW Frame Par, Frame Par, Par

References

- **User Manual**