



Manual



LED RealBeam 7 RGBW

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1. Safety instructions



- This Device is suitable for indoor use only.
- All modifications will void the warranty.
- Repairs have to be carried out by skilled personnel only.
- Only use fuses of the same type and original parts as spare parts.
- Protect the Unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. Instructions for a safe and efficient operation

Be careful with heat and extreme temperature

Only use the device in a place where no extreme temperatures will occur.
Do not keep it in a temperature below 32°F /0°C, or exceeding 104°F /40°C.
Avoid exposing it to direct rays of the sun or near a heating appliance.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.
Containers with liquid should not be placed on the set.

Avoid placing it on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust. Metall Parts can be cleaned with a wet soft cloth for stubborn dirt.

If out of work, contact sales agency soon

If any troubles occurs, remove the power plug immediately, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

IMPORTANT:

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. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

1.1. Additional Information for safety



Excessive temperature

Ta=40°C

Please do not use the device if the temperature exceeds 40°C/104°F.



Drop safety

To avoid injuries carry the package only by twos. If you install the device the mounting bracket has the ability to carry the tenfold load of the weight of the device. Always use a corresponding safety to safe the device additional. While working at the device the place below has to be vacated

UV protection and lamp explosion

Do not look unprotected directly into the light. The UV radiation is shielded by the lens and the casing, but without the casing it is possible to cause damages on the eyes.



Beware of electrical shock

Make sure the electrical connection is carried out by qualified personnel. Before you plug in the device make sure that the power supply system has the right voltage. Every device has to be grounded. Unplug the power supply if you want to change a lamp or you have to open the device. You also have to accomplish this action if there is a thunderstorm or high humidity.



Fire risk

Make sure that the fuse is in function. It is never allowed to bridge it. If you have to exchange it only use fuses of the same type.

There must be a distance to lighted things and beam of 0,5m.

It is not allowed to cover fans and air in and outlets.

Make sure that there is a distance between the device and all objects in an area of 0.5m.

Don't put or mount anything on the lens.

The device has to cool down for 20 minutes before opening.

2. Statement

When we send out the goods, they are well packaged and also at best condition. Every product was tested before delivery. If you recognize mistakes or damages please contact the delivery agent or the supplier. Please read this manual faithful. In this manual you can find information about the handling and the safety regulations of this product. If you disregard this manual we cannot give a warranty for it. Technical changes, which are for progress, may be possible at any time. They are not mentioned particularly in this manual, but affixed extra.

2.1. Product description

Thank you for choosing this device. This device is on the current state of technology and has a range of features and meets the requirements of the DMX512 USITT 1990 standard. This device was developed for many different purposes e.g. TV studios, discos, nightclubs, bars and concerts.

2.1. Introduction to the product

2.1.1. Technical Data

Power supply	
Voltage	110V-240V / 50-60Hz
Light source	
Lamp type	LED 4in1
Wattage	105W
Color spectrum	RGBW
Number	7x15W RGBW
Optics	
Beam angle	7/13°
Functions	
Pan	540°/630°
Tilt	270°
Control	
Sound-to-light	Yes
Automatic	Yes
Master-Slave	Yes
DMX	9/12 channels
Artnet	No
RDM	No
Hardware	
Protection class	IP44
Skill	indoor
Dimensions (LxBxH)	440 x 340 x 240 mm
Weight	7,55kg

3. Controlling

3.1. Description of the display

By pressing MENU you can get into the menu. You can reach the desired point in the menu by hitting UP/DOWN. Confirm with ENTER. You can change the settings with the UP/DOWN buttons, too. Store your setting with ENTER.

3.2. Structure of the menu

Main menu	Submenu 1	Settings	Function
DMX Adress		1-512	Setting the DMX address
System Reset			Reset
Firmware Version		X.XXX	Software version
Fixture Time		Work Time XX H	Operating hours
White Balance	Red	000-255	Dimmer red LEDs
	Blue	000-255	Dimmer blue LEDs
	Green	000-255	Dimmer green LEDs
Auto Test		Red Test	Test red LEDs
		Green Test	Test green LEDs
		Blue Test	Test blue LEDs
		White Test	Test white LEDs
		All Test	Test all LEDs
Tilt Inverse		Yes	Tilt Scan inverse
		No	Tilt Scan normal
Pan Inverse		Yes	Pan Scan inverse
		No	Pan Scan normal
Pan Angle		540°	Angle 540°
		630°	Angle 630°
Backlight LCD		On	Display stays on
		Off	Display powers down after 30s
Show Mode		Auto run	Automatic program
		Sound	Sound-to-light
Slave Mode		Master	The device acts as Master.
		Slave	The device acts as Slave.
Channel		9Ch	DMX mode with 9 channels.
		12Ch	DMX mode with 12 channels.

3.3. DMX chart

3.3.1. 9 Channels

Channel		Value from	Value to	Description
1	Pan	0	255	Pan movement 0-540°
2	Tilt	0	255	Tilt movement 0-180°
3	Pan fine	0	255	Fine Pan movement
4	Tilt fine	0	255	Fine Tilt movement
5	Dimmer/ Strobe	0	200	Dimmer
		201	247	Strobe slow-fast
		248	255	Dimmer
6	Red	0	255	Dimmer red LEDs
7	Green	0	255	Dimmer green LEDs
8	Blue	0	255	Dimmer blue LEDs
9	White	0	255	Dimmer white LEDs

3.3.2. 12 Channels

Channel		Value from	Value to	Function
1	Dimmer	0	255	Dimmer 0-100%
2	Macro Color	0	9	No function
		10	14	Red
		15	19	Green
		20	24	Blue
		25	29	Macro color 1
		30	34	Macro color 2
		35	38	Macro color 3
		39	43	Macro color 4
		44	48	Macro color 5
		49	53	Macro color 6
		54	58	Macro color 7
		59	63	Macro color 8
		64	67	Macro color 9
		68	82	Macro color 10
		83	87	Macro color 11
		88	91	Macro color 12
		92	96	Macro color 13
		97	101	Macro color 14
102	106	Macro color 15		
107	116	Macro color 16		
117	120	Macro color 17		
121	130	Macro color 18		

		131	135	Macro color 19
		136	140	Macro color 20
		141	145	Macro color 21
		146	154	Macro color 22
		155	159	Macro color 23
		160	164	Macro color 24
		165	169	Macro color 25
		170	173	Macro color 26
		174	178	Macro color 27
		179	183	Macro color 28
		184	188	Macro color 29
		189	193	Macro color 30
		194	198	Macro color 31
		199	202	Macro color 32
		203	207	Macro color 33
		208	212	Macro color 34
		213	217	Macro color 35
		218	222	Macro color 36
		223	227	Macro color 37
		228	231	Macro color 38
		232	236	Macro color 39
		237	241	Macro color 40
		242	246	Macro color 41
		247	251	Macro color 42
		252	255	Macro color 43
3	Red	0	255	Dimmer red LEDs
4	Green	0	255	Dimmer green LEDs
5	Blue	0	255	Dimmer blue LEDs
6	White	0	255	Dimmer white LEDs
7	Strobe	0	9	No function
		10	255	Strobe slow-fast
8	Pan	0	255	Pan movement 0-630°
9	Pan fine	0	255	Fine Pan movement
10	Tilt	0	255	Tilt movement 0-270°
11	Tilt fine	0	255	Fine Tilt movement
12	Function	0	127	No function
		128	255	Auto & Master

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