

10 MAINTENANCE AND CLEANING

The following points have to be considered during the inspection:

- 1) All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
- 3) Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
- 4) The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



CAUTION

Disconnect from mains before starting maintenance operation.



In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- 2) Clean the fan each week.
- 3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

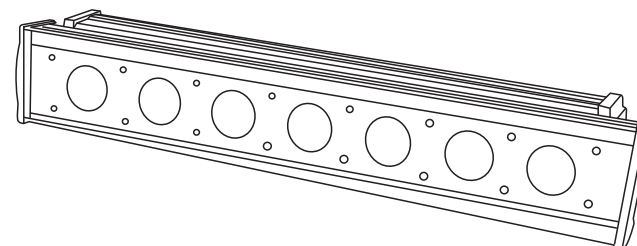
We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents.

There are no serviceable parts inside the device. Please refer to the instructions under "Installation instructions".

Should you need any spare parts, please order genuine parts from your local dealer.

STECHNICS

BARSHOW 718RGBWA



CE   IP65 LED  1.5m  t_a 40°C t_c 100°C

User Manual

KEEP THIS MANUAL FOR FUTURE NEEDS

1 SAFETY INSTRUCTIONS



CAUTION

Becareful with your operations. With a dangerous voltage you cansuffer a dangerous electric shock when touching wires!

This device has left the factory in 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 user manual.



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.

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.

This device falls under protection-class I. Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

The device shall only be used with rate voltage and frequency.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

35CH Mode

Channel	Function	Value	Description
1	Red	0-255	1#Red Dimming,from dark to light
2	Green	0-255	1#Green Dimming,from dark to light
3	Blue	0-255	1#Blue Dimming,from dark to light
4	White	0-255	1#White Dimming,from dark to light
5	Amber	0-255	1#Amber Dimming,from dark to light
6	Red	0-255	2#Red Dimming,from dark to light
7	Green	0-255	2#Green Dimming,from dark to light
8	Blue	0-255	2#Blue Dimming,from dark to light
9	White	0-255	2#White Dimming,from dark to light
10	Amber	0-255	2#Amber Dimming,from dark to light
...
...
31	Red	0-255	7#Red Dimming,from dark to light
32	Green	0-255	7#Green Dimming,from dark to light
33	Blue	0-255	7#Blue Dimming,from dark to light
34	White	0-255	7#White Dimming,from dark to light
35	Amber	0-255	7#Amber Dimming,from dark to light

37CH Mode

Channel	Function	Value	Description
1	Total	0-255	RGBWA Total Dimming,from dark to light
2	Strobe	0-255	RGBWA Strobe,speed from slow to fast
3	Red	0-255	1#Red Dimming,from dark to light
4	Green	0-255	1#Green Dimming,from dark to light
5	Blue	0-255	1#Blue Dimming,from dark to light
6	White	0-255	1#White Dimming,from dark to light
7	Amber	0-255	1#Amber Dimming,from dark to light
8	Red	0-255	2#Red Dimming,from dark to light
9	Green	0-255	2#Green Dimming,from dark to light
10	Blue	0-255	2#Blue Dimming,from dark to light
11	White	0-255	2#White Dimming,from dark to light
12	Amber	0-255	2#Amber Dimming,from dark to light
...
...
33	Red	0-255	7#Red Dimming,from dark to light
34	Green	0-255	7#Green Dimming,from dark to light
35	Blue	0-255	7#Blue Dimming,from dark to light
36	White	0-255	7#White Dimming,from dark to light
37	Amber	0-255	7#Amber Dimming,from dark to light

6	White	0-255	White Dimming,from dark to light
7	Amber	7-255	Amber Dimming,from dark to light

10CH Mode

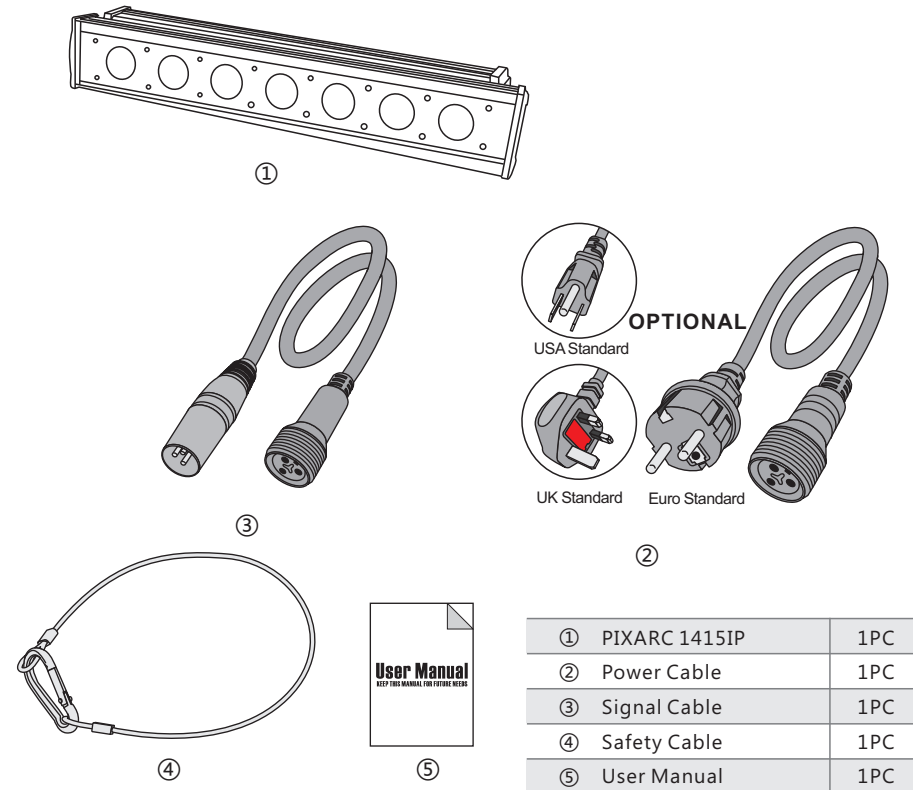
Channel	Function	Value	Description
1	Total	0-255	RGBWA Total Dimming,from dark to light
2	Strobe	7-255	RGBWA Strobe,speed from slow to fast
3	Effect	0-5	Null
		6-15	Customize effect 1#--13#
		16-25	CH1:Dimming
		26-35	CH2:Superimposed strobe effect
		36-45	CH5:Select background colors
		46-55	CH6-CH8:Select effect colors
		56-65	
		66-75	
		76-85	
		86-95	
		96-105	
		106-115	
		116-125	
		126-135	
		136-145	Jump effect 1
		146-155	Jump effect 2
		156-165	Jump effect 3
		166-175	Jump effect 4
		176-185	Jump effect 5
		186-195	Jump effect 6
		196-205	Jump effect 7
		206-215	Jump effect 8
		216-225	Loops jump effect 1 to 8
226-235	Yellow shade effect		
236-245	Loops red to yellow shade effect		
246-255	Sound active		
4	Effect speed	0-255	Effect Speed from slow to fast
5	Background	0-255	Background color choose
6	Red	0-255	Red Dimming,from dark to light
7	Green	0-255	Green Dimming,from dark to light
8	Blue	0-255	Blue Dimming,from dark to light
9	White	0-255	White Dimming,from dark to light
10	Amber	0-255	Amber Dimming,from dark to light

2 UNPACKING

Thank you for choosing our BARSHOW 718. For your own safety, please read this manual before installing the device. This manual covers the important information on installation and applications. Please install and operate the fixture with following instructions. Meanwhile, please keep this manual well for future needs.

The BARSHOW 718 is made of a new type of high temperature strength of aluminum casing with nice outlook. The fixture is designed and manufactured strictly following CE standards, complying with international standard DMX512 protocol. It's available independently controlled and linkable with each other for operation. And it is applicable for large-scale live performances, theater, studio, nightclubs and discos.

The BARSHOW 718 adopts 7PCS 18W 6-IN-1 LEDs (RGBWA) which features high brightness and stability. Please carefully unpack it when you receive the fixture and check whether it is damaged during the transportation. And please check whether the following items are included inside the box:



①	PIXARC 1415IP	1PC
②	Power Cable	1PC
③	Signal Cable	1PC
④	Safety Cable	1PC
⑤	User Manual	1PC

3 FEATURES & SPECIFICATIONS

Features ·7*18W 6-IN-1 LEDs (RGBWA+UV)

- 16.7 Millions of colors mixable
- 50,000 hours life span and lower power consumption
- Stunning light output with high intensity and high color rendering index ·High efficiency 40mm PMMA 40° optic lens
- 0-100% Smooth linear electronic dimmer
- Flicker free control capability
- 25T/s high speed LED shutter/strobe effect with variable speed

- Dynamic macro effect with variable speed
- 12 Internal color running programs, available for strobe effect together
- 13 DIY internal color running programs with background.foreground colors changeable, available for strobe effect together
- 2CH/5CH/7CH/10CH/35CH/37CH DMX Channel modes (RGBWA)
- DMX512, master-slave and sound activated controllable or auto operation
- Rugged, die cast aluminum alloy, compact and light weight
- Noise free natural cooling system
- Front window with tempered glass
- 2 Multi-positioning brackets for floor projection or hanging projections
- Manual TILT angle adjustment
- 4-Button red LED display
- IP65 rated lockable power connectors IN/OUT
- IP65 rated lockable 3-pin XLR DMX connectors IN/OUT
- -40°C to 45°C operation temperature
- IP65 protection rating

Specifications

Input Voltage: AC90-260V 50-60Hz

LED Quantities: 7*18W 6-IN-1 LEDs (RGBWA+UV)

Control Signal: DMX512, master-slave and sound activated or auto operation

Control Channel: 2CH/5CH/7CH/10CH/35CH/37CH DMX Channel modes (RGBW)

Power Consumption: 110W

Dimensions: 76(D)*500(W)*163(H)mm

Packing Dimensions: 170(D)*700(W)*250(H)mm

Net Weight: 4.5kg

Gross Weight: 6kg

9 DMX CHANNELS

2CH Mode

Channel	Function	Value	Description
1	Color Effect	0-5	Null
		6-16	Red
		17-27	Green
		28-38	Blue
		39-49	Yellow
		50-60	Pink
		61-71	Cyan
		72-82	White
		83-93	Jump effect 1
		94-104	Jump effect 2
		105-115	Jump effect 3
		116-126	Jump effect 4
		127-137	Jump effect 5
		138-148	Jump effect 6
		149-159	Jump effect 7
		160-170	Jump effect 8
		171-181	Loops jump effect 1 to 8
		182-192	Red shade effect
193-203	Green shade effect		
204-214	Blue shade effect]		
215-225	Pink shade effect		
226-236	Yellow shade effect		
237-247	Loops red to yellow shade effect		
248-255	Sound active		
2		0-255	Speed from slow to fast

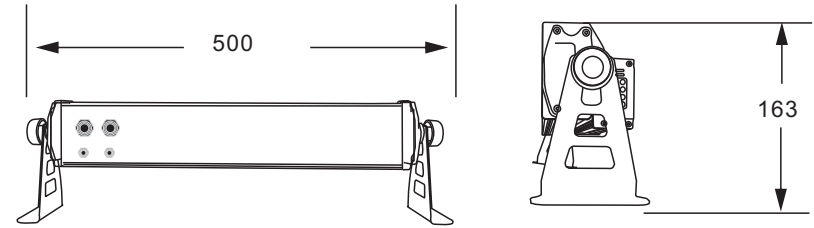
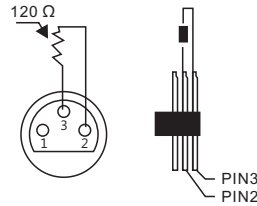
5CH Mode

Channel	Function	Value	Description
1	Red	0-255	Red Dimming,from dark to light
2	Green	0-255	Green Dimming,from dark to light
3	Blue	0-255	Blue Dimming,from dark to light
4	White	0-255	White Dimming,from dark to light
5	Amber	0-255	Amber Dimming,from dark to light

7CH Mode

Channel	Function	Value	Description
1	RGBWA	0-255	RGBW Total Dimming,from dark to light
2	Strobe	0-255	RGBWA strobe,speed from slow to fast
3	Red	0-255	Red Dimming,from dark to light
4	Green	0-255	Green Dimming,from dark to light
5	Blue	0-255	Blue Dimming,from dark to light

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.



8 MENU OPERATIONS



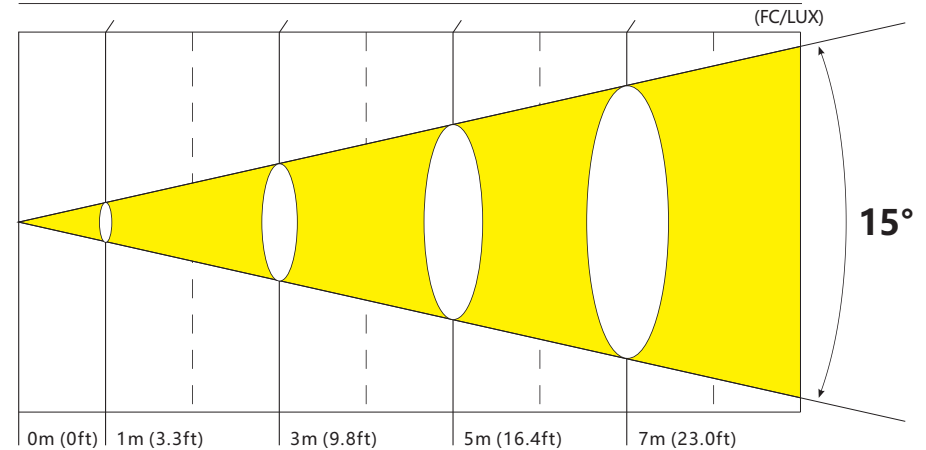
MENU : Table1 function loops add ;
UP : function value add ;
DOWN : function value decrease ;
ENTER : save the setting ;

No.	Show	Value	Function
1	A001	001-512	DMX512 address set
2	12cH	2/5/7/10/35/ 37	DMX channel mode
3	d-Ho	Ho/oF	DMX Signal loss treatment setting: Ho:Keep the last state of the signal oF:Close all the LED
4	r255	000-255	Red channel current seting, from small to bigger,from dark to bright
5	G255	000-255	Green channel current seting, from small to bigger,from dark to bright
6	b255	000-255	Blue channel current seting, from small to bigger,from dark to bright
7	u255	000-255	White channel current seting, from small to bigger,from dark to bright
8	Y255	000-255	Yellow channel current seting, from small to bigger,from dark to bright
9	P255	000-255	Purple channel current seting, from small to bigger,from dark to bright
10	FF00	00-99	Strobe speed from slow to fast
11	CL 1	1-10	Color select
12	EF 1	1-15	Internet effect select
13	SP 1	1-9	Internet effect speed select
14	SUD9	/	Sound control effect

4 PHOTOMETRIC DATA

Photometric Beam Angle Data 25° Beam Angle $LUX \times 0.0929 = FC$

R	26 / 890	40 / 430	14 / 150	8 / 85
G	139 / 1500	71 / 760	27 / 295	11 / 120
B	121 / 1300	57 / 610	18 / 190	9 / 100
W	134 / 1440	66 / 710	25 / 270	10 / 110
A	111 / 1200	53 / 570	16 / 170	8 / 90
RGBWA	539 / 5800	130 / 1400	65 / 700	28 / 300



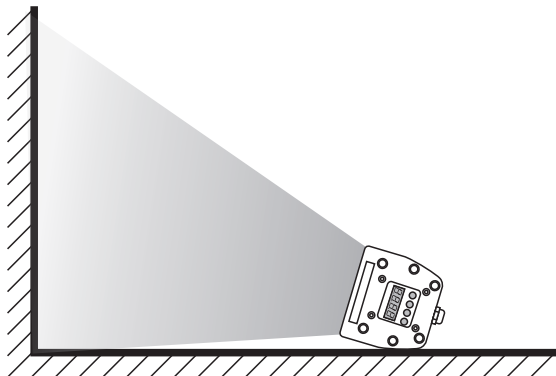
5 OPERATION INSTRUCTIONS

- The BARSHOW 718 is for wash effect for on-site decoration purpose.
- Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.
- This light should be keep away from strong shaking during any transportation or movement.

- Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
- Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.
- Make sure the installation place is in good safety condition before installing the fixture.
- Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
- Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.
- Make sure the fixture is operated by qualified personnel who knows the fixture before using.
- Keep the original packages if any second shipment is needed.
- Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
- It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.

6 INSTALLATIONS

Wall or architecture projections: You could just install the PIXARC 715IP near below the wall, projecting angles adjustable with any angles suitable for on-site requirements.



7 DMX-512 CONTROL CONNECTIONS

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the architectural. You can chain multiple Architectural together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.

DMX-512 connection with DMX terminator.

