



Make any stage the **BIG STAGE**

WELCOME TO JOIN US

USER'S MANUAL

CoralPar-P18A



**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOU INITIAL START - UP!**

1. Maintenance

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). Allow 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. to completely remove power from unit when not in use or before cleaning or servicing 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. Never 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 fixture's life.

During the initial start-up some smoke or smell may arise. This is a 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 fixtures and fuses of same type and rating only.



CAUTION!

Be careful with your operations.

With a high voltage you can suffer a dangerous electric shock when touching the wires!

2. Operating determination

Attention: The powerCON is a connector without breaking capacity, i.e. the powerCON should not be connected or disconnected under load or live!

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Before switching the fixture OFF, turn the fixture OFF and allow the fixture to cool for a while.

Never run the device without fixture!

Do not shake the device. Avoid brute force when installing or operating the device.

Never lift the fixture by holding it at the projector-head, as the mechanics may be damaged.

Always hold the fixture at the transport handles.

When choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others!

The minimum distance between light output and the illuminated surface must be more than 3 meters.

Make sure that the area below the installation place is blocked when rigging, derigging or servicing the fixture.

Always fix the fixture with an appropriate safety rope. Fix the safety rope at the correct holes only.

Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.

The fixture must never be ignited if the objective-lens or any housing-cover is open, as discharge fixtures may

explode and emit a high ultraviolet radiation, which may cause burns.

The maximum ambient temperature 45°C must never be exceeded.

3. Attention Item

- 1.For guarantee the life of product,please do not use it the place over 45 degree.**
- 2.Please don't lay the product on the un-fixable or shakable place.**
- 3.Ask for the professional to maintain the product in order to avoid the danger of get an electric shock.**
- 4.Power supply should not be changed over +&-10% while the light is using,it will be decreased the life of fixture if the power is too high,but it will be influenced the luminosity if the power is too low.**
- 5.After power off,if it is need used again,please cool down over 20 minuter.**
- 6.Please look round the manual for ensure the product can be used normally.**

4. Rigging the fixture

A structure intended for installation of the fixture(s) must safely hold weight of the fixture(s) placed on it.The structure has to be certificated to the purpose.

The fixture (fixtures) must be installed in accordance with national and local electrical and construction codes and regulation.

For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture

When rigging, derigging or servicing the fixture staying in the area below the installation place, on bridges,under high working places and other endangered areas is forbidden.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert before taking into operation for the first time and after changes before taking into operation another time.

The operator has to make sure that safety-relating and machine-technical installations are approved by a skilled person once a year.

Allow the fixture to cool for ten minutes before handling.

The projector should be installed outside areas where persons may walk by or be seated.

IMPORTANT! OVERHEAD RIGGING REQUIRES EXTENSIVE EXPERIENCE

including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the projector. If you lack these qualifications, do not attempt the installation yourself, but use a help of professional companies.

CAUTION: Fixtures may cause severe injuries when crashing down! If you have doubts concerning the safety of a possible installation, do not install the fixture!

The fixture has to be installed out of the reach of public.

The fixture must never be fixed swinging freely in the room.

Danger of fire !

When installing the device, make sure there is no highly inflammable material (decoration articles, etc.) in a distance of min. 1 m.

CAUTION!

Use 2 appropriate cfixtures to rig the fixture on the truss.

Follow the instructions mentioned at the bottom of the base.

Make sure that the device is fixed properly! Ensure that the structure (truss) to which you are attaching the fixtures is secure.

The fixture can be placed directly on the stage floor or rigged in any orientation on a truss without altering its operation characteristics.

For securing a fixture to the truss, install two safety wires which can hold at least 10 times the weight of the fixture. Use only the safety wires with screw-on carabines.

5. DMX-512 connection

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

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

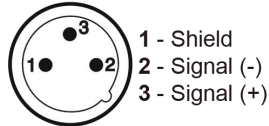
DMX - output

XLR mounting-sockets (rear view):

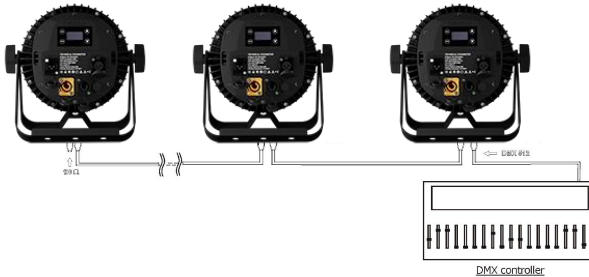


DMX-input

XLR mounting-plugs (rear view):



Building a serial DMX-chain:

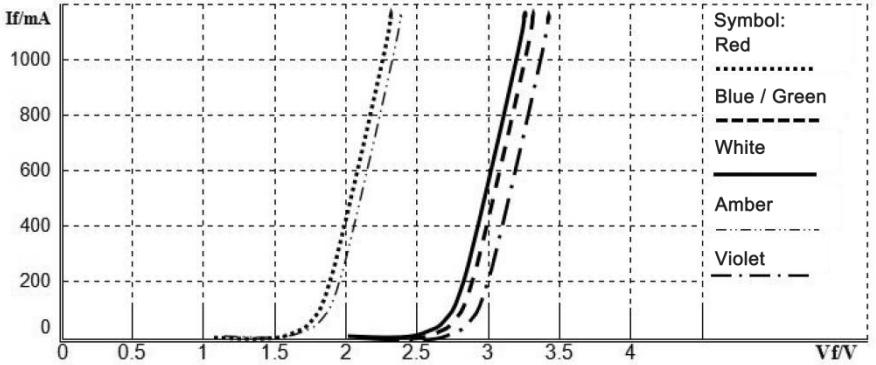


Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected. Up to 32 fixtures can be connected.

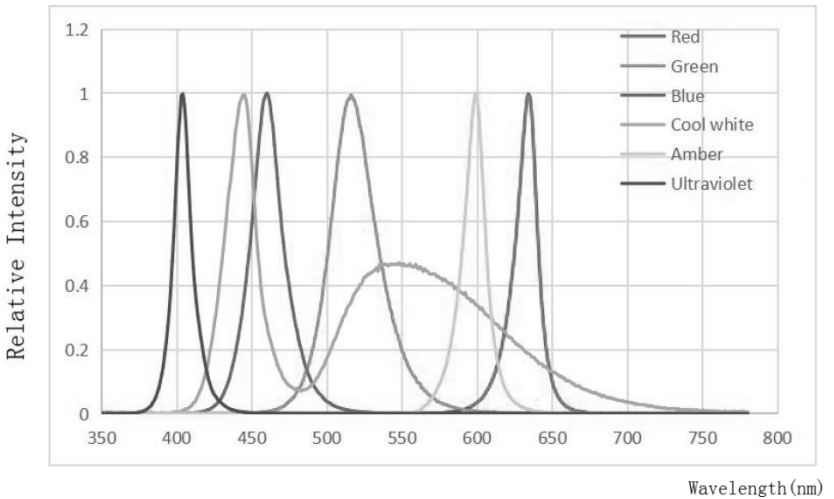
Caution: At the last fixture, the DMX-cable has to be terminated with a terminator.

Solder a 120 Ω resistor between Signal (-) and Signal (+) into a 3-pin (5-pin) XLR-plug and plug it in the DMX-output of the last fixture.

6. Current-Voltage Curves (At $T_a=25^\circ\text{C}$)



7. Spectrum Distribution (At $T_a=25^\circ\text{C}$)



8. Technical Specifications

Light source parameters	
Dimmer:	0-100% linear dimming
Light Source:	18x12W RGBWA UV 6in1 mixing
Beam Lux:	3133 Lux / 10m
Beam Angle:	45°
Strobe:	Flash rate 0-25HZ
Color:	RGBWA UV 6in1 mixing color
Security System	
Safety Item	Over current and voltage protection
Degree Of Protection	IP65
Operating Temperature	-20°C~45°C
Interface And Control System	
Control Interface	DMX In/Out
DMX Channel	10/6CH
Power Interface	Seetronic PowerCon In/Out
Cooling System	
Cooling Method	Passive heat dissipation
Power Consumption	
Working Power	100~240V AC 50/60HZ
Power Consumption	200W
Physical Parameters	
Material:	Die cast aluminum casing
Product Size	22x22x22 cm / 8.66x8.66x8.66 inch
Product Weight	3.7 kg
Package Size	26x26x37 cm / 10.23x10.23x14.5 inch
Package Weight	4.6 kg

9. Maintenance and cleaning

It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture. Otherwise, the fixture's light-output will be significantly reduced. Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life.

A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcohol or solvents be used!

10. Main Functions



Signal indicator icon: Indicates that the DMA signal has been connected;



M/S: Indicates that the lighting fixture is currently in Master or Slave mode;



DMX: Current operating mode of lighting fixtures;



10CH: Current channel mode of the lighting fixture;



LAMP: Current signal status of lighting fixtures;

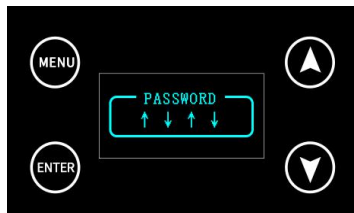


24°C: Current lamp temperature;



001: Current DMA address;

- To access the control menu s, press the [MENU] button.
- Navigate the menu structure using the [ENTER], [↑] and [↓] buttons.
- To select a menu option or to confirm a selection, press the [ENTER] button.
- To return to a higher level in the menu structure without making a change, press the [MENU] button , or wait 30 seconds



UNLOCKED

The screen will be automatically locked if there is no operation for a long time, and can be unlocked by pressing the [↑ ↓ ↑ ↓] button.

11. The main functions are shown below:

Menu	Value		Function
System Set	DMX Address	001-512	Set DMX Address
	Channel Set	6CH	6CH DMX channel mode
		10CH	10CH DMX channel mode
	Linear	Fast	Dim mode Fast
		Slow	Dim mode Slow
	Hostsign	Hold	Keep the lighting fixtures in their current state if DMX signal stops
Clear		Fixture blacks out if DMX signal stops	
Manual Color	Dim	000-255	Dimming
	Red	000-255	Red dimming 000-255
	Green	000-255	Green dimming 000-255
	Blue	000-255	Blue dimming 000-255
	White	000-255	White dimming 000-255
	Amber	000-255	Amber dimming 000-255
	Violet	000-255	Violet dimming 000-255
	Strobe	000-255	Strobe 01-99
Auto Effect	Color	00-32	Color 00-32
	Breath	01-08	Breathing mode (1-8 select color)
	Jump	*	Auto mode 1
	Fading	*	Auto mode 2
	Pulse	*	Auto mode 3
	Speed	00-15	Auto mode speed
	Sound	01-09	Sound mode
	Sound Sen	00-15	Sound mode sensitivity
System State	System Temp		Display the temperature of the current lighting fixture
	Screens	On /Off	Screen lock On or Off
	Language	EN/CH	Select English or Chinese
	Version	6H02	Display the current version of the lighting fixture
	Reset		Reset the device to the factory settings

12. DMX channel mode

DMX Channel Summary-10 Channels Mode

Channel	Value	Function
CH1	0-255	Total Dimmer
CH2	0-255	Red
CH3	0-255	Green
CH4	0-255	Blue
CH5	0-255	White
CH6	0-255	Amber
CH7	0-255	Violet
CH8	0-255	Strobe
CH9	0-5 6-50 51-70 71-90 91-110 111-120 121-130 131-150 151-170 171-190 191-210 211-230 231-250 251-255	No function Color mode ,Color controlled by CH10 Breathing mode-Red Breathing mode-Green Breathing mode-Blue Breathing mode-White Breathing mode-Amber Breathing mode-Violet Breathing mode-Light blue Breathing mode-Full power Auto mode-Jump Auto mode-Fading Auto mode-Pulse Sound mode
CH10	0-255	Auto mode speed

DMX Channel Summary-6 Channels Mode

Channel	Value	Function
CH1	0-255	Red
CH2	0-255	Green
CH3	0-255	Blue
CH4	0-255	White
CH5	0-255	Amber
CH6	0-255	Violet