



STAGEPAR HEX18

User Manual



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Safety

Important Safety Information

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT OVEREXPOSE THIS FIXTURE TO RAIN OR MOISTURE.

WARNING: CONNECT ONLY TO MAINS POWER SUPPLY WITH A PROTECTIVE EARTHING CONNECTION.

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE THE REAR COVER OR ATTEMPT TO OPEN THE LIGHTING FIXTURE. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

1. Read this manual carefully.
2. Keep this manual safe for future reference.
3. Follow all warnings and recommendations.
4. Do not operate or store near water.
5. Do not expose the fixture to dripping or splashing liquid, and ensure that no objects containing liquid are placed on this fixture.
6. Clean only with a dry cloth.
7. Do not install or operate near any heat sources such as radiators, gas heaters, stoves, or other heating apparatus.
8. Only use attachments and accessories specified by the manufacturer.
9. Do not block any ventilation openings, including sound ports.
10. Install in accordance with the manufacturer's instructions.
11. Do not obstruct or remove the ground plug from the speaker, doing so may cause electric shock resulting in serious injury or death.
12. Protect the power cord from being walked on, pinched, or rolled over.
13. Unplug the fixture during electrical storms and power outages.
14. Refer all servicing to a qualified service technician. Servicing is required when the fixture no longer operates, fails to power on, or emits an electrical smell or sound.
15. To completely disconnect AC power from this fixture, the power supply cord must be unplugged.

Precautions

If an AVE lighting fixture is used outdoors on a sunny day, ensure that it is in a shaded area and is well ventilated to help prevent overheating.

Do not use AVE lighting fixtures in environments that are below 0°C OR exceed +40°C.

Suspension

Suspending any object is potentially dangerous and should only be attempted by qualified individuals with thorough knowledge of the techniques and regulations for suspending objects. It is the responsibility of the installer to ensure all fixtures and effects are installed correctly. AVE strongly recommends inspecting installed systems every 6 months for signs of weakness or damage. If any damage or weakness is detected then remedial action should be taken immediately. The user is responsible for making sure the wall, ceiling, or structure is capable of supporting all objects suspended overhead. Any hardware used to suspend a loudspeaker not associated with AVE is the responsibility of others.

Description

The AVE StagePar-Hex18 is a robust professional LED par can that is designed to give you the flexibility and power your event or stage needs. Featuring 18x 12W LED diodes each with Hex-colour technology (RGBAWUV) allowing you to mix and create any colour. The par is built into a robust aluminium housing that helps to dissipate heat during operation, and with a dual yoke for safely hanging the fixture or floor mount with ease.

The Stage Par-Hex18 is supplied out of the box with 'Auto' programs including a 'sound active' mode for plug-and-play operation with an amazing visual effect. The Stagepar Hex18 can also be controlled via DMX for integration into larger lighting shows and setups with either the 3-pin or 5-pin connectors.

Features

- Solid aluminium housing
- Professional Power-Con style connectors
- 18x Bright 12W LEDs
- Hex Colour diodes (RGBAWUV) for full spectrum mixing
- Supports both 5-Pin and 3-Pin DMX connections
- Built-in Auto programs; Fade / Flash / Sound
- Static colour setting
- Master / Slave operation
- Dual Yoke

Setup

To set up your AVE Stagepar Hex18 follow the below steps;

1. Mount the item on your lighting stand or on the floor
2. Connect the AC power cord from a grounded mains 240v power source.
3. Power the fixture/s on from the mains socket
4. Select the desired operation mode and press enter

Power Linking

The Stagepar is fitted with a PowerCon input (blue) and PowerCon output(white) that allows you to power multiple pars from one (1) mains power connection.

To power link your fixtures;

1. Ensure the mains power is off and unplugged from the wall
2. Connect the white output connector from the first fixture and connect to the power input of the second unit ensuring that the connector locks into place
3. Repeat step 2 for each additional fixture

Mounting

The Stagepar is fitted with a Dual yoke that can be separated and used as a floor stand for use on flat & sturdy surfaces.

For hanging the fixture to a lighting stand or trussing, simply attach a lighting clamp to the outer yoke, ensuring that the clamp is tightened to prevent unwanted movement.

Next, attach a safety wire* through the eyelets located on the rear panel of the fixture. Secure the safety cable to the stand or trussing.

**This is a secondary fall arrest; in the event the yoke or clamp fail, the fixture is safe from causing serious injury or damage*

Operation

To access the menus and functions of the StagePar, use the four (4) buttons located under the main control screen.

Button Label	Function
Menu	Press to access main menu, or change function once the fixture is on
Up	Cycles upwards through the menu and options
Down	Cycles downwards through the menu and options
Enter	Press to select a menu option or save a setting

Menu Map

Main Level	Program Level	Description
Addr	1 – 512	DMX Address Value
Chnd	6Ch	6 Channel DMX Mode
	10Ch	10 Channel DMX Mode
SLnd	nASt	Master
	SL1	Slave Mode 1
	SL2	Slave Mode2
	SL3	Slave Mode3
	SL4	Slave Mode4
Shnd	Auto	Auto Mode
	Colo	Colour Presets 1 – 24 + Strobe speed
	FAdE	Colour Fade SP1 - SP8 (speed)
	SoUn	Sound Active Mode
LED	On/Off	LED backlight Display
dISP		Invert Display
bALA	red	Red Colour Balance
	Gree	Green Colour Balance
	bLue	Blue Colour Balance
Nanu	red	Manual Red Colour 0 - 255
	Gree	Manual Green Colour 0 - 255
	bLue	Manual Blue Colour 0 - 255
	Uhbe	Manual White Colour 0 - 255
	Anbe	Manual Amber Colour 0 - 255
	uV	Manual UV Colour 0 - 255
teSt		Test all colours + All on
FhrS		Displays hours of operation

DMX Channels

6 CH Control

1 CH	Red
2 CH	Green
3 CH	Blue
4 CH	White
5 CH	Amber
6 CH	UV

10 CH Control

1 CH	0 - 255	Red
2 CH	0 - 255	Green
3 CH	0 - 255	Blue
4 CH	0 - 255	White
5 CH	0 - 255	Amber
6 CH	0 - 255	UV
7 CH	0 - 255	Dimmer
8 CH	0 - 255	Strobe (slow > fast)
9 CH	0 - 7	No Function
	8 - 255	Stepping Colour
10 CH	0 - 7	No Function
	8 - 199	Auto Colour (slow > fast)
	200 - 255	Sound Active

Specifications

Light Source:	18 x 12W Hex-Colour LED Diodes
Diode Colour:	Red, Green, Blue, Amber, White, UV
Beam Angle:	33°
DMX Channels:	6CH / 10CH
DMX Connectors:	3-Pin & 5-Pin XLR
Enclosure:	Die-Case Aluminium
Power Consumption:	200W
Power Supply:	240V AC / 50Hz
Power Connectors:	Neutrik PowerCON
Dimensions:	278 x 271 x 123 mm
Weight:	2.5 kg