‘ULSHECKLE’
LED Par User Manual
18 x 15 watt
(RGBWA+UV 6/10CH DMX)

ULS Manufacturing UK

Robust, Gel frame and barndoor holders, near silent operation

Thank you for choosing out Product

This LED Parcan can be used as a standalone fixture or controlled by 6 or 10 channels of DMX.

The fixture uses LED lamps which unlike traditional lamps are power efficient, long lasting, brighter and run at lower temperatures. Unlike other LED Pars, this model features a range of design concepts not commonly seen at this price point that make the fixture ideal for touring theatre ,entertainment and hire companies

Key Design features

Near silent operation with variable speed temperature controlled Fan, provides longevity to the fan and internal workings as little dust enters the unit.

Thick, durable aluminium casing with heavy duty yokes. Making the unit ideal for touring and hire companies.

Double yokes for up lighting applications

Simple 6 channel dmx mode for use with generic fader controlled desks in basic setups.

Advanced 10 channel dmx mode for high-end lighting controllers providing access to macros.

Fitments for Barndoors and gel frames, (available separately) providing options for adding frost filters and beam shaping.

Menu software designed for simple operation with easy dmx addressing but also providing advanced access to the user to change detailed settings.

Features & Specifications

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- 18x RGBWA+UV 6 IN 1 LED Lamps
- 16.7 Million RGB Colour range
- 25° Beam Angle, 15° degree or 40°
- 50,000 Hour Lamp Rating
- 0-100% regulated dimmer with constant colour control
- 10 flashes per second Strobe (any colour)
- Power Rating: DC 24V/200W
- Input Voltage: AC 90-240V, 50-60Hz
- 4 Figure LCD Display with auto time out
- Near silent operation with variable speed temperature controlled fan
- IP20 Water Resistant Rating
- Robust Aluminium Casing
- Max. Ambient Temperature: 45°C
- Packing Size: 25x25x38 cm
- Net Weight: 4Kg
- Gross Weight: 5Kg

Operation

There is a 4-figure LCD display on the rear. Below this there are 4 buttons; MENU, UP, DOWN and ENTER. The display will turn off after 30 Seconds of inactivity. Press the MENU button to wake the display. MENU and/or UP, DOWN are used to cycle through the different functions and ENTER is used to select a function or confirm a selection.

NOTE: The letter M appears like an N on the display

Display	Function	Description
ADDR (Address)	Set DMX Address (1-512)	Press ENTER to edit the value and use UP and DOWN to change the value. The display will flash until the value is set by pressing ENTER.
CHAN (Channel)	Set DMX channel mode (6CH/10CH)	Press ENTER to edit the channel and use UP or DOWN to select the channel. The display will flash until the channel is set by pressing ENTER.
AUTO	Change the pre-set FADE – Fades through colours. CHCL – Cycles through colours. STRO – Strobes the light. SOUN – Light will react to sound. See SENS for setting the sensitivity.	Press ENTER to change the pre-set. Pre-set name will flash until ENTER is pressed to select it. For all pre-sets except SOUN the speed needs be set after the pre-set has been selected. The display will show SP followed by a 2-digit value, the higher the value the faster the speed.
COLO (Colour)	Manually set a solid colour RED (0-255) GREE (Green) (0-255) BLUE (0-255) UHLT (White) (0-255) AMBE (Amber)(0-255) PURP (Purple)(0-255) STRO(Strobe)(0-255) 0 is no strobe.	Press ENTER and use UP or DOWN to choose which colour to edit. Press ENTER to edit the values for each colour and use UP or DOWN to change the value (0-255). Press ENTER to confirm the value.
Mast Slave	Specify if the fixture is a master or slave. MAST / SLAV	Press ENTER and then UP or DOWN to select a value. Press ENTER to confirm the selection.
SENS (Sensitivity)	Set the sensitivity for when the light is in the SOUN pre-set. (0-100) 0 is least sensitive	Press ENTER and then UP or DOWN to select a value. Press ENTER to confirm the selection.
DELY (Delay)	Set the delay fade curve. To simulate the fade out of tungsten light sources 0 = leds follow dmx with no delay 100 = slow fade decay	Press ENTER and then UP or DOWN to select a value. Press ENTER to confirm the selection.
TEST	Can be used to test each colour RED GREE (Green) BLUE UHLT (White) YELL (Yellow) PURP (Purple) 8.8.8.8. (All LEDS on)	Press ENTER and then UP or DOWN to select a value. It will stay on the value selected until MENU or ENTER is pressed.
BALA (Balance)	Sets the maximum DMX value for each colour (0-255). Password: 240 enter this value to access these settings. BRED (Balance Red) BGRE (Balance Green) BBLU (Balance Blue) BWHI (Balance White) BAMB (Balance Amber) BPUR (Balance Purple)	Press ENTER and then use UP or DOWN to enter the password: 240 and press ENTER to confirm. Then use UP or DOWN to cycle through each colour in the list. Press ENTER to view the current value and then press UP or DOWN to change the value. Press ENTER to confirm the new value. Use MENU to return to the main menu.
TEMP (Temperature)	Displays the current temperature of the fixture in ˚C T 000-999	Press MENU to return to the previous screen.
STEM (Set Temperature)	Custom fan control option OFF ON (10-45)	Press ENTER to configure, ON or OFF will flash on the display. Press ENTER to confirm the selection, if ON was selected then a value will flash on the display. This is the temperature at which the fan will start running. 36°C is recommended.
VER (Version)	Displays the current software version.	Press ENTER to view the current software version. Press MENU to return.

Safety

- Ensure that the fixture isn't forced to run higher or lower than its operating voltage.
- Check that the plug and cable aren't damaged or broken before powering the fixture.
- Disconnect the fixture from power before cleaning.
- Ensure that there is no flammable material in proximity to the fixture during operation.
- Do not modify or repair the fixture. This should only be done by a qualified engineer.

Cleaning

Smoke or fog residue and dust will build up internally and externally on the fixture. Cleaning should be carried out periodically to ensure optimum light output.

- Use glass cleaner and a soft cloth to wipe off the casing and LED lenses.
- Ensure that the fixture is dry before plugging in.

The frequency that the fixture will need to be cleaned will vary based on the operating environment.

10CH DMX Values and Functions

DMX Channel	Value Range	Function
1	0-255	Dimmer
2	0-255	RED
3	0-255	GREEN
4	0-255	BLUE
5	0-255	WHITE
6	0-255	AMBER
7	0-255	UV (Purple)
8	0-255	STROBE (0 is no strobe?)
9	0-255	0-15 Function? 16-127 Cycle Colours 128-255 Fade Colours
10	0-255	Speed for function

6CH DMX Values and Functions

DMX Channel	Value Range	Function
1	0-255	RED
2	0-255	GREEN
3	0-255	BLUE
4	0-255	WHITE
5	0-255	AMBER
6	0-255	UV (Purple)

Rear Panel

5 pin or 3 pin xlr versions available

Power lead or powerconn connector versions available

ULS Manufacturing is a trading name of Ultra Light & Sound Limited.

UK based with readily available spares and new units in the UK.

Our engineers have a detailed knowledge and are able to provide technical support both over the telephone, email and at our UK Headquarters.

Our ethos is to be able to maintain service and extend product life and minimise the “beyond economic repair” approach, helping reduce waste and saving time, money and the environment.

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WEE Declaration

	This symbol indicates that this piece of electrical equipment must be disposed of separately from normal waste at the end of its operational life. Please dispose of this produced by contacting ULS manufacturing or taking it to your local recycling or collection centre.