HPWash100

High Power Stage Blinder

Item ref: 154.050UK

User Manual

> Please read through this manual thoroughly before use, any damage
> caused by misuse of product will not be covered by warranty.

Thank you for choosing the HPWASH100, a powerful 100W white LED stage-blinder for a fully controllable light wash to stage or audience. Linear dimming control via DMX or internal programs can provide a smooth or immediate transition from blackout to full brightness. Housed in an all-metal casing with fan cooling for durability and reliable operation.

In the box:

Your HPWASH100 should arrive with you in a single carton in good condition. The carton should contain 1 x main unit with bracket, 1 x UK IEC mains lead and 1 x manual.

Warning:

To prevent risk of fire or electric shock, do not expose the unit to rain or damp environments. In the event of a spillage, disconnect the mains and allow the unit to dry out naturally. Qualified personnel should then check the unit before continuing use.

Please do not open cover, contains high voltage. This product is not serviceable or repairable by the end user. Please refer to qualified personnel for service and repair.
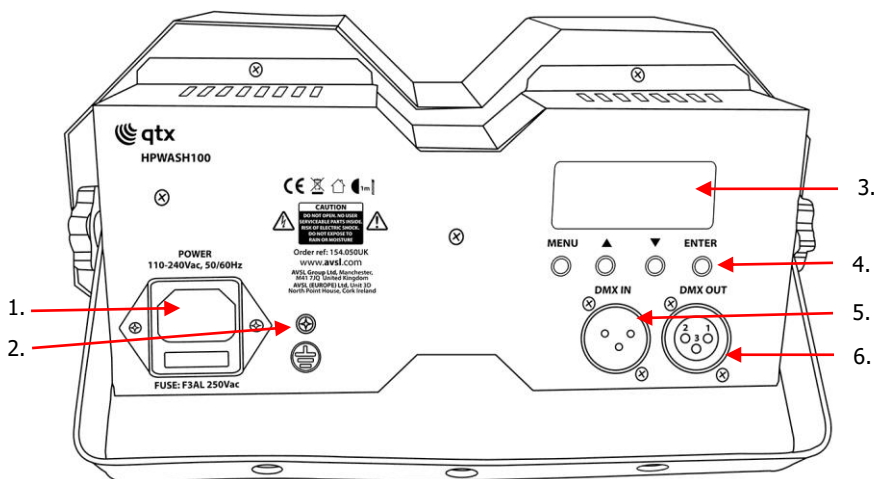
Placement:

- Use the included mounting bracket to fix to a stand or lighting truss
- Use secondary safety fixings if mounting overhead.
- Keep away from damp or dusty environments
- Ensure adequate air-flow around the fixture housings
- Ensure adequate access to controls and connections

Cleaning:

- Use a soft cloth with a neutral detergent to clean the casing as required
- Use a vacuum cleaner to clear ventilation grilles of any dust or debris build-ups
- Do not use strong solvents for cleaning the unit

Rear panel controls:

1. IEC mains in (Fused)
2. Earth screw (DO NOT REMOVE)
3. LCD display
4. Manual control buttons
5. DMX signal in
6. DMX signal out

Manual control menu:

Press the "**MENU**" button to enter the settings menu.
Press "**UP**" and "**DOWN**" buttons to navigate through various setting functions.
Press "**ENTER**" button to confirm the desired setting.

Menu	Function	Description
d0xx	d001-d512	DMX address settings
Auxx	Au01-Au03	Auto master modes left, right and both lamps
	Au04-Au05	Auto master colour jump and scroll
	So01	Sound activated colour jump constant
	So02	Sound activated colour jump strobe
Stxx	St00	Auto master constant (Au01-Au05)
	St01-St16	Auto master strobe from slow to fast (Au01-Au05)
Snxx	Sn01 - Sn16	Sound activation speed adjust from slow to fast (So01 & So02)
Spxx	Sp01-Sp16	Auto master speed control (Au04 & Au05)
U0xx	u001-u255	White max brightness set low to high

DMX mode:

The HPWASH100 can be controlled by DMX signal, simply connect the DMX signal source to the DMX input on the unit via a balanced XLR lead. Extra fixtures can be controlled by the same DMX signal by looping through the DMX out on the unit. To enter DMX mode, select D001 from the menu and confirm the correct start address by using the "**UP**" and "**DOWN**" buttons and "**ENTER**" to confirm.

This unit has 6 DMX channels as indicated in the table below:

Channel	Channel address	Function
CH1	0-255	Master dimmer – low to high
CH2	1-255	Strobe – Slow to fast
CH3	1-255	Macro effects selection
CH4	0-255	Macro effects speed adjust – slow to fast
CH5	0-255	Right lamp white dimmer – low to high
CH6	0-255	Left lamp white dimmer – low to high

Specifications:

Power supply	110-240Vac, 50/60Hz (IEC)
Power consumption	100W
Fuse rating	F2AL, 250Vac
Light source	2x 50W White LED
DMX channels	6
Beam angle	40°
Housing	Full Metal, powder painted.
Dimensions	270x135x125mm (Without bracket)
Weight	1.52kg

Troubleshooting:

No power (mains)	Check mains voltage is correct and outlet is switched on
	Check IEC lead and fuse (if fuse continually blows, refer to your dealer)
No light output	Check control panel mode settings
	Check DMX settings from controller (dimmer levels, blackout etc.)
No strobe output	Check strobe settings on control panel or from DMX controller
Unresponsive to DMX	Check that unit is in DMX mode and ensure DMX address remains lit to confirm receiving DMX signal
	Check DMX controller is not set to black out
	Check DMX controller is on correct fixture/page
	Check master dimmer value
	Check correct DMX address is set
	Check DMX connection and leads
Overheating/ cutting out	Ensure adequate ventilation and unit is not too close to a heat source

This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life.
The goods must be disposed of according to your local council guidelines.