

User Manual



MAD PAR HEX 4S



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IR Remote control instructions :

BLACK OUT Mode

Press <BLACK OUT> off existing modes. Press <BLACK OUT> return the last modes.

AUTO Mode

Automatic mode will enable you to run the automatic programs on the product.

To turn on Automatic mode:

1. Press <AUTO> on the remote controller.
2. Press <+> or <-> to choose between the different auto programs.

SOUND Mode

Sound-Active mode will enable the product to respond to the music.

To turn on Sound-Active mode:

1. Press <SOUND> on the remote controller.
2. Press <+> or <-> to choose between the different sound programs.

STROBE Mode

To adjust the strobe speed of the automatic program and the sound active program.

1. Press <STROBE> on the remote controller.
2. Press <+> or <-> to either increase or decrease the speed of the program.
3. Press <STROBE> again to turn off the strobe.

FADE Mode

It is a color gradient mode.

1. Press <FADE> on the remote controller.
2. Press <FADE> again to turn off the Fade mode.
3. Press <+> or <-> to either increase or decrease the speed of the program.

MANUAL Mode

1. Press <MANUAL> on the remote controller.
2. Press <R>, <G>, , <W>, <A> or <UV> (red, green, blue, white, amber or uv) to choose your colour.
3. Press again <R>, <G>, , <W>, <A> or <UV> (red, green, blue, white, amber or uv) to close your colour.
4. Press <+> or <-> to either increase or decrease the percentage of each colour.

% Mode

Adjust the brightness of RGBWAUV color , press the 1st time , it is 10% brightness , press the 2nd time , it is 20% brightnesspress the 10th time , it is 100% brightness .

NUMBER 0-9

To adjust the brightness value of the automatic program, the Sound active program and Manual Mode.

Press digit <1> to <9> to change different brightness on the device.

The remote control is supplied with a battery inserted. An insulating foil between the battery and the battery contacts prevents the battery from being discharged during storage. Prior to the first operation remove the foil from the battery support on the rear side of the remote control. Otherwise operation of the remote control is not possible.

SENSITIVITY Mode

To adjust sound sensitivity for in Sound-Active mode

1. Press <SENSITIVITY> on the remote controller.
2. Press <+> or <-> to either increase or decrease sound sensitivity.

SPEED Mode

No function



Wireless DMX Control instructions :

Set up wireless DMX

The fixture needs to be paired from the wireless DMX transmitter. Follow below steps to pair.

Step 1: Connect the DMX512 controller to the wireless DMX transmitter.

Step 2: Switch on the device , turn on the wireless DMX control on from control panel 'rfon'

Step 3: Set the device to DMX mode. (AXXX or dXXX)

Step 4: Switch off the device. Press and hold the 'DMX select' button whilst switching on the fixture.

Once the fixture turns on the 'wireless status' light will be lit white and the unit will be in 'setup mode'.

Step 5: The 'wireless indicator' will be lit to a specific colour to indicate the protocol being used for the transmission as shown in TABLE1. Pressing the button will cycle through the colours and once you want to set the protocol pressing the button for more than 1s will save the protocol. The transmitters, receivers and transceivers will remember the protocol used even after a power cycle with their built in memory chip.

Now you need to setup as for WDMX mode or EL mode

Protocols TABLE1

Color	Protocol
RED	ELDMX Transmit and receive
GREEN	W-DMX Receive
BLUE	W-DMX G3 Transmit
YELLOW	W-DMX G4 Transmit
PURPLE	GZ Receive * (* Receiver only)

Using W-DMX mode

Transmitters

Pressing the button momentarily will connect to all unconnected receivers in the coverage area.

Pressing the button for more than 3s will disconnect all receivers in the coverage area.

Receivers

Pressing the button for more than 3s will disconnect the device with a transmitter.

NOTE:

The colour of the light will indicate the group as shown in Table2.

The receiver will not connect with a new transmitter unless it is disconnected first.

W-DMX Status Indicators TABLE2

Protocol	Action	Description
W-DMX Receive	White	No connection
	Red	Deleting Connection
	Red Fast Flash	Connection Lost
	Green Fast Flash	Connecting to Transmitter
	Green Slow Flash	Connected but no DMX signal
	Green	Connected with DMX signal
W-DMX Transmit	Red	Deleting All Receivers
	Blue Fast Flash	Connecting with the receivers
	Blue Slow Flash	No DMX input
	Blue	Transmitting DMX

Using EL wireless DMX mode

Changing Channel Group

Pressing the Button will show you the current channel group being used and pressing it again will cycle through the groups. The colour of the light will indicate the group as shown in Table3.

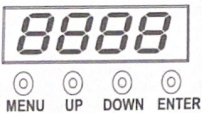
Status Indicators TABLE3

Protocol	Action	Description
ELDMX / GZ	Solid color (red,green,blue, yellow,cyan,magenta,white)	1 of the 7* color groups (*7* white only in GZ mode,6in WIDMX modes)
	Flashing Red	Transmitting DMX
	Flashing Green	Receiving DMX

Setting DMX512 console channel address:

After starting DMX512 console, etc. LCD display console initialization has been completed, press Program key, until the top of the light is flashing, then press the button below channel 1, channel 1 indicator light DMX512 console's address is 10000000, to promote channel faders can be DMX512 console control. Choose DMX512 address consistent with DIP, light to enter the DMX512 control console for the state. The products selected as 10000000 DMX512 console take effect.

6.Key Description:



- MENU:** Access the menu
- DOWN:** "reduction key" or "key under the selected"; decrease the value function down menu.
- UP:** "add key" or "selection on the key"; increase the value function, shift on the menu
- ENTER:** Is used to select and confirm/store the current selection

Menu Display:

No	Display Show	Numerical value	Function and description
1	d001	001- 512	DMX512 address setting -6-channel mode
2	A001	001- 512	DMX512 address setting -10-channel mode
3	S001	001-512	DMX512 address setting -12-channel mode
4	_100	000-100	Percentage of electricity displayed
5	S-SL	SL / FA	DMX512 dimming speed setting SL: slow dimming; FA: fast dimming
6	d-Ho	Ho / oF	DMX signal loss processing mode setting: Ho: keep the last DMX signal state; oF: Turn off all LEDs
7	rFon	ON-OFF	Wireless dmx control
8	Iron	ON-OFF	IR remote control
9	r255	000 - 255	Red dimming , from dark to bright
10	G255	000 - 255	Green dimming , from dark to bright
11	b255	000 - 255	Blue dimming , from dark to bright
12	u255	000 - 255	White dimming , from dark to bright
13	Y255	000 - 255	Amber dimming , from dark to bright
14	P255	000 - 255	UV dimming , from dark to bright
15	I255	000-255	IR remote control brightness
16	FF00	000 - 255	Strobe, speed from slow to fast
17	CL01	000-255	32 kinds static color selectable
18	CC12	00- 15	Color jumping, speed from slow to fast
19	DE15	00- 15	Color Gradual change, speed from slow to fast
20	CP15	00- 15	Color Pulse change, speed from slow to fast
21	SU01	00- 25	25 Kinds Sound control effect
22	SP01	00-05	Sound control speed , The higher the sound, the faster the speed
23	SUon	No/ye	Online voice activated asynchronous switch
24	t 30	00-99	Current temperature display when not used the display will show : t --
25	VEr1	/	Version number
26	rSEt	/	Reset

DMX512 Controller Channel Function:

6 Channel (doo1):

Channel	Function	Description
CH1	R dimming	Red dimming , from dark to bright
CH2	G dimming	Green dimming , from dark to bright
CH3	B dimming	Blue dimming , from dark to bright
CH4	W dimming	White dimming , from dark to bright
CH5	A dimming	Amber dimming , from dark to bright
CH6	UV dimming	UV dimming , from dark to bright

10 Channel (A001):

Channel	Function	Description
CH1	R dimming	Red dimming , from dark to bright
CH2	G dimming	Green dimming , from dark to bright
CH3	B dimming	Blue dimming , from dark to bright
CH4	W dimming	White dimming , from dark to bright
CH5	A dimming	Amber dimming , from dark to bright
CH6	UV dimming	UV dimming , from dark to bright
CH7	Master Dimmer	RGBWAUV master dimmer, from dark to bright
CH8	Master strobe	RGBWAUV master strobe ,001-255 from slow to fast
CH9	Function selection	0—50: CH1-CH8 control 51—100: Color selectable , controlled by CH10 101—150: Color jumping; 151—200: Color Gradual change; 201—250: Color Pulse change; 251-255: Sound control
CH10	000-255	Function speed , from slow to fast (When color output , it is color selection)

12 Channel (001) :

Channel	Function	Description
CH1	R dimming	Red dimming , from dark to bright
CH2	G dimming	Green dimming , from dark to bright
CH3	B dimming	Blue dimming , from dark to bright
CH4	W dimming	White dimming , from dark to bright
CH5	A dimming	Amber dimming , from dark to bright
CH6	UV dimming	UV dimming , from dark to bright
CH7	Master Dimmer	RGBWAUV master dimmer, from dark to bright
CH8	Master strobe	RGBWAUV master strobe ,001-255 from slow to fast
CH9	Function selection	0—50: CH1-CH8 control 51—100: Color selectable , controlled by CH10 101—150: Color jumping; 151—200: Color Gradual change; 201—255: Color Pulse change;
CH10	000-255	Function speed , from slow to fast (When color output , it is color selection)
CH11	Sound Control	001-010 : Red 011-020 : Green 021-030 : Blue 031-040 : White 041-050 : Amber 051-060 : Red + Green 061-070 : Red + Blue 071-080 : Red + White 081-090 : Red + Amber 091-100 : Green + Blue 101-110 : Green + White 111-120 : Green + Amber 121-130 : Blue + White 131-140 : Blue + Amber 141-150 : Red + Green two color change sound control 151-160 : Red + Blue two color change sound control 161-170 : Red + White two color change sound control 171-180 : Red + Amber two color change sound control 181-190 : Green + Blue two color change sound control 191-200 : Green + White two color change sound control 201-210 : Green + Amber two color change sound control 211-220 : Blue + White two color change sound control 221-230 : Blue + Amber two color change sound control 231-240 : R + G + B + W 4 color change sound control 241-250 : R + G + B + W + A +RG 6 color change sound control
CH12	Sound Speed	000-255 Sound Speed selectable

Technical Specifications :

- Light Source: 4 x 12W Hex RGBWA+UV LEDs
- (6in1 Red Green Blue White Amber and UV LEDs)
- Smooth RGBWA+UV Color Mixing Programs
- Built-in Wireless DMX Technology
- Rapid Recharge Time: 3 hours
- 6 & 10 & 12 DMX Channels Beam Angle: 40°
- Master/ Slave DMX in/out via RJ45
- Multi-voltage Operation: 110-240V, 50HZ/60HZ
- Dimension: 6.88" x 6.88" x 6.67" / 175 x 175 x 195 mm
- Weight: 4.6 lbs / 2.1 kgs
- Made in P.R.C.

Customer Service

The JMAZ Lighting Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact JMAZ lighting Customer Service representative via email support@jmazlighting.com or call us at (626) 380-0883.