

UPLIGHT INSTRUCTIONS

JMAZ - MAD PAR HEX 4S



JMAZ MAD PAR HEX 4S <Uplight>

1. WIRELESS DMX SETUP & OPERATION

1a, Tap 'MENU' button until rFon or rFoF appear. Use arrows to select *rFon*.



1b. Tap 'MENU' button until DMX address menu appears. Like the adjacent picture, it should say **A430 to sync all uplights at once. Further process required to program individual fixtures (multi-color uplight design).**

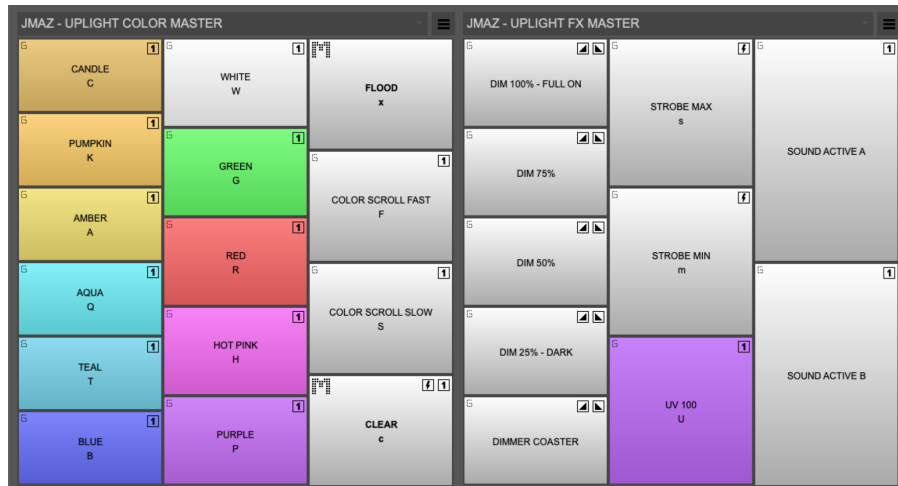


1c. Connect ShowXpress 512 (silver box with SMP logo in picture to the right) or similar dongle to laptop via USB. Connect male-to-male adapter (round silver connector extending from right side of the dongle pictured above) between ShowXpress dongle and WI-MAZ Wireless DMX Transceiver (round black antenna top, right of pic above w/ red button in center) or similar.

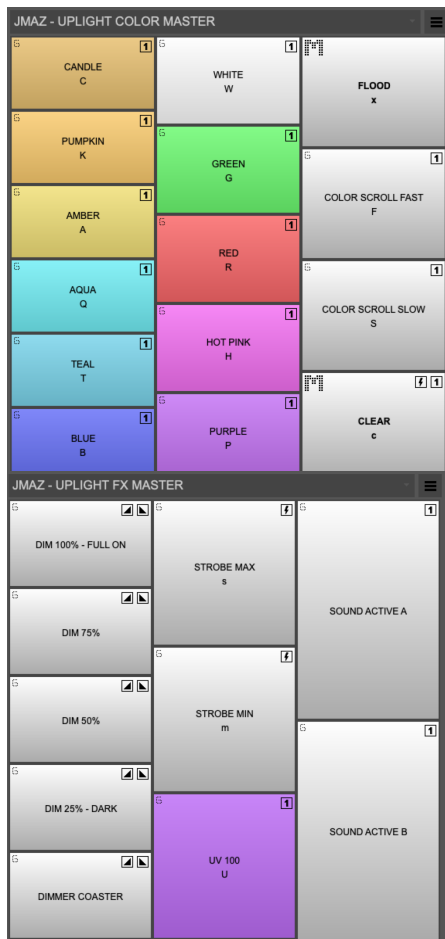


1d. Open TheLightingController software (may also be called ShowXpress) and Open Light Show (top menu) >> *UPLIGHTS PRIMARY - JMAZ*. Make sure the DMX OUTPUT symbol (circle w/ green line under above) is clicked **green.**

2. Operating the Uplighting Software



2a. Uplight control software has two 'windows' or 'pages' as ShowXpress calls them. They're in all caps in the pic above. One is the color master. One is the FX master. There's a LOT of tricks built into these buttons...



All Primary Colors are SHIFT + __ controlled.

Example: to change all uplights to white, hold the SHIFT key and then tapping the letter corresponding to your color choice.

2 Emergency Keys are Here FLOOD and CLEAR

FLOOD: x key; all units full white 100% brightness

CLEAR: c key; all units release every button 'OFF'

Smooth Luminosity Dimming

Fading in/out transitions

DIM 100% - full brightness

DIM 75% - $\frac{3}{4}$ brightness

DIM 50% - $\frac{1}{2}$ brightness

DIM 25% - lowest brightness

Strobe Flash Buttons

Only active while button pressed

STROBE MAX - fastest flicker

STROBE MIN - slowest flicker

UV - Black Light

U key; neon-responsive ultraviolet light

2a continued...

Sound Active Mode

Light chase patterns follow beat of sound

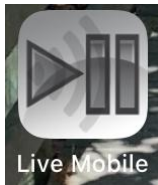
A&B - Two different pallets of color of lights fast-jumping to the beat of the music/subwoofer. *Not ideal when lighting laptop/controls are behind DJ booth and not front of house (FOH) in the crowd.*



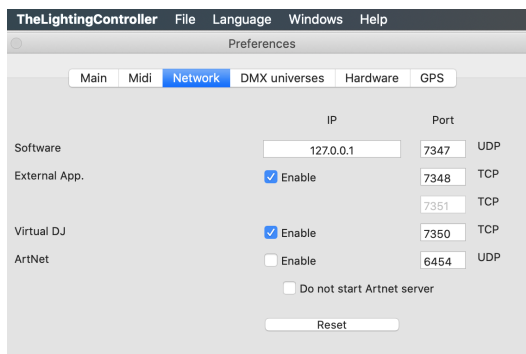
If fixture(s) are not responding, make sure all are set to channel A430 and wireless DMX control is on via: 'rFon' setting.

More steps on this in the index at the end.

3. iOS APP CONNECTION **Not Required for normal uplight functions*

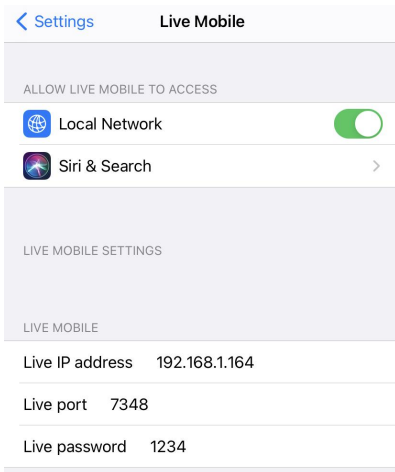


3a. Make sure both devices are on the same wifi network & open LIVE MOBILE app on an iOS device. If the app does not connect to laptop software automatically, open iOS SETTINGS on your mobile device and PREFERENCES for The Lighting Controller/ShowXpress software. (Top left menu: THE LIGHTING CONTROLLER >> PREFERENCES >> NETWORK):



3b. In the laptop software, tick the box to the right of EXTERNAL APP. Do not touch any of the numerical values.

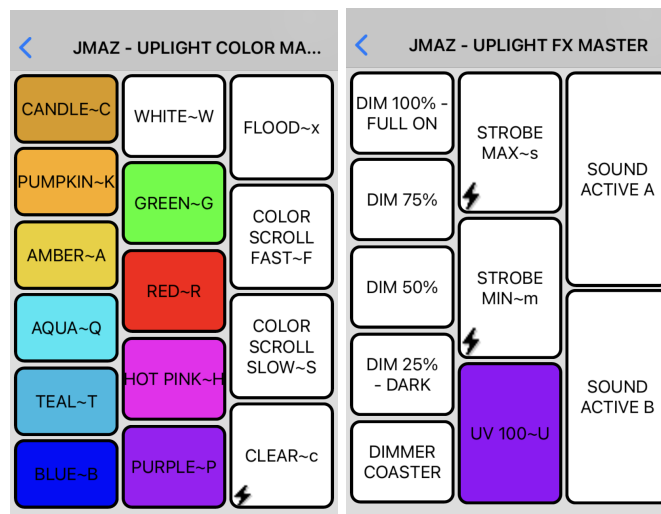
3c. Copy the very bottom IP address *in the box under the 'reset' button*. Also note the Port# in the same line as the External App box from 3b.



3d. In iOS SETTINGS >> LIVE MOBILE >> LIVE IP ADDRESS enter the exact IP address you copied from the laptop software in the LIVE IP ADDRESS field. Enter the Port number from 3c in the LIVE PORT field in your iOS SETTINGS. You may exit/close this screen. Settings auto-save.

If you can not connect to the software, first check both devices are on the same non-enterprise WiFi and then check the laptop for firewalls that may prevent app access to control the laptop.

4. Controlling the Uplighting iOS App



4a. The iOS app runs just like the software. 2 Pages; One is the color selection/changing page and the master FX page with brightness dimming controls, strobe FX, black light and the lazy man's sound active modes.

Warning: It does glitch. Keep an eye out on the lighting behavior if you use the app and do not ever let a strobe setting trigger too long. This is an epilepsy danger. Use the 'CLEAR' button on Page 1 - JMAZ - UPLIGHT COLOR MASTER to stop all uplight functions.

end of instructions

INDEX

INDEX1: MENU DISPLAY VALUES AND DESCRIPTIONS FOR MAD PAR HEX 4S

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	_100	000-100	Percentage of electricity displayed
4	S-SL	SL / FA	DMX512 dimming speed setting SL: slow dimming; FA: fast dimming
5	d-Ho	Ho / oF	DMX signal loss processing mode setting: Ho: keep the last DMX signal state; oF: Turn off all LEDs
6	rFon	ON-OFF	Wireless dmx control
7	Iron	ON-OFF	IR remote control
8	r255	000 - 255	Red dimming , from dark to bright
9	G255	000 - 255	Green dimming , from dark to bright
10	b255	000 - 255	Blue dimming , from dark to bright
11	u255	000 - 255	White dimming , from dark to bright
12	Y255	000 - 255	Amber dimming , from dark to bright
13	P255	000 - 255	UV dimming , from dark to bright
14	l255	000-255	IR remote control brightness
15	FF00	000 - 255	Strobe, speed from slow to fast
16	CL01	000-255	32 kinds static color selectable
17	CC12	00- 15	Color jumping, speed from slow to fast
18	DE15	00- 15	Color Gradual change, speed from slow to fast
19	CP15	00- 15	Color Pulse change, speed from slow to fast
20	SU15	00- 15	Sound control ,Voice sensitivity from low to high.
21	t 30	00-99	Current temperature display when not used the display will show : t ---
22	VEr1	/	Version number
23	rSEt	ON-OFF	Reset

INDEX2: DMX 512 CHANNEL FUNCTIONS FOR MAD PAR HEX 4S

10 Channel mode via: "A430" menu setting + ENTER

DMX512 Controller Channel Function:**10 Channel:**

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 ,from slow to fast
CH9	Function selection	0—50: no function 51—100: 15 kinds of color output., controlled by CH10 101—150: Color jumping; 151—200: Color Gradual change; 201—250: Color Pulse change; 251-255: Sound control
CH10 ((Ch9 set 051-100))	000-015	N Function
	016-031	R
	032-047	G
	048-063	R+G
	064-079	B
	080-095	R+B+UV
	097+111	G+B
	113+127	R+G+B+A+UV
	129+143	W
	145+159	R+W
	160+175	G+W
	176+191	R+A
	192+207	B+W+UV
	208+223	R+B+W+UV
	224+239	G+B+W
	240+255	R+G+B+W+A+UV
CH10 (Ch9 set 101-150)	000-255	Select auto run speed for (CC, dE and CP) from slow to fast
CH10 (Ch9 set 251-255)	000-255	Select sound sensitivity level for sound active mode (SU) form low to high

INDEX 3: 6 CHANNEL DMX SETTINGS & MAD PAR HEX 4S TECHNICAL SPECS

6 channel mode via : "d430" menu setting + ENTER

6 Channel:

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

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 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.

INDEX 4: USING THE INFRARED (IR) REMOTE



Use the 'MENU' button to tap through until you hit "I ron" or "I roF" and use the up/down arrows to select 'I ron' and press ENTER.

Aim the IR remote at the unit and select a function. **Not all lights may react to the short range IR remote and may need you to re-sync.*

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

