



QUAD PHASE HP



User Instructions



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ADJ Products, LLC and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.

FCC compliance statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC warning

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check www.adj.com for the latest revision/update of this manual

Date	Document Version	Software Version	DMX Channels	Notes
12/18/2020	1.0	1.1	4	Initial Release.
09/13/2021	1.1	N/C	No Change	Update DMX Traits and Installation, added RGBW Value.

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use.

Thank you!

Unpacking: Thank you for purchasing the Quad Phase HP by ADJ Products, LLC. Every Quad Phase HP has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all equipment necessary to operate the unit has arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without contacting customer support first.

Introduction: The Quad Phase HP is a four channel, DMX intelligent LED moonflower fixture. The fixture can operate in as a stand alone fixture or in a Primary/Secondary configuration. The Quad Phase HP has two operating modes; sound active and DMX Control. For best results use fog or special effects smoke to enhance the beams projections.

Customer Support: Contact ADJ Service for any product related service and support needs. Also visit forums.adj.com with questions, comments or suggestions.

Parts: To purchase parts online visit <http://parts.adj.com>

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Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

PLEASE recycle the shipping carton when ever possible.

Quad Phase HP

Features

- DMX-512 Protocol Compatible (Four DMX Channels)
- RGBW• Bright 32 Watt LED
- 2 Operating Modes - Sound Active & DMX Control
- Internal Microphone
- Digital Display for Address and Function Setting
- UC3 Controller (Not Included)
- UC-IR Remote Included
- Power Cord Daisy Chain

Quad Phase HP

Warranty Registration

The Quad Phase HP carries a 2 year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase and warranty. You may also register your product online at www.americandj.com. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. If the unit is under warranty you must provide a copy of your proof of purchase invoice. Please contact ADJ customer support for a R.A. number.

Quad Phase HP

Handling Precautions

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

During operation the housing may become extremely hot. Avoid touching the unit with bare hands while in use.

ADJ Products, LLC will not accept any liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to this unit.

For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning - The fixture should be cleaned only as recommended by the manufacturer. See the **Cleaning** section of this manual for cleaning details.
- Heat - This fixture should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
 - A. Objects have fallen, or liquid has been spilled into the appliance.
 - B. The appliance has been exposed to rain or water.
 - C. The appliance does not appear to operate normally or exhibits a marked change in performance.

Power Supply: The ADJ Quad Phase HP contains an automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used by most lighting and controller manufacturers as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA “IN” and DATA “OUT” XLR terminals located on all DMX fixtures (most controllers only have a DATA “OUT” terminal).

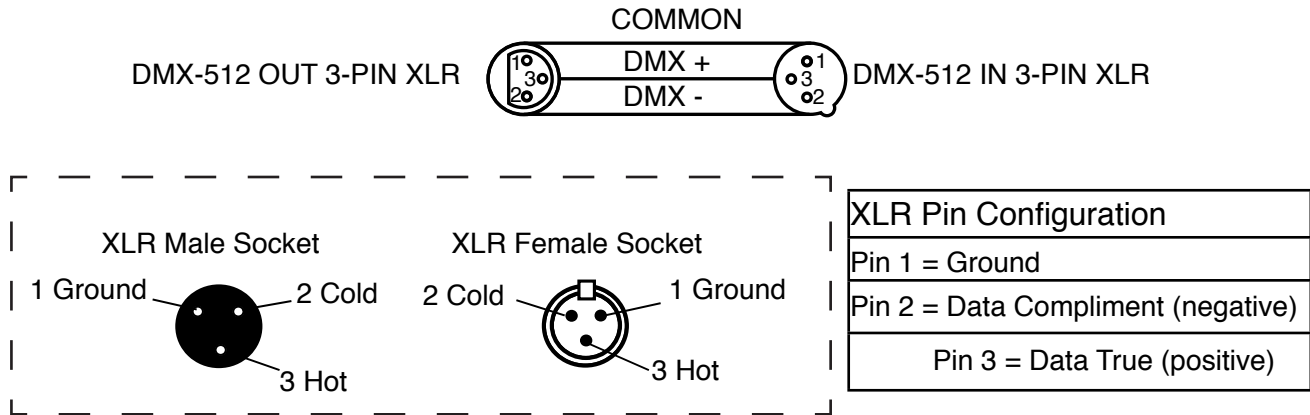
DMX Linking: DMX is a language allowing all makes and models of different manufacturers to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Data Cable (DMX Cable) Requirements (For DMX and Primary/Secondary Operation):

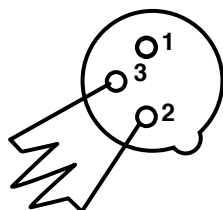
The Quad Phase HP can be controlled via DMX-512 protocol. The Quad Phase HP is a four channel DMX unit. The DMX address is set electronically using the controls on the back panel of the unit. Your unit and your DMX controller require an approved DMX-512 110 Ohm Data cable for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.



Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.



Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.

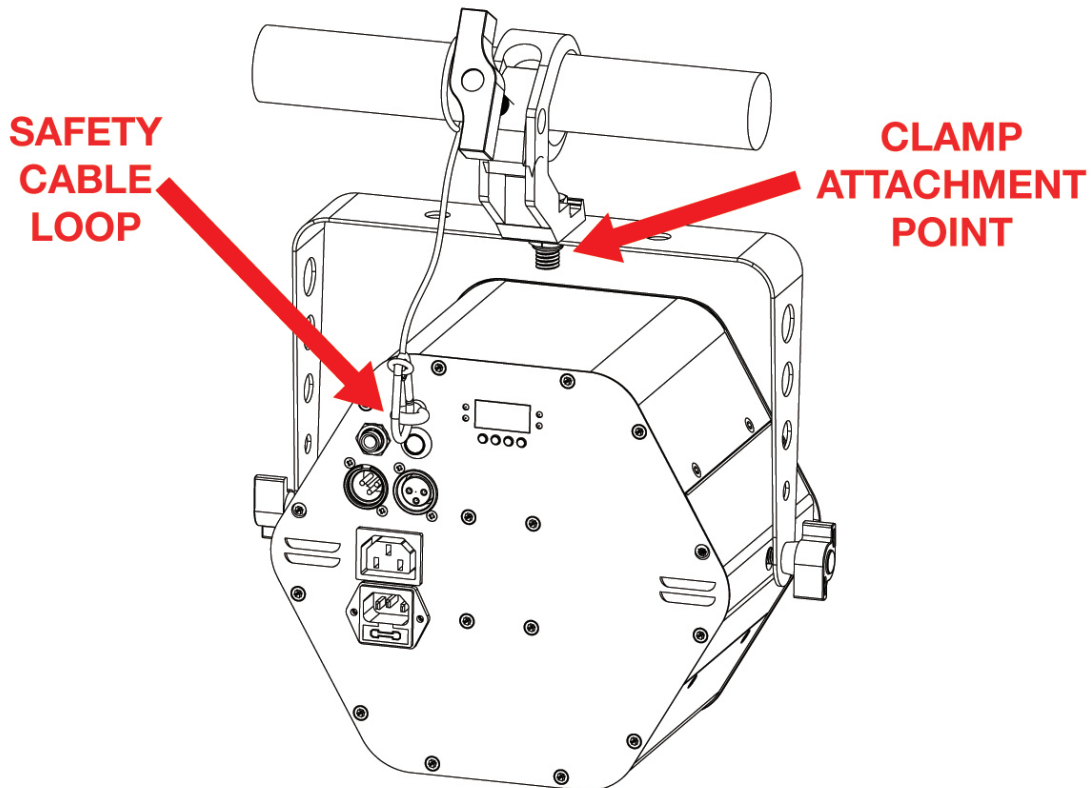


Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

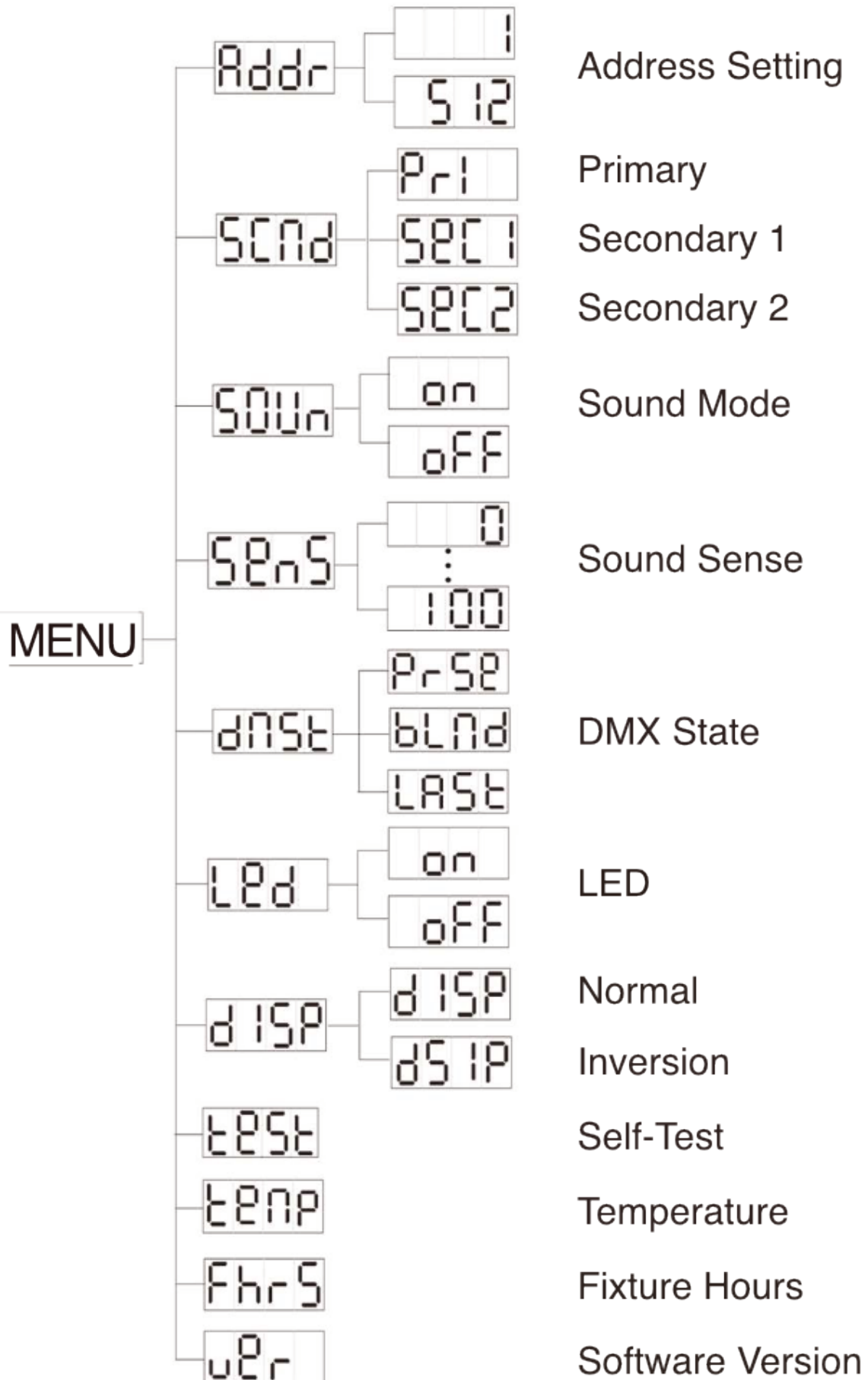
5-Pin XLR DMX Connectors. Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables in to a 3-pin line a cable adapter must be used, these adapters are readily available at most electric stores. The chart below details a proper cable conversion.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times the unit's weight. Also, always use a safety cable that can hold 12 times the weight of the unit when installing the fixture. The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.



ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.



ADDR - DMX Address Setting.

1. Press the either the MENU, UP, or DOWN buttons until "ADDR" is displayed, press ENTER.
2. "1" will now be displayed and flashing. Press the UP or DOWN buttons to find your desired address. Press ENTER to set your desired OMX address.

SCnd - This will let you set unit as a Pri or Sec in a Primary/Secondry configuration.

1. Press the MENU button until "SCND" is displayed, then press ENTER. "PrI", "SEC1" or "SEC2" will be displayed.
2. Tap the UP or DOWN buttons until your desired setting is displayed, press ENTER to confirm and exit.

SOUN - Sound Active mode.

1. Press the MENU button until "SOUN" is displayed, press ENTER.
2. The display will show either "ON" or "OFF". Press the UP or DOWN buttons to select "ON" to activate sound active mode, or "OFF" to deactivate sound active mode.
3. Press ENTER to confirm.

SENS - Using this mode, you can set the sound sensitivity level. 0 for least sensitive, 100 for more sensitive.

1. Press the MENU button until "SENS" is displayed, press ENTER.
2. Using the UP or DOWN buttons adjust the sensivity level to your desire.
3. When you found your desired level, press the ENTER, and then press and hold the MENU button for at least 3 seconds to confirm.

DNST - This mode can be used as a precaution mode, that in case the DMX signal is lost, the operating mode chosen in the setup is the running mode the fixture will go into when the DMX signal is lost. You can also set this as the operat- ing mode you would like the unit to return to when power is applied.

1. Press the MENU button until "DNST" is displayed press ENTER.
2. Either "Pr Se", "BLND", or "LAST" will be displayed. Choosean operating mode you would like the unit to start up when power is applied or the DMX signal is lost.
 - Pr Se (Primary/Secondry) - If the DMX signal is lost, or power is applied, the unit will automatically go into Primary Secondry mode.
 - BLND (Blackout) - If the DMX signal is lost or power is applied, the unit will automatically go into stand by mode.
 - LAST (Last State) - If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
3. Press ENTER to confirm your desired set up.

LED - With this function you can switch the LED on or off via the control board.

1. Press the either the MENU button until “LED” is displayed, press ENTER.
2. The display will show either “ON” or “OFF”. Press the UP or DOWN buttons to select “ON” to switch on the LED, or “OFF” to switch off the LED.
3. Press ENTER to confirm and exit.

DISP - This function will reverse the display 180°.

1. Press the either the MENU button until “DISP” is displayed, press ENTER.
2. Press the UP button to select “DSIP” to activate this function, or “DISP” to deactivate this function.
3. Press ENTER to confirm.

TEST - This function will run a self test program.

1. Press the MENU button until “TEST” is displayed, press ENTER.
2. The unit will now run a self test. Press the MENU button to exit.

TEMP - With this function you can display the running temperature of the unit.

1. Press the MENU button until “TEMP” is displayed, press ENTER.
2. The current running temperature of the fixture will now be displayed. Press MENU to exit.

FHRS - With this function you can display the running time of the unit.

1. Press the either the MENU button until “FHRS” is displayed, press ENTER.
2. The display shows the running time of the unit. Press MENU to exit.

VER - Use this function to display the Software version of the unit.

1. Press the either the MENU button until “VER” is displayed, press ENTER.
2. The display will show the software version.

Universal DMX Control: This function allows you to use a universal DMX-512 controller to control the patterns, rotation and strobing. A DMX controller allows you to create unique programs tailored to your individual needs.

1. The Quad Phase HP is a four DMX channel DMX fixture. See the **DMX Traits** section of this manual for detailed description of the DMX values and traits.
2. To control your fixture in DMX mode, follow the set-up procedures in the **DMX Setup** section of this manual as well as the set-up specifications that are included with your DMX controller.
3. Use the controller's faders to control the various DMX fixture traits.
4. This will allow you to create your own programs.
5. Follow the instructions in the **System Menu** section to set the DMX address.
6. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
7. For help operating in DMX mode consult the manual included with your DMX controller.

Sound Active Mode: This mode allows a single unit or several units linked together, to run to the beat of the music.

1. Tap the MENU button until "SOUN" is displayed, and press ENTER.
2. Press the UP or DOWN button so that "ON" is displayed. The unit will now run to the beat of the music.
3. The sound sensitivity can be adjusted by pressing the MENU button until "SENS" is displayed, and then press ENTER. Use the UP or DOWN buttons to adjust the sound sensitivity, 1 being the least sensitive, and 100 being the most sensitive.
4. The optional UC3 Controller (not included) may be used to control different functions including blackout.

Primary-Secondary Operation (Sound Active): This function will allow you to link up to 16 units together and operate without a controller. The units will be sound activated. In Primary-Secondary operation one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Primary or as a Secondary.

1. Using standard XLR microphone cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (Primary) will use the female XLR connector only, and the last unit in the chain will use the male XLR connector only. For longer cable runs we suggest a terminator at the last fixture.
2. On the Primary unit find your desired show and set that show by pressing the ENTER button.
3. On the secondary units tap the MENU button until "SCND" is displayed, select your desired secondary mode and Press ENTER.
4. The Secondary units will now follow the Primary unit.
5. The optional UC3 Controller (not included) may be used to control different functions including blackout.

Quad Phase HP

Power Cord Daisy Chain

With this feature you can connect the fixtures to one another using the locking power input and output sockets. The quantity that can be connected is 5 fixtures maximum. After 5 fixtures you will need to use a new power outlet. They must be the same fixtures. **DO NOT** mix fixtures.

Quad Phase HP

UC3 Control

Blackout	Blackout the Unit	
Functions	1. Synchronous strobe. 2. Two light strobe. 3. Sound control.	Rotation speed (1-8).
Mode	Strobe(LED OFF)	Chase(LED ON)

Quad Phase HP

DMX Traits

Channel	Value	Function
1		Color Selection
	0-16	Red
	17-33	Green
	34-50	Blue
	51-67	White
	68-84	Red+Green
	85-101	Red+Blue
	102-118	Red+White
	119-135	Green+Blue
	136-152	Green+White
	153-169	Red+Blue+White
	170-186	Red+Green+Blue
	187-203	Red+Green+White
	204-220	Red+Blue+White
	221-237	Green+Blue+White
238-255	Red+Green+Blue+White	
2		Rotation
	0-9	No Rotation
	10-120	Clockwise, fast to slow
	121-134	No Rotation
	135-245	Counter-clockwise, slow to fast
	246-249	No Rotation
	250-255	Sound Active
3		Strobing
	0	Off
	1-255	Strobing, slow to fast
4		Shutter Open
	0-15	Off
	16-255	Open

Color	R Value	G Value	B Value	W Value
Red	255	0	0	0
Green	0	255	0	0
Blue	0	0	255	0
White	0	0	0	255
Red+Green	255	255	0	0
Red+Blue	255	0	255	0
Red+White	255	0	0	255
Green+Blue	0	255	255	0
Green+White	0	255	0	255
Red+Blue+White	255	0	255	255
Red+Green+Blue	255	255	255	0
Red+Green+White	255	255	0	255
Red+Blue+White	255	0	255	255
Green+Blue+White	0	255	255	255
Red+Green+Blue+White	255	255	255	255

The **UC-IR** infrared remote has many different functions and gives you complete control of your Quad Phase HP. To control the your desired fixture you must aim the controller at the front of the fixture and be no more the 30 feet away.

STAND BY - Pressing this button will blackout the fixture.

FULL ON - Hold this button down to fully light up the unit. When you let the button go, the unit will return to its previous state.

COLOR - Press this button to enter Dimmer mode. Use the 1-9 buttons to select your desired color. Adjust the output intensity using the “DIMMER +” and “DIMMER -” buttons.

STROBE - This button will activate the strobe effect. You can control the flash rate by pressing the “DIMMER +” and “DIMMER -” buttons. If you press and hold this button the unit will begin to strobe.

SOUND ON & OFF - These buttons activate and deactivate the sound active mode.

SHOW - This designates the fixture as a secondary fixture in a primary/secondary configuration.

“**DIMMER +**” and “**DIMMER -**” - Use these buttons to adjust the output intensity and to adjust the strobe speed.

Disconnect the unit from its power source. Remove the power cord from the unit. Once the cord has been removed, you will find that the fuse holder is located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder also has a holder for a spare fuse.

Trouble Shooting: Listed below are a few common problems that you may encounter, with solutions.

No light output from the unit:

1. Be sure the external fuse has not blown. The fuse is located on the rear panel of the unit.
2. Be sure the fuse holder is completely and properly seated.

Unit does not respond to sound:

1. Low frequencies (bass) should cause the unit to react to sound. Tapping on the microphone, quiet or high pitched sounds may not activate the unit.
2. Check the sound sensitivity level.

Fixture Cleaning: Due to fog residue, smoke, and dust cleaning the internal and external optical lenses and mirror should be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the cooling vents and fan grill.
3. Clean the external optics and mirror with glass cleaner and a soft cloth every 20 days.
4. Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
5. Always be sure to dry all parts completely before plugging the unit back in.

MANUFACTURER'S LIMITED WARRANTY

- A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service you must obtain a Return Authorization number (RA#) before sending back the product, please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS

- **Non L.E.D. Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excluding laser diodes which have a 6 month limited warranty)
- **LED Products = 2-year (730 days) Limited Warranty** (excluding batteries which have a 180 day limited warranty). **Note: 2 Year Warranty only applies to purchases within the United States**
- **StarTec Series = 1 Year Limited Warranty** (excluding batteries which have a 180 day limited warranty).
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty**

- High output Moonflower effect with 32-Watt Quad-Color LED 4-in-1 (Red, Green, Blue, White) technology produces color-changing beams of light.
- Dozens of razor sharp beams fill a dance floor, ceiling or wall.
- Using a 1.8 Degree Long Life Stepper motor Technology it can produce quick accurate movement or smooth fluid move movements for mood music.
- 4 DMX Channels (Color, Rotation, Strobe, Shutter).
- Operation modes: Sound Active, Primary/secondary or DMX-512.
- Exciting built-in programs (Sound Active & Primary/secondary modes).
- Produces 15 Preset Colors.
- Linkable via 3-pin XLR cable.
- 4-button DMX display on rear panel.
- Beam Angle: 65 degree
- Strobe & Pulse LED Effect
- DMX-512 Protocol
- Electronic Dimming: 0 - 100%
- Runs extremely cool! - NO Duty Cycles! - Run all night!
- Includes a Wireless IR Remote (ADJ RC1)
- Compatible with the ADJ UC IR easy-to-use controller (sold separately) and the Airstream IR App
- IEC AC IN/OUT on rear to daisy chain power (up to 5 Quad Phase HP's @ 120V and 9 Quad Phase HP's @ 230V)
- Power Draw: 64W Max
- Multi voltage: 100V~240V, 50/60Hz
- Long life LEDs (30,000 hr. rating)
- Light Source: 32W RGBW LED 4-in-1
- Dimensions (LxWxH): 12.5" x 8" x 11" / 312 x 198 x 279mm
- Weight: 9 lbs. / 4 kg.

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