

PEGASUS

BY ALTMAN LIGHTING



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IMPORTANT INFORMATION

When using electrical equipment, basic safety precautions should always be followed including the following:

- a. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
- b. Do not use outdoors.
- c. Do not mount near gas or electric heaters.
- d. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- e. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- f. Do not use this equipment for other than intended use.
- g. Refer service to qualified personnel.

SAVE THESE INSTRUCTIONS.

WARNING: You must have access to a main circuit breaker or other power disconnect device before installing any wiring. Be sure that power is disconnected by removing fuses or turning the main circuit breaker off before installation. Installing the device with power on may expose you to dangerous voltages and damage the device. A qualified electrician must perform this installation.

WARNING: Refer to National Electrical Code® and local codes for cable specifications. Failure to use proper cable can result in damage to equipment or danger to personnel.

WARNING: This equipment is intended for installation in accordance with the National Electric Code® and local regulations. It is also intended for installation in indoor applications only. Before any electrical work is performed, disconnect power at the circuit breaker or remove the fuse to avoid shock or damage to the control. It is recommended that a qualified electrician perform this installation.

NOTE: Insulation between LV supply and control conductors is provided by basic insulation.

WARNING: This Lighting Fixture IS NOT for residential installation or use.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE

FCC NOTICE

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.

DMX 512 ADDITIONAL RESOURCES

For more information on installing DMX512 control systems, the following publication is available for purchase from the United States Institute for Theatre Technology (USITT), "Recommended Practice for DMX512: A Guide for Users and Installers, 2nd edition" (ISBN: 9780955703522). USITT Contact Information:

USITT
315 South Crouse Ave, Suite 200
Syracuse NY 12310
1-800-938-7488

ALTMAN LIGHTING STANDARD WARRANTY

Altman Lighting, Inc., a subsidiary of Altman Stage Lighting Company, Inc., herein referred to as Altman, warrants each new product (except for spare parts or products Altman does not manufacture) for a period of TWO (2) years from date of shipment to correct by repair or replacement any part defect due to faulty material or workmanship. Under these same terms, products with an LED light source shall be warranted for a period of THREE (3) years. The customer must receive a Return Material Authorization (RMA) number prior to return. Return shipments must be visibly marked with the RMA number; the product must be returned (shipping prepaid) to the factory at:

Altman Lighting Inc.
57 Alexander Street
Yonkers, NY 10701
www.altmanlighting.com

The return must be within THIRTY (30) days of receiving the RMA from Altman. Altman warrants for NINETY (90) days any spare part it manufactures. On spare parts or products Altman does not manufacture, such as lamps, sockets, lenses, roundels, electronics, ignitors, ballasts, etc.; Altman will grant the same warranty given Altman by its vendors.

Altman assumes no responsibility for damage or faulty performance caused by misuse, improper installation, careless handling or where repairs have been attempted by others.

This warranty is in lieu of all warranties or guarantees expressed or implied and no representative or person is authorized to assume Altman any other liability with the sale of Altman's products.

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ABOUT THIS MANUAL

This document provides installation and operation instructions for the following products: Pegasus 6" and 8" Fresnels, (refer to "Product Descriptions" for individual product models). Please read all instructions before installing or using this product. Retain this manual for future reference. Additional product information and descriptions may be downloaded at www.altmanlighting.com

PRODUCT DESCRIPTIONS

Altman Pegasus Fresnels are 6" and 8" white output LED Fresnel Family that are both Mains Dimmable and DMX controlled all in one luminaire. Pegasus replicates the soft light output that is expected from a theatrical or Studio Fresnel. Under 150 Watts the 6" Pegasus Fresnel far surpasses the output of its 500 watt incandescent counterpart, where the 8" Pegasus Fresnel meets the output of its 750 watt incandescent counterpart.

Under Mains Dim Control these fresnels can plug directly into your theatrical phase cut dimmers whether they are forward or reverse phase, and have been specially designed to replicate the smooth dimming curve of their incandescent counter part. A 115 /220 switch on the back of unit allows you to set the dimming curve for both 120 volt and 230 volt dimming systems.

If your lighting system consists of constant power and DMX data then Pegasus is also right choice for you. With the flip of a switch Pegasus converts from Mains Dimmable to a DMX / RDM controlled unit.

Pegasus is available in a number of different color temperatures from 2,700k, 3000k, 4000k, and 5000k. Pegasus boasts a very high CRI, >90, and can be used with standard theatrical gel as well as theatrical Gels that have been formulated for LED's.

Typical Part numbering scheme:

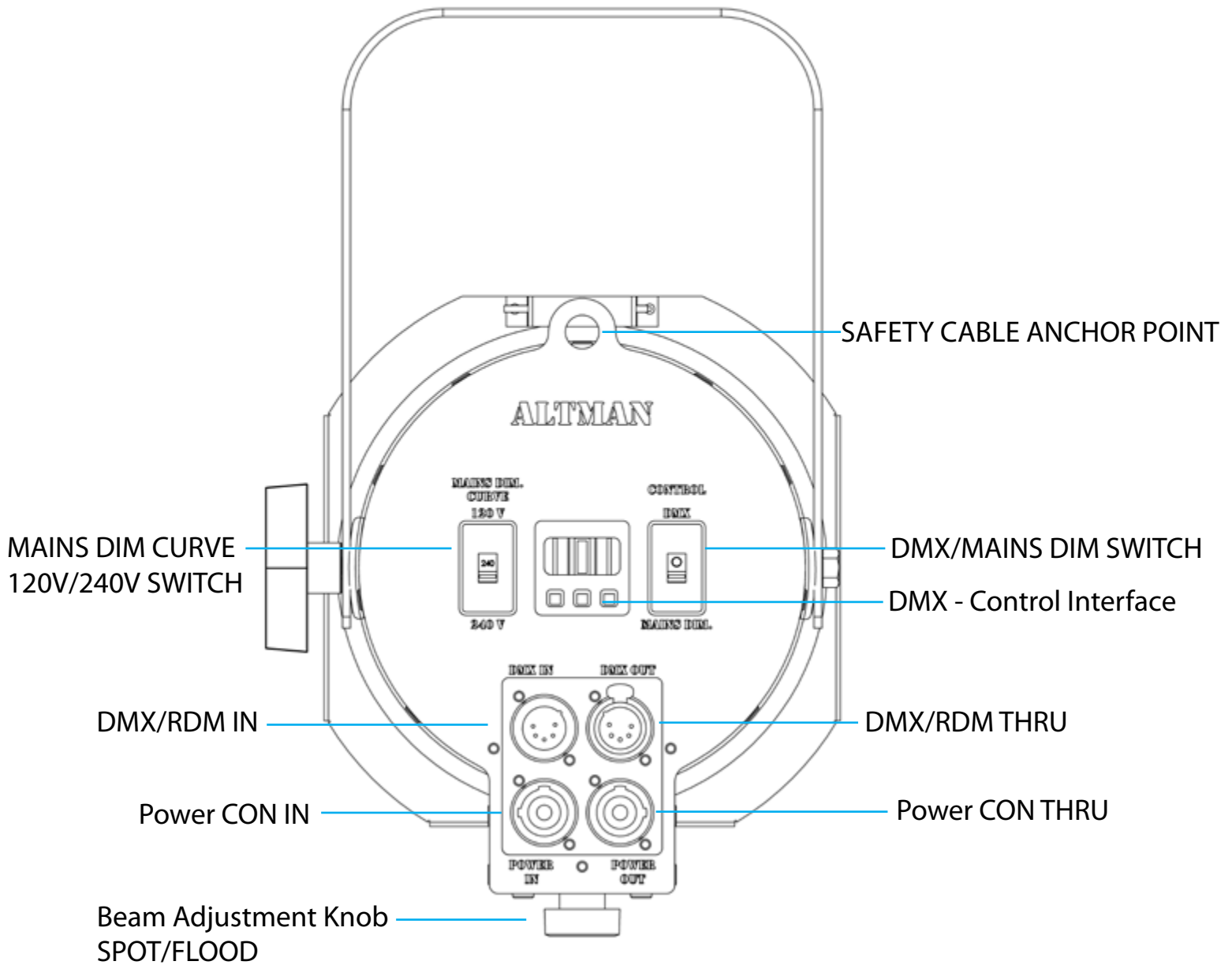
Model	Description
PEG6-**-***	6" Pegasus Fresnel
PEG8-**-***	8" Pegasus Fresnel
** (CCT)	2K, 3K, 4K, & 5K (Nb. 2K = 2700 Kelvin)
*** (Body Color)	B=Black, W=White, S = Silver, C=Custom

Part Numbering Example: PEG6-2K-B (Pegasus 6" Fresnel - 2,700 Kelvin - Black Body color)

Accessories	Description
510 (Included)	Malleable Iron Pipe Clamp
6-CF (Included)	Black Color Frame, 7.5" x 7.5"
SC-36-BK (Included)	36" Black Safety Cable w. Spring Clip
6-BD-4	4-Way Barn Door
PCL-PBG-12* (Included Standard)	5' 20A PowerCON With Edison Connector
PCL-2P&G-12-5-*	5' 20A PowerCon with Stage Pin Connector
PCL-TLG-12-5-*	5' 20A PowerCon with L5-20P Twist Lock Connector
PCL-BARE-12-5-*	5' 20A PowerCon with Bare End Lead

*=W for White Cable, Black Cable is Standard and no suffix is required

PEGASUS FRESNEL LUMINAIRE OVERVIEW

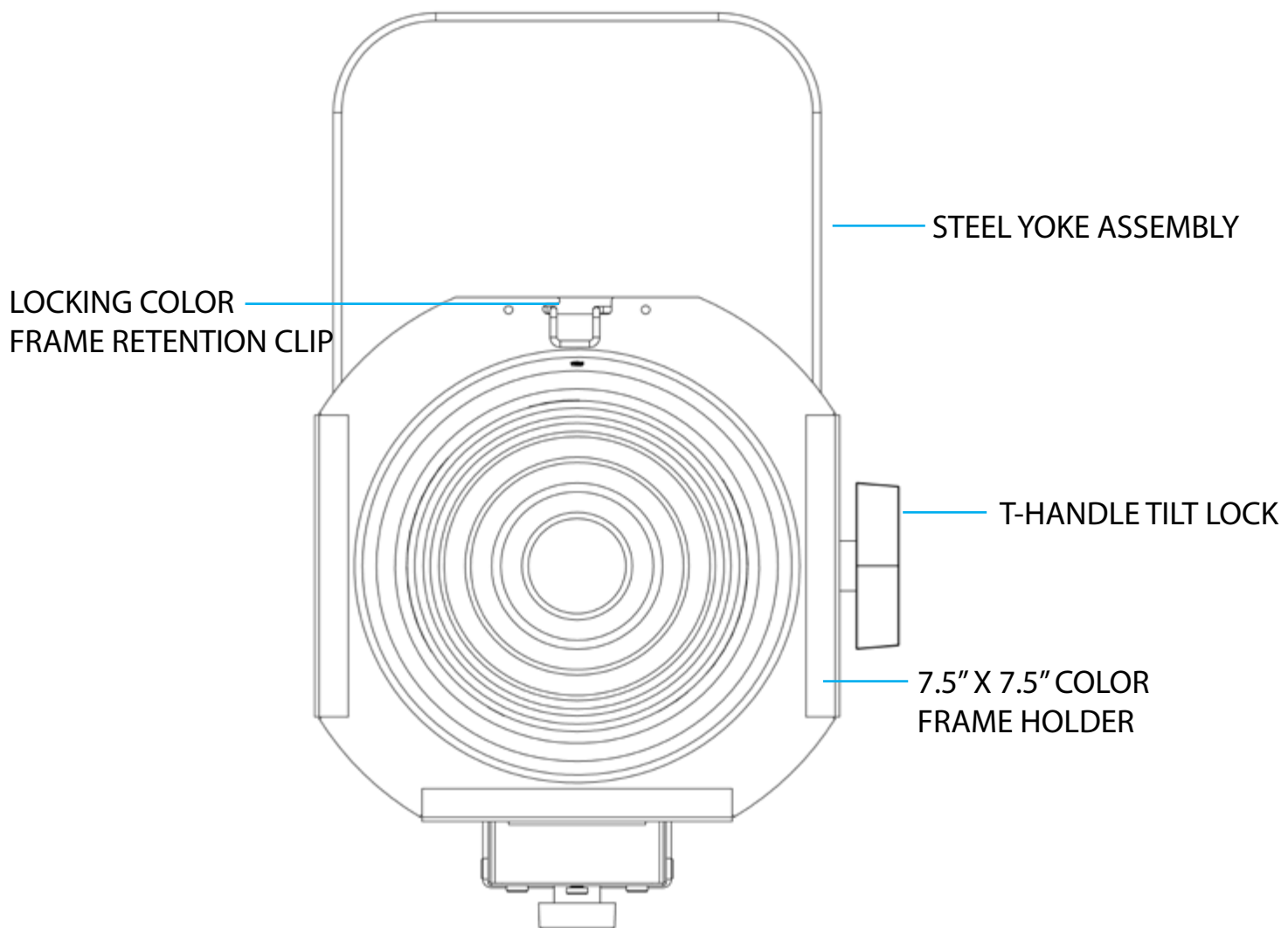


WARNING:

Supporting mechanism and structure must be capable of supporting the weight of the Pegasus Fresnel.

For product technical information (including weight), refer to "TECHNICAL SPECIFICATIONS" on the last page of this manual. Check applicable codes in your area for specific requirements.

PEGASUS FRESNEL LUMINAIRE OVERVIEW



WARNING:

Supporting mechanism and structure must be capable of supporting the weight of the Pegasus Fresnel.

For product technical information (including weight), refer to "TECHNICAL SPECIFICATIONS" on the last page of this manual. Check applicable codes in your area for specific requirements.

INSTALLATION AND SET UP

POWER CONNECTION - DMX CONTROL MODE: The PEGASUS Luminaire should be connected to either a constant circuit or relay device when in DMX mode. Note: Altman Lighting recommends that all Non-Dim circuits powering solid state luminaires are routinely powered down to both conserve energy and maximize luminaire performance.

POWER CONNECTION - MAINS DIM CONTROL MODE: When PEGASUS is set to Mains Dim Mode the luminaire should be connected to a Phase cut dimmer either forward or reverse phase. Typical Phase Cut dimmers include SCR's (Silicon Controlled Rectifiers), IGBT's (Insulated Gate Bipolar Transistors), and TRIAC dimmers). The Pegasus Luminaire operates on 120 to 230 volts AC (+/- 10%, auto-ranging). Depending on supply voltage, each luminaire can draw up to 130 Watts. The maximum through current should not exceed 20 Amps*.

IMPORTANT AC POWER CONNECTION NOTES:

WARNING! The maximum allowable input current is 20 Amps (and the maximum power supply limit of 130 Watts). Do not overload circuits! Luminaires must be supplied by a branch circuit protected by a maximum 20 Amp circuit protector. Doit être alimenté par un circuit de dérivation protégé par un maximum de 20 ampères circuit protecteur. Ne surchargez pas les circuits !

a. Must be supplied by a branch either dimming or constant circuit protected by a maximum 20 Amp circuit protector.

Doit être alimenté par un circuit de dérivation protégé par un maximum de 20 ampères circuit protecteur.

b. When using the daisy-chain connection method, **ONLY** connect PEGASUS Luminaires to AC Output Connection of PEGASUS Luminaires. **DO NOT CONNECT OTHER TYPES OF LUMINAIRES OR DEVICES!**

c. Use only use approved cable types.

d. Do not overload circuits!

f. The **MAXIMUM** allowable number of PEGASUS Luminaires which can be 'daisychained'

on one power feed should not exceed ratings. **DO NOT EXCEED!**

CONNECTING POWER

Connecting Power

Units can be powered in one of two ways:

- Direct connection to a AC power source using a supplied AC input cable.
- Daisy chain connection using a interconnect AC cable.

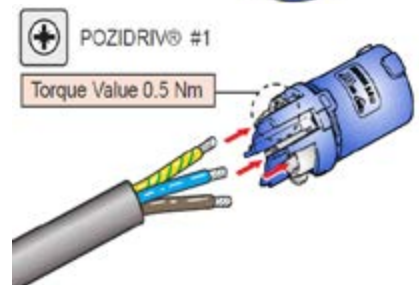
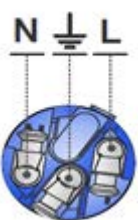
Field wiring of PEGASUS Luminaire is straight forward. A total of 3 wires/conductors need to be brought to the unit. The following wiring scheme is required: Please consult:

<http://www.neutrik.com/en/video/powercon/powercon-20-a/nac3fca>

For additional powerCON blue and grey wiring and assembly information.

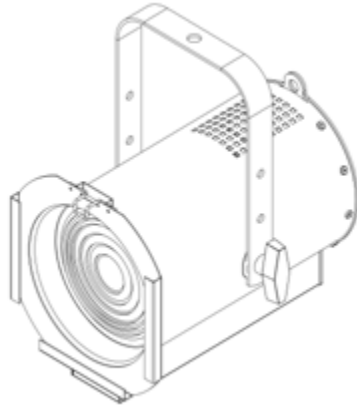
Wire Color	Purpose
Brown (230V) Black (120V)	Main/(L)ine (120 to 230 VAC)
Blue (230V) White (120V)	(N)eutral
Green/Yellow (230V) Green (120V)	Ground / Earth

WIRING

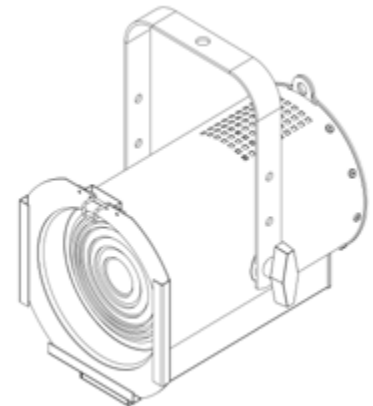


CONNECTING PEGASUS TO A DIMMING SYSTEM

Power Feed from
Phase Cut Dimming system
(forward or reverse phase)



Power daisy chain
to next luminaire
via powerCON thru
connection. DO
NOT CONNECT
MORE THAN
FOUR (4) UNITS
TO A DIMMER.



SPECIAL NOTE: PEGASUS must be set to MAINS CONTROL (switch on the back of the luminaire) to be controlled via a phase cut dimming system. Please select the dimming system dim curve for local voltage to either 115VAC or 220VAC. If switching between DMX CONTROL and MAINS CONTROL. Please remove power from Luminaire and **Wait 10 Seconds** before switching the luminaire to MAINS CONTROL.

When PEGASUS is set to Mains Dim Mode the luminaire should be connected to a Phase cut dimmer either forward or reverse phase. Typical Phase Cut dimmers include: SCR's (Silicon Controlled Rectifiers), IGBT's (Insulated Gate Bipolar Transistors), and TRIAC dimmers).

NOTE MAINS DIM CONTROL MODE: DO NOT CONNECT MORE THAN FOUR (4) PEGASUS FRESNELS TO THE SAME DIMMER. CONNECTING MORE THAN FOUR UNITS ON THE SAME DIMMER WILL RESULT UNDESIRE LOW END DIMMER RESPONSES.

The Pegasus Luminaire operates on 120 to 230 volts AC (+/- 10%, auto-ranging). Depending on supply voltage, each luminaire can draw up to 130 Watts. The maximum through current should not exceed 20 Amps*.

WARNING: DO NOT Daisy chain both MAINS DIMMABLE Luminaires with Luminaires that require CONSTANT POWER. When Pegasus is connected to a dimming system ONLY Pegasus Luminaires should be daisy chained together. Failing to follow these guidelines will result in unwanted dimming performance and potential damage to the luminaires.

WARNING! To prevent injury or death, you must have access to a main circuit breaker or other power disconnect device before installing any wiring. Be sure that power is disconnected by removing fuses or turning the main circuit breaker off before installation. Installing the device with power on may expose you to dangerous voltages and damage the device. A qualified electrician must perform this installation.

Note: The PEGASUS Luminaire is intended for installation in accordance with the National Electric Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. The PEGASUS Luminaire is not intended for residential use or installation.

LUMINAIRE WIRING DMX

Connector Wiring -DMX/RDM

DMX 512 XLR and RJ45 Connections		
DMX 512 Signal	XLR Pin	RJ45 Pin
Common (Drain)	1	7
DMX 512 Minus (-)	2	2
DMX 512 Plus (+)	3	1
Note: Remaining pins on each connector are not used		

DMX NETWORK CONNECTIVITY

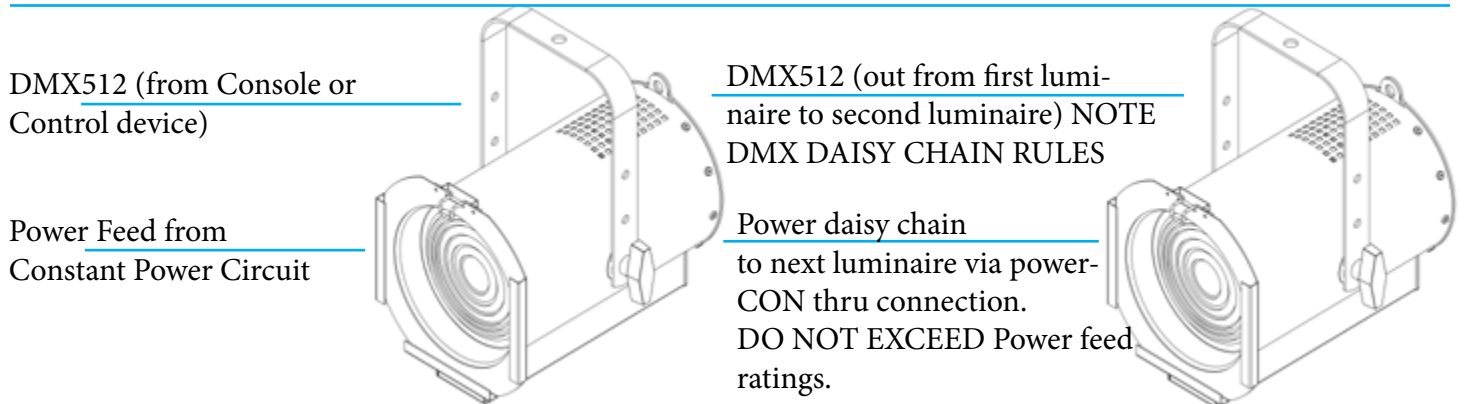
Basic DMX512 installation consists of connecting multiple Pegasus Luminaires together (up to 32 Total devices per DMX string) in "daisy-chain" fashion. A cable runs from the control console (or DMX512 control source) to the DMX INPUT connection on the first Pegasus Luminaire. From the DMX OUTPUT of this Pegasus Luminaire another cable runs to the DMX IN connector on the next Pegasus Luminaire (or DMX512 device to be controlled). Special Note: at the end of each DMX Daisy chain, it is highly recommended that DMX TERMINATION is turned ON on the last Pegasus Luminaire in the chain. The Display will show (I---I) when DMX TERMINATION is turned on. The "Hundreds" decimal point will blink slowly when DMX TERMINATION is active. SEE PAGE 10 of this Manual for information on DMX Termination set up.

NOTE: When valid DMX is present the "Ones" decimal point will remain illuminated.

NOTE: When DMX TERMINATION is active the "Hundreds" decimal point will blink slowly.

For more information on installing DMX512 control systems, the following publication is available for purchase from the United States Institute for Theatre Technology (USITT), "Recommended Practice for DMX512: A Guide for Users and Installers, 2nd edition" (ISBN: 9780955703522). USITT Contact Information: www.usitt.org

CONNECTING PEGASUS TO A DMX NETWORK



SPECIAL NOTE: PEGASUS must be set to DMX CONTROL (switch on the back of the luminaire) to be controlled via a DMX 512 system. Please select the Luminaire dim curve for local voltage to either 115VAC or 230VAC. If switching between MAINS CONTROL and DMX CONTROL. Please remove power from Luminaire and **wait 10 Seconds** before switching the luminaire to DMX CONTROL.

LUMINAIRE CONTROLS - INFO DISPLAY SEQUENCE

Once in DMX CONTROL, the Pegasus Fresnel luminaire's three digit control system provides set up and local control for accessing all of the luminaires menu options and settings.

Upon Power-up, the three digit display will sequence:

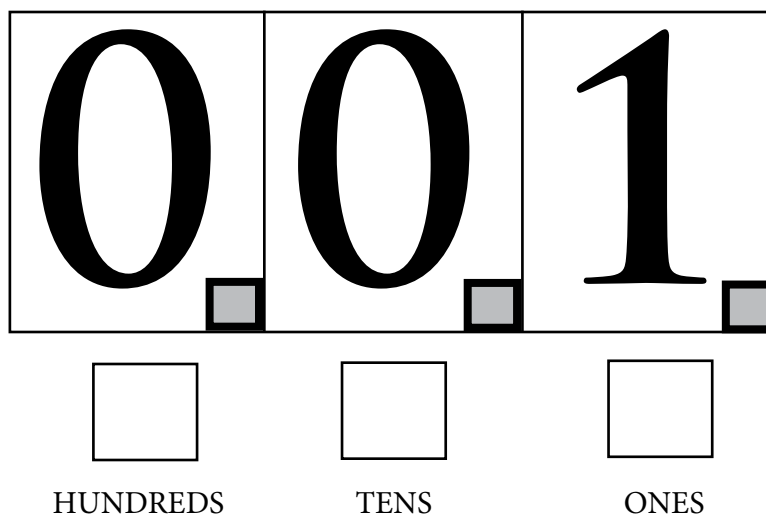
1. Firmware Version: (vXX) where XX = Version number Displays for 2 seconds,
2. Absence of DMX: (oFF, HLd, PrE, FuL) [Default: oFF] Displays for 2 seconds,
3. Preset Level(L01 ~ L99) [Default: L99] Displays for 2 seconds,
4. Locked State (Loc, unL) [Default: unL] Displays for 2 seconds,
5. Control / ReceiveState (Con , rEC) [Default: rEC] Displays for 2 seconds,
6. DMX Termination: (I--I or ----) I--I = Termination on 120ohm resistor active for DMX end of line termination; ---- = DMX Termination OFF [Default: ----]
999 = Termination OFF, 998 = Termination ON
7. Pxx Set: Personality (dimming curve)
601 = Linear, 602 = Incandescent fade 1, 603 = Incandescent fade 2
8. DMX address: (001 ~512)– This is the DMX channel number. [Default: 001] Displays for 4 seconds ;

NOTE: When valid DMX is present the "Ones" decimal point will remain illuminated.
When Luminaire has DMX termination ON the "Hundreds" Decimal point will blink.

To initiate Info Display sequence, do the following button sequence: Wait a few seconds until the display goes blank,

1. press and hold the [TENS] button,
2. press and hold the [HUNDREDS] button,
3. release the [TENS] button,
4. release the [HUNDREDS] button.

Pressing any button in any mode activates display if it is blank, and shows appropriate display for the Operating mode.



LUMINAIRE CONTROLS -OPERATING MODES

1. DMX mode (rEC):

The Pegasus Luminaire's dimming level is set via a DMX controller. This controller controls the luminaire via DMX 512a. This address can be from 001 - 512. To programming a different DMX address:

1. Depress the Hundreds, Tens, and Ones, selection switches to the desired DMX address number (001 to 512).
2. The display goes blank* and comes back again, confirming the new DMX address, displays it for 4 seconds, then display goes blank*.

[Default DMX address 001]

NOTE: When valid DMX is present the "Ones" decimal point will remain illuminated.

2. Standalone mode:

When in Standalone mode, the Pegasus Luminaire does not require a DMX control signal.

To enter Standalone mode (or exit back to DMX (rEC) mode):

Wait a few seconds until the display goes blank*, then do the following button sequence:

1. press and hold the [ONES] button,
2. press and hold the [TENS] button,
3. release the [ONES] button,
4. release the [TENS] button. When in Standalone mode the unit will ignore DMX input, once in Standalone mode the ONES and TENS indicator will remain lit.
5. Unit Preset level is set (0 to 100%) using [TENS] and [ONES] buttons : (00 to 99) (L00=0%), (L99=100% full).
6. IMPORTANT NOTE: Unit must be in Control State (below) in order for above output to take effect.

A. Control / Receive State:

Note: Only one unit per DMX string should be set to Control State to avoid data conflict.

When in Standalone Mode the Pegasus can also enter into a Control State. The Luminaire will transmit its Preset level on DMX channel 1, so that it acts like a console to control the other units that are connected via DMX cable. If unit is in DMX mode, Control State will do nothing. NOTE: When using control state to control additional Luminaires, the additional units on the DMX lan must be in DMX mode and set to DMX Adr. 1.

When in Receive State (rEC), Unit only receives DMX, and if set to DMX channel 1, it will imitate the other unit that is set to Control State, if connected.

To Toggle between Control and Receive state, do the following button sequence:

Wait a few seconds until the display goes blank,

1. press and hold the [HUNDREDS] button,
2. press and hold the [ONES] button,
3. release the [HUNDREDS] button,
4. release the [ONES] button;

Once in Con State the ONES, TENS, & HUNDREDS Indicator will remain Lit.

Display will blink and show Con (or rEC) for 4 seconds and then go to current mode display.

[Default is Receive State]

OPERATION AND PROGRAMMING -DMX CONTROL MODE

Absence of DMX:

When connected to a DMX network, if there is a loss of signal the following settings will effect the behavior of the Pegasus Luminaire upon signal loss. This mode can be programmed by entering a number greater than 900. There are four (4) different options upon the loss of signal.

SETTING	DISPLAY [RDM]	DESCRIPTION
901	oFF [00]	off (dimmed to 0%) [Default]
902	HLd [01]	hold last look (retains last DMX level)
903	PrE [02]	preset (Standalone Preset level)
904	FuL [03]	full on (100%)

NOTE: upon loss of valid DMX setting 904 will initiate an instant change in the light output from the DMX setting to FULL ON (100%)

When this is done, after 2 sec, the display will change the [HUNDREDS] digit to [P], asking for confirmation of personality change. This is confirmed with a press of [ONES] button. Pressing any other button reverts back to 90X series display so that modification can be made.

Once confirmation is made:
 Display blinks and shows new Absence of DMX setting (oFF, HLd, PrE, FuL) for 4 sec, then goes to current mode display.

Locked State:

When in Locked State, Buttons will have no effect until they are unlocked. To Lock (or unlock) the buttons, do the following button sequence:

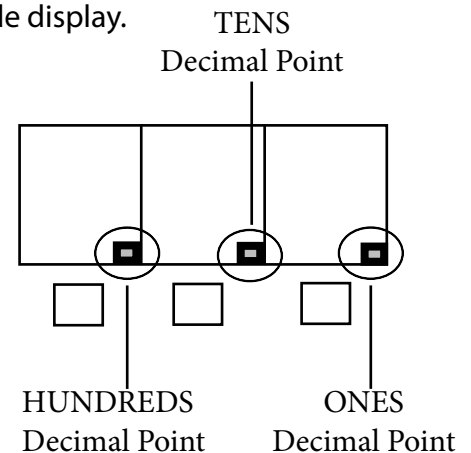
- Wait a few seconds until the display goes blank,
1. press and hold the [ONES] button,
 2. press and hold the [HUNDREDS] button,
 3. release the [ONES] button,
 4. release the [HUNDREDS] button.

Display will blink and show Loc (or unL) for 4 sec and then go to current mode display. [Default is unlocked]

***Display Notes:**

Display goes completely blank after 4 seconds, except :

1. If in DMX Mode and DMX signal is detected; then: [ONES] decimal point will stay lit
2. If in Standalone Mode, and Receive State; then: [TENS] and [ONES] decimal point will stay lit;
3. If in Standalone Mode, and Control State; then: [HUNDREDS], [TENS] and [ONES] decimal point will stay lit.



OPERATION AND PROGRAMMING - DIMMING CURVE AND DMX TERMINATION

DIMMING CURVE:

Pegasus will replicate one of three programmed dimming curves replicating linear and incandescent dimming.

SETTING	DISPLAY [RDM]	DESCRIPTION
601	P01 [0]	Linear
602	P02 [1]	Incandescent Fade 1
604	P03 [2]	Incandescent Fade 2 (fast Bottom)

SETTING DIM CURVE:

1. Wait for Display to go blank (decimal points may still be active depending upon termination and DMX presence).
2. Using the programming buttons set the desired DIMMING CURVE setting
3. Wait 2 seconds, the display will then will change the [HUNDREDS] digit to a [P], asking for confirmation of personality change.
4. Depress the [ONES] button to confirm personality change Pressing any other button reverts back to 60X series display so that modification can be made.
5. Depress the [ONES] button a second time to return out of programming mode.

DMX TERMINATION:

Pegasus is supplied with a programmable DMX terminator built into the luminaire. In a DMX system it is recommended that the luminaire that is at the end of the DMX Daisy-chain is terminated using a 120 OHM resistor.

SETTING	DISPLAY [RDM]	DESCRIPTION
998	I---I [0]	Termination ON
999	---- [1]	Termination OFF

SETTING DMX TERMINATION:

1. Wait for Display to go blank (decimal points may still be active depending upon termination and DMX presence).
2. Using the programming buttons set the desired DMX TERMINATION setting
3. Wait 2 seconds, the display will then will change the [HUNDREDS] digit to a [P], asking for confirmation of personality change.
4. Depress the [ONES] button to confirm personality change Pressing any other button reverts back to 90X series display so that modification can be made.
5. Depress the [ONES] button a second time to return out of programming mode.

CLEANING AND CARE

WARNING! All cleaning should be performed with power completely removed from the luminaire. Never remove protective covers when luminaire is powered. Wear appropriate protective eye wear and gloves when cleaning the fixture. All service and maintenance, other than described herein, should be performed by a qualified technician or Authorized Service Center.

1. Special Cleaning and Care Instructions

Being a solid-state fixture, and unlike most fixtures, the Pegaus Luminaire requires very little routine maintenance by the user. This section covers portions of the luminaire that can be removed for cleaning.

The Pegaus Luminaire requires special care when it comes to cleaning the front lens assembly. Additional care needs to be taken with the plastic components because they are much easier to scratch or damage than glass.

The following is a list of cleaning materials required to care for your Pegasus Luminaire:

- Lint free lens tissue
- Lint or powder free gloves
- Reagent grade isopropyl alcohol*
- A mild soap solution.

WARNING! Under no circumstances should ammonia-based cleaners, acetone, or other harsh solvents be used on or near the Pegaus Luminaires. These types of cleaners or solvents can permanently damage the optics or housings of the fixture. If you have any questions regarding the use or care of your Pegaus LED Luminaire, please contact Altman Lighting technical support or your local Authorized Dealer.

2. Front Lens Cleaning

To clean the front lens and reflector:

Step 1. Unplug luminaire and allow to cool completely.

Step 2. Apply a small amount of reagent grade isopropyl alcohol to lint-free lens tissue.

Step 3. Wipe all debris, dirt, fingerprints, etc. from lens

Step 4. Using a second lint-free lens tissue, wipe off any alcohol residue.

3. Service and Maintenance

For all other service and maintenance issues, please contact your local Altman Lighting offices or an [Authorized Service Center](#).


SPECIAL NOTE: The light source contained in this luminaire shall only be replaced by the manufacturer or an Authorized service agent or a similar qualified person.

TROUBLE SHOOTING

WARNING! Any service and maintenance (including troubleshooting), other than described herein should be performed by an Authorized Altman Lighting Dealer or Service Center.

Description	Symptom	Possible Cause / Remedy
No Light Output	Fixture will not produce Light output but has power. Display is illuminated or internal LED is illuminated.	Unit Setting is at 0% Local control Unit Setting is at 0% DMX control Set Level above 0% or adjust to a higher intensity.
No Power at Luminaire	Luminaire does not power up.	Circuit is not energized, Verify circuit power and circuit breaker has been turned on. Not Plugged in, ensure viable power source and unit is plugged in. Verify power cabling is wired correctly (see page 9 for details)
DMX Data Control	Fixture will not respond to DMX Commands.	Not detecting DMX data, Disconnect and reconnect DMX input cable. Unit is set in Stand Alone mode. DMX Connection not wired properly see page 9 for details. DMX address is different than that of the DMX controller. DMX CONTROL switch is in MAINS CONTROL
LOW light output	Fixture is powered but low light output.	Luminaire is in the incorrect DIM CURVE Setting for connected voltage. Use 115 VAC setting for 100-120 and 220 VAC setting for 220 - 240
Local Programming	Unit will not allow programming changes	See page 11 - 13 for step by step on setting up DMX and stand alone control.
Luminaire not responding to DMX control	Unit either goes to full intensity or zero and does not respond to control	Remove power from the Luminaire - Wait 10 seconds - reapply power. DMX control board will then boot and allow for control.
Luminaire not responding to DMX control	Unit either goes to full intensity or zero and does not respond to control	Remove power from the Luminaire. Depress the "TENS" button and reapply power. Wait 3 Seconds and release the "TENS" button. Control board will reboot and reset all factory defaults.

TECHNICAL SPECIFICATIONS:

Source:	120 Watt Fixed White LED emitter	
Light :	Output Pegasus 6: >9,300 Lumens; LED color temperature dependent Output Pegasus 8: >11,620 Lumens; LED color temperature dependent	
Materials:	Corrosion-resistant materials and hardware	
Light Engine:	Available in 2700K, 3000K, 4000K, 5000K White	
Power Consumption:	Pegasus 6: 130 Watts Pegasus 8: 130 Watts	
BTU's/HR:	425.5	
Lumens/Watt:	Pegasus 6: 71.5 LED dependent Pegasus 8: 89.3 LED dependent	
CRI:	>90	
Input Voltage:		115 - 230 VAC ; 1.2 Amps, 130 Watts, 50/60hZ 1.01A @ 120 VAC 0.50A @240 VAC
Input Current Rating PowerCON BLUE connector:	20 Amps @ 120VAC , 15 Amps @ 230VAC	
Output Current Rating PowerCON Gray connector:	18 Amps @ 120VAC , 13 Amps @ 230VAC	
Power Factor:	>.92 full load	
Current Inrush:	15Apk Max 1/2 cycle @230VAC.	
Quiescent Load:	12 watts @ 120VAC (only under DMX control) 0.1A	

TECHNICAL SPECIFICATIONS:

Cooling:	Active Silent Cooling (<19dBa) @.5M
Ambient Temperature:	0 to 40 Degrees C (32 to 104 Degrees F), Ta Max 25C, Tc Max 220C 5 Minutes: 31C Steady State: 52C
Beam Angle:	Pegasus 6: Spot (15 Degrees) to Flood (85 Degrees) Pegasus 8: Spot (15 Degrees) to Flood (70 Degrees)
Weight:	Pegasus 6: 11.5 Pounds with C- Clamp Pegasus 8: 14.2 Pounds with C-Clamp
Finish:	Black, White, or Silver. Custom colors available
Rating:	ETL,cETL, & CE PENDING



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