

AEON RAVEN PFX 4Mod USER MANUAL

PRODUCT DESCRIPTION:

The PFX 4Mod adapts the DMX signals from the PFX controller to conform to the DMX implementation of the lighting units listed in this manual. Additionally, the performance styles of the PFX can be assigned to these lights directly from the 4Mod without the need to change their Start Addresses.

SETUP:

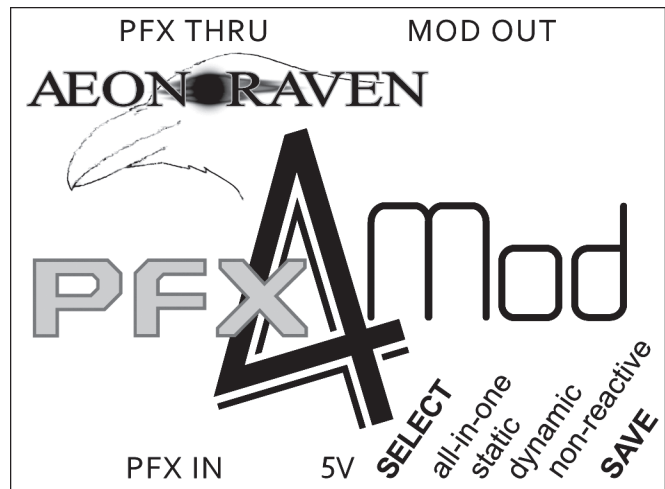
Connect the DMX BLACKBIRD PFX edition as per its instructions and then follow these:

1. Plug in your 4MOD's power adapter to an AC outlet and the plug to the DC power jack on the module (labeled 5V). Only use the supplied power adapter or 5V equivalent.
2. Using a standard 3-pin DMX cable, connect the DMX OUT jack on the PFX to the PFX IN jack of the 4MOD unit.
3. Connect the MOD OUT jack of the 4MOD unit to the DMX input jack of the first lighting fixture in your chain. Configure your fixture's DMX settings to the appropriate Channel Mode and Start Addresses according to the charts on the back of this manual.
4. The DMX THRU jack provides an unmodified DMX signal from the PFX to control lighting units supported natively by the PFX.

DMX:

To work with the PFX and the PFX 4Mod, your lighting fixture needs to be set to the correct Channel Mode and Start Address. Refer to the owners manual for your lighting fixture to learn how to set them. The charts on the back of this sheet tell you the values they should be set to in order to receive the correct DMX signals.

In addition to the specific fixtures listed, any standard par light with the correct DMX implementation can be used. Note that in order to take full advantage of the Static and Dynamic Banks performance styles, you need 4 or more standard fixtures with at least one set to each of the four Start Addresses listed.



PERFORMANCE:

The PFX edition has four Performance Styles; All-in-one, Static Banks, Dynamic Banks, and Non-Reactive. Full descriptions of the Styles are found in the PFX Manual. Lighting fixtures connected to the PFX are assigned to a Performance Style by setting each light to a specific Start Address. Lights connected to the 4Mod are assigned a specific Start Address and the styles are accessed by selecting them on the 4MOD:

1. Press the SELECT button to choose the performance style. A green led light indicates the style chosen.
2. To save the style so it becomes default through power cycling, press the SAVE button.

TROUBLESHOOTING:

In the event that the PFX or 4Mod do not function properly or as expected, please ensure everything is properly connected and configured. Some lighting fixtures feature dimming curves which must be turned off or set to 'linear' in order for the light to work properly with the PFX.

1. If a green LED is lit on the 4Mod, power is reaching the unit. Never use a power supply greater than 5v.
2. Put the 4Mod in "non-reactive" mode, do the color knobs on the PFX work as expected? If so, the problem may be Audio related.
3. If the knobs cause your light to work but the colors don't correspond to the knobs, or you get your fixtures various macros or strobe, your fixture is likely set to the wrong DMX Mode and/or Start Address.

The following fixtures are supported by the PFX 4Mod. Setting the Start Address and DMX Mode correctly on your fixture is crucial for proper performance.

Chauvet	Start Address	Ch. Mode	Standard Pars	Start Addresses	Ch. Mode
4 BAR USB	01	15	RGB	04, 07, 10, 13	3
4 BAR LT USB	01	15	RGBW	34, 38, 42, 46	4
4 BAR TRI USB	01	15	RGBA	53, 57, 61, 65	4
4 BAR FLEX T USB	01	15	RGBAW+UV	099, 105, 111, 117	6
4 BAR LT QUAD	50	19	RGBWA+UV	127, 137, 147, 157	6
COLORado Panel Q40	34	16	BECEN Hex Pars		
COLORband PIX USB	04	12	RGBWA+UV	123, 133, 143, 153	10
COLORband PIX IP	04	12	Note that in order to take advantage of the Static and Dynamic Banks performance styles, you need 4 or more standard fixtures with at least one set to each of the four Start Addresses listed.		
COLORband PIX	04	12			
COLORpalette	18	15			
Wash FX 2	71	28			
Wash FX Hex	187	40			

ADJ	Start Address	Ch. Mode
Dotz TPar System	04	12
Starbar Wash System	34	17
MegaBar RGBA	53	18

Equinox	Start Address	Ch. Mode
MicroBar System	04	12
GigaBar MKII System	04	12
MicroBar Quad System	34	16

Stairville	Start Address	Ch. Mode
CLB5 RGB WW - Bar 5	34	16
Stage Quad - RGB WW	33	18
CLB4 RGB - Bar 4	04	14
Stage TRI LED Bundle	04	14

Gear4music: Cosmos	Start Address	Ch. Mode
12 X 9W Stage Par Bar	01	15
324 x 10mm Stage Par Bar	01	15

MORE FIXTURES	Start Address	Ch. Mode
Cameo Multi PAR COB	04	12
Cameo Multi Par 3	34	16
DragonX 4 Bar LED	01	15
Eurolite LED KLS-801 TCL	01	15
LeDj Fresco 24 RGBW	34	16
Monoprice 3-Color Light Bar	04	14
QTX PB-7 Hi-Power FLPB	04	12
PixelRange Pixelline 4*	34	16
* set MInt to off		
SLC PIX BAR PRO HEX 12	163	24

Since new lights are always coming into the market, these lists are not complete. If you have a DMX implementation chart for a fixture you don't see listed, contact us for compatibility. Additionally, Aeon Raven offers customized programming to suit your fixture in the event it isn't compatible. Restrictions and programming fees apply. Contact us for details.

Power Requirement : 5 volt DC 400mA minimum.

DC Power Jack Dimensions:

5.5mm x 2.1mm x 9.5mm
center positive barrel



Customer Support: AEON RAVEN provides a customer support line to provide help and to answer any question should you encounter problems during your set up or initial operation. Please have your fixture and configuration information handy in order for us to better help you with your issue.
Office Hours: Monday through Friday 10:00 a.m. to 6:00 p.m. Pacific Standard Time. (805) 484-2306
You can always email your questions to us at:
sales@aeonraven.com

aeonraven.com

Manufacturer limited warranty: AEON RAVEN warrants that the product will be free of manufacturing defects in material and workmanship for a period of 30 days from the date of purchase. The warranty is limited in that it only covers the repair or replacement of the product. Warranty void if product has been altered in any way.

AEON RAVEN under no circumstance will be liable for any loss or damage arising from the use or inability to use this product.