

## X Series Dual Instructions

***Important: Read all instructions very carefully before installing your X Series Dual XHO ADD-ON KIT. Reef Brite will not be responsible for any damages that may result from improperly mounted or installed X Series kits.***

The X Series will add some weight to your light system so it is especially important to ensure your tank or mounting configuration can safely carry and distribute the additional weight of your X Series system.

If unsure about the mounting and or attachment of the X Series system, we recommend contacting a licensed professional to avoid serious personal injury or property damage.

If you have any questions before or during the installation of your X Series system, please contact [joy@reefbrite.com](mailto:joy@reefbrite.com) and one of our customer service representatives will be glad to assist you.

For faster service please provide your phone number and a good time to call. Thank you.

***Getting started: Make sure your fixture(s) are unplugged from the electrical outlet and completely removed from the aquarium before attempting to install the X Series Dual system.***

***If your fixture was in use even for just a short period let cool. LED's can get hot during operation and can cause personal injury or damage surfaces if proper care in handling is not taken.***

Once cool, place fixture on a secure table or work surface.

**Installation instructions:** Install the included light brackets (Figure 1) according to the directions listed below for your specific fixture using the included hardware. For Kessil 360 series use one light bracket per 360. For Radion, Hydra, AP9X and AP700 use two light brackets per fixture.



*Figure 1 Light Bracket*

**Kessil 360x:** Locate the threaded hole on the top center of the 360x. Using one of the included **Black M5 x .8mm thread x 8mm long** pan head screws provided, mount the bracket to the 360x. See picture below. It is **highly** recommended to carefully thread the screw by hand to ensure that the screw is not cross threaded and avoid over tightening. **DO NOT use the M5 x .8mm thread x 12mm long screws for the 360x as damage to the 360x can occur.**



Figure 2 Light Bracket with M5 x 8mm screw



Figure 3 Light Bracket installed

**Kessil 360WE units:** Locate the threaded hole on the top center of the 360. Use one of the **Black M5 x .8mm thread x 12mm long** screws provided placing one of the included Black Nylon spacers **between** the light bracket and your 360 to avoid obstructing the fan circulation. It is **highly** recommended to carefully thread the screw by hand to ensure that the screw is not cross threaded and avoid over tightening.

*The Black Nylon spacers can be found attached to the M5 x 25mm flat head screws used for the AI Hydra units.*



Figure 4 Nylon Spacer



Figure 5 Nylon Spacer placement



*Figure 6 Light Bracket installed using Nylon spacer*

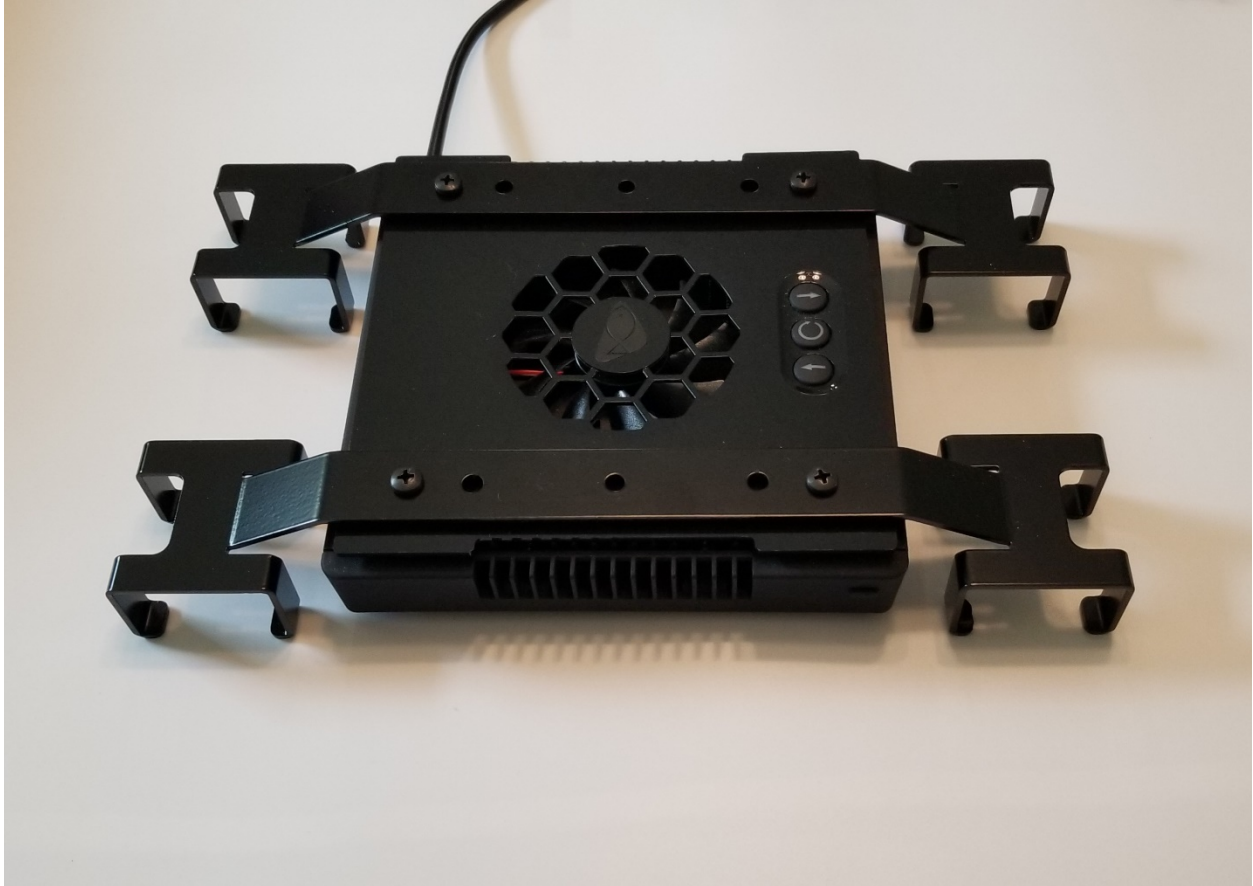
**Kessil AP9X and AP700 units:** Locate the four threaded holes on the top of your AP9X. Using the four **Black M4 x .7mm thread x 12mm long** screws mount two of the included light brackets to the AP9X. It is **highly** recommended to carefully thread the screws by hand to ensure that the screws are not cross threaded and avoid over tightening.



*Figure 7 Light Brackets installed on AP9X*

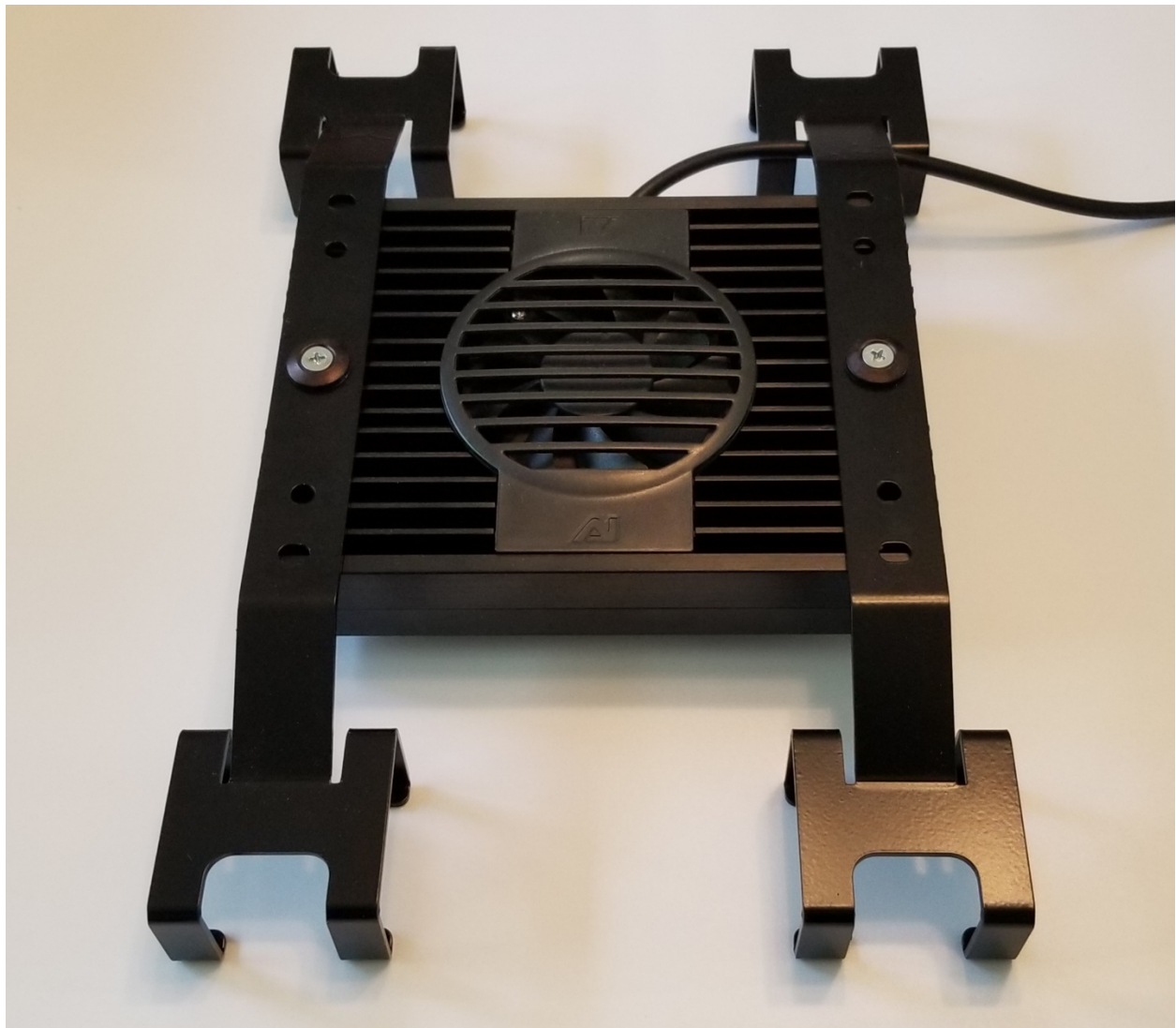


**Ecotech Radion XR30 and XR15:** Locate the four threaded holes on the top of your XR30 or XR15. Using the four **Black M5 x .8mm thread x 8mm long** screws mount two of the included light brackets to your XR30 or XR15. It is **highly** recommended to carefully thread the screws by hand to ensure that the screws are not cross threaded and avoid over tightening.



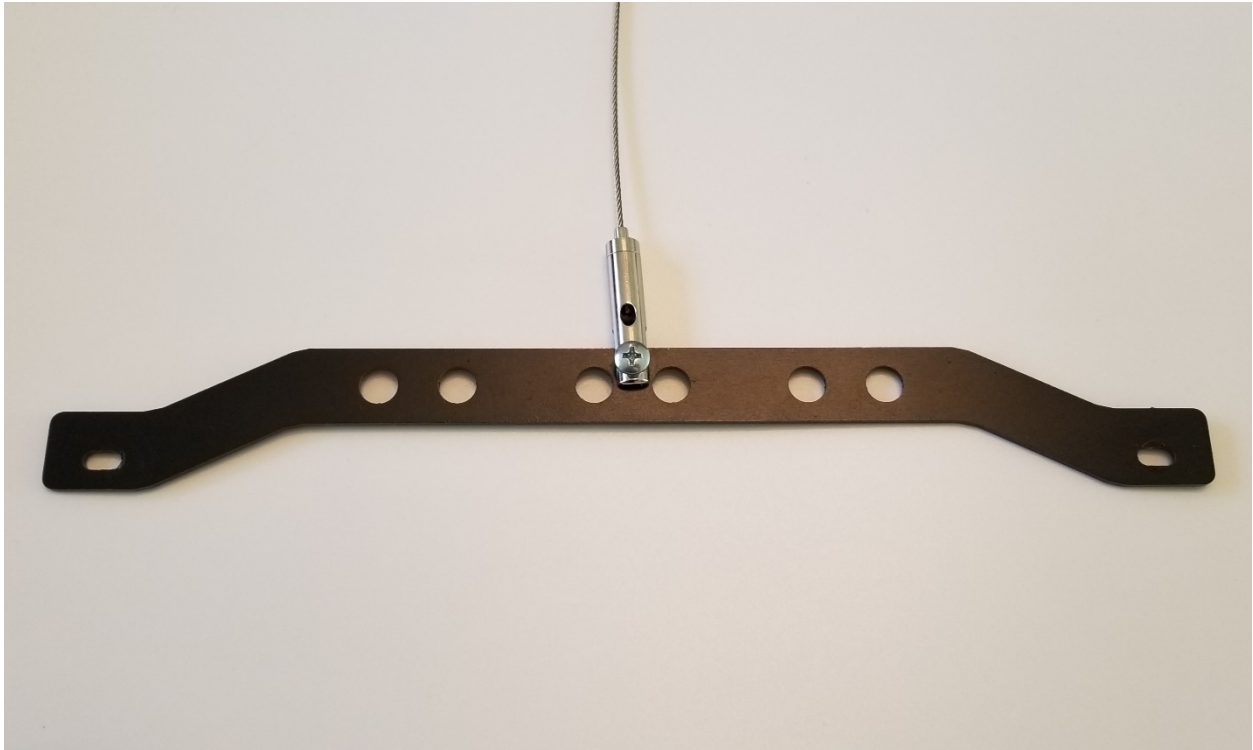
*Figure 8 XR15 with Light Brackets installed*

**AI Hydra 26, 32, 52, and 64:** Locate the two threaded holes on the top of your Hydra unit. Select two of the two **Silver M5 x .8mm thread x 25mm long** screws and install 2 of the included Black nylon washers provided. Mount two of the included light brackets to your Hydra unit. ***DO NOT install without the Black nylon washers installed as damage to the Hydra units can occur.*** It is **highly** recommended to carefully thread the screws by hand to ensure that the screws are not cross threaded and avoid over tightening.



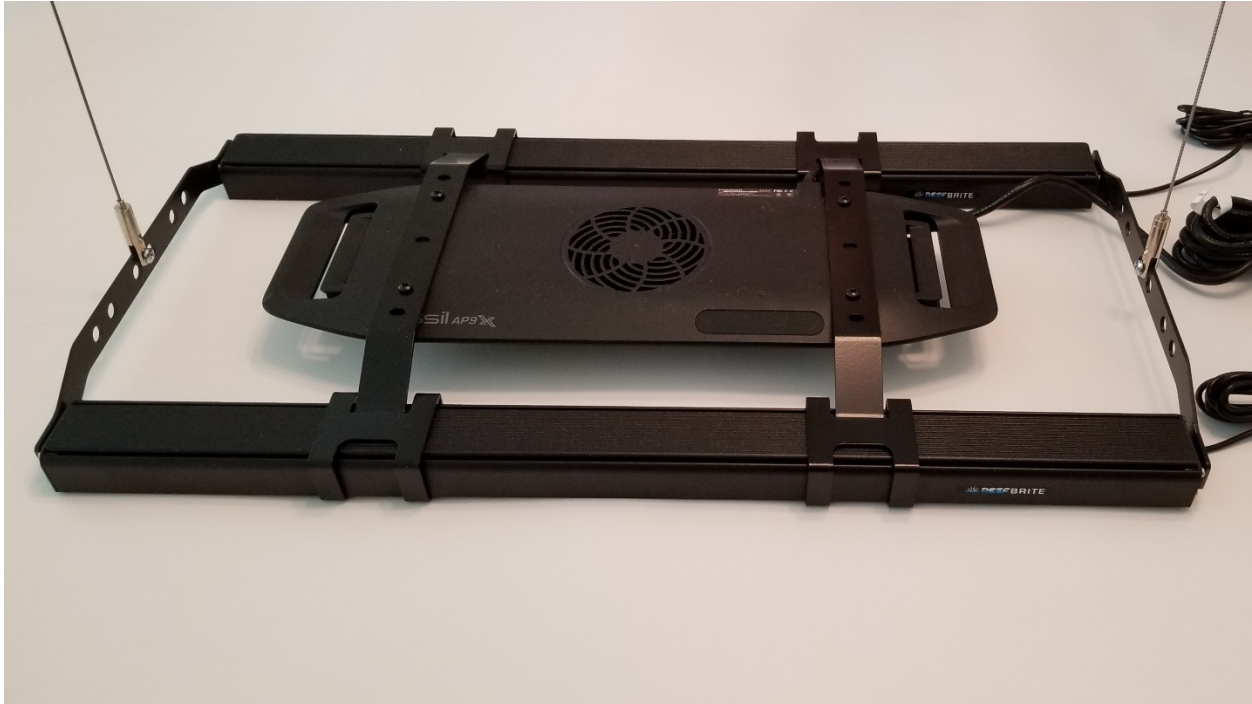
Once the light brackets are installed, slide the included XHO fixtures through the brackets and mount the two included endplates to the XHO's using the M4 screws located on the ends of the XHO's.

Install the hanger attachment to the endplates by loosening the screw on the hanger attachment and sliding it over the hole located at the top center of each end plate.



*Figure 9 Hanger attachment installed on end plate*

The completed setup should look like this.



*Figure 10 Completed X Series Dual installed on AP9X*

Carefully attach your completed system using the supplied hanging system. If unsure about the safe mounting and or attachment of the system, we recommend contacting a licensed professional to avoid serious personal injury or property damage.

Plug in system to a **GFI outlet (Recommended)** ensuring that proper drip loops are employed.

***Important note: Make sure all power supplies, electrical plugs, and electrical outlets are safely located so water cannot splash or spill on them. Use of power strips located on floors or any location where water can come in contact with them is dangerous and can cause serious injury or fire.***

***Ecotech Radion G5, AI Hydra and Kessil Mount systems\****

***The X Series system cannot be used with Flex Arm Mounts***

***\*Due to the weight of the X Series Dual, it is especially important to carefully check the specifications for the mount system you intend to use to ensure that your mount and tank can support the additional weight of the X Series system.***

If unsure about the mounting and or attachment of the system, we recommend contacting a licensed professional to avoid serious personal injury or property damage.

***Reef Brite will not be responsible for any damages that may result from improperly installed or mounted X Series systems.***

If unsure about the compatibility or installation of your *G5, AI Hydra and Kessil unit*, contact [joy@reefbrite.com](mailto:joy@reefbrite.com)

For faster service please provide your phone number and a good time to call.

***Radion XR series*** locate the four **Silver flathead M5 x .8mm thread x 12mm long** mounting screws included with your X Series kit.

***AI Hydra*** units locate the two **Silver flathead M5 x .8mm thread x 25mm long** screws that came with X Series kit (It will be necessary to remove the included Black nylon spacers).

Attach two of the light brackets (Per fixture) that came with your X Series system by installing them ***under*** the Multi Light or Double Arm rail mount you are using for your ***XR*** or ***Hydra*** series light so that the holes align with the threaded holes on your fixture.

It is ***highly*** recommended to carefully thread the screws by hand to ensure that the screws are not cross threaded and avoid over tightening.

***Do not attempt to use hardware not supplied with your X Series system as damage to your fixture could result.***