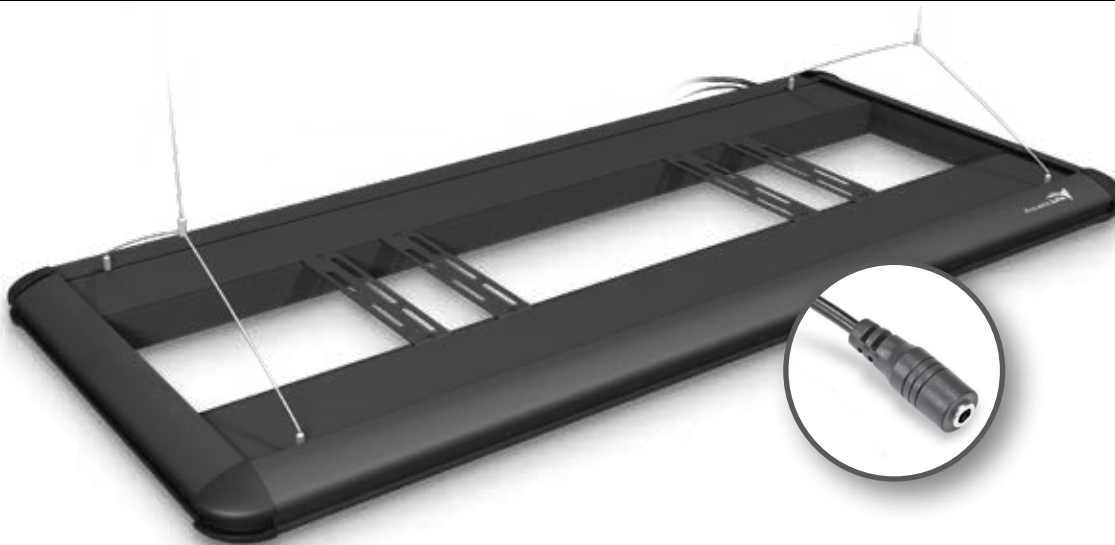


DX18 Fixture/APEX Connection

Models: 420624, 420625, 420626



IMPORTANT!

You must burn-in new T5HO lamps prior to dimming. Failure to do so will damage the lamps.

Questions?

email: customersupport@aquaticlife.com

PHYSICAL CONNECTION – APEX

The Apex Unit has two ports designated “V1/V2” and “V3/V4”. These 0-10V variable voltage outputs will allow control of the DX18 fixture(s).

Step 1 - Plug one end of the DX18 Control Cable into either the V1/V2 port or V3/V4 port on the Apex Unit.

Step 2 - Connect the other end of the Control Cable to the DX18 0-10V Input Jack.

LAMP CONTROL

The DX18 fixtures have two controllable channels. The two inside lamps are one channel. The two outside lamps are the second channel.

If Connected to V1/V2 Port

VARSPD1_I1 will control
Two **INSIDE** Lamps

VARSPD2_I2 will control
Two **OUTSIDE** Lamps

If Connected to V3/V4 Port

VARSPD3_I3 will control
Two **INSIDE** Lamps

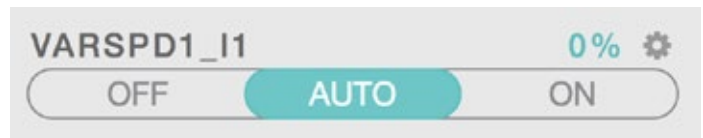
VARSPD4_I4 will control
Two **OUTSIDE** Lamps

TESTING THE CONNECTION

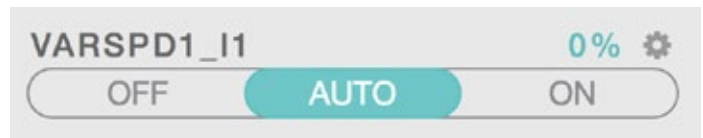
(Using The V1/V2 Port)

Step 1 - Login to your Apex web account and select the Apex Unit.

Step 2 - Locate the **VARSPD1_I1** channel and click the **ON** to manually turn on the two outside lamps. Do the lamps turn on 100%?



Step 3 - Click back to the **AUTO** setting after testing.



Step 4 - Locate the **VARSPD2_I2** channel and click the **ON** to manually turn on the two outside lamps. Do the lamps turn on 100%?

Step 5 - Click the **AUTO** setting after testing.

If the answer is **NO** to any of the above questions, go to www.neptunesystems.com/support

DX18 Fixture/APEX Connection

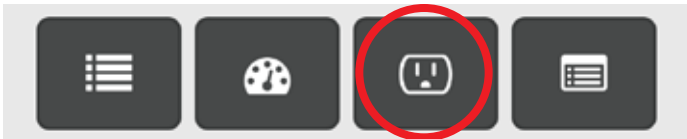
Models: 420624, 420625, 420626



TIP: RENAME THE OUTLET

It's recommended to rename the outlet to help identify which lamps it controls. In this case we will change the name of **VARSPD1_I1** to **INSIDE**

Step 1 - Select the Outputs icon on the dashboard.



Step 2 - Select the VARSPD1_I1 on the list.

ID	Name	Device	Type
0	VARSPD1_I1	base_Var1	variable

Step 3 - Select the Basic View icon on the dashboard.



Step 4 - Change name from VARSPD1_I1 to INSIDE

Device: base_Var1

Name:

Step 5 - Click the orange Update Apex icon to save your changes to the cloud.



INTENSITY CONTROL

Step 1 - While Output Configuration is open, select the Wizard icon on the top tool bar to reveal the graphing control page for your variable speed port.

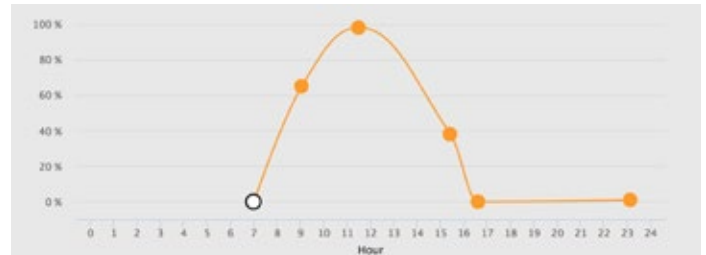


INTENSITY CONTROL (cont.)

Step 2 - Drag and drop the points on the graph to reflect how you would like the **White channel** to operate over the day.

The **X-Axis** is **TIME** in a 24-hour scale.

The **Y-Axis** is **INTENSITY** from 0% to 100%



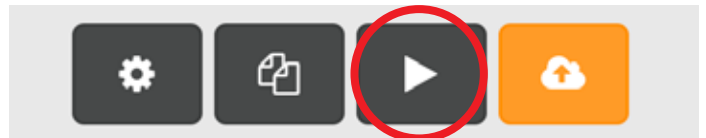
TIP: The HEP® ballasts used in the DX18 fixture are capable of intensity from 2% to 100%.

Step 3 - Click the orange Update Apex icon to save your changes to the cloud.



DEMO

To preview how your lights will operate, select the **Preview** icon adjacent to the Update icon. This will preview all light programming in a 20 second period.



EB8 OUTLET POWER

If you plan to power the DX18 with your EB8, it is important to program the EB8 outlet that will power the DX18. The outlet start and stop times need to be before and after the programmed times for the V1/V2 and V3/V4 ports.

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