

DMX Mode In DMX mode, Nexus™ Aw 7x7 panels are controlled by a DMX controller, and the DMX address and DMX personality must be set through the control panel.

The Nexus™ Aw 7x7 automatically senses its control source. When there is a DMX cable plugged in, the Nexus™ Aw 7x7 expects a DMX controller, or Master/Slave. When there is an etherCON® cable plug in, the Nexus™ Aw 7x7 expects an IP protocol, such as Art-Net™ or Kling-Net.

The Nexus™ Aw 7x7 has 5 DMX personalities, each with different capabilities. The table below lists the capabilities of each personality. For more information, see [DMX Address](#) and [DMX Personality](#) in the [Menu Operations](#) section of this manual.

Personality	Capabilities
5-channel	Strobe control
8-channel	Virtual gobo maps
49-channel	Pixel mapping
54-channel	Strobe and pixel mapping
57-channel	Pixel mapping and virtual gobo maps

Master/Slave Mode In Master/Slave mode one Nexus™ Aw 7x7 panel (the master) controls one or more Nexus™ Aw 7x7 panels (the slaves) without a DMX controller. The master panel is set to an auto program, or static color and sends DMX to the slaves so they do the same thing. For more information, see [Master/Slave Mode](#) in the [Menu Operations](#) section of this manual.



- **Do not connect a DMX controller to the DMX chain when operating Nexus™ Aw 7x7 products in Master/Slave mode, because signals from the master and the DMX controller will conflict and cause erratic behavior in all the products.**
- **Master/Slave operates via DMX ports only. The etherCON® ports cannot be used for Master/Slave mode.**



For more information about DMX, see the DMX Primer by Chauvet, available at www.chauvetlighting.com