# Lighting Equipment

This is the equipment we have for lighting the dance floor.

It is all DMX controlled.

## DMX Controllers

- ADJ DJ WMX1 Controller - a powerful, compact standalone DMX controller that is used to control lights in the dance area
  - Our [DMX Setup](#) page has setup details.
  - [Manufacturer's home page](#)
  - Visit [wolfmix.com/activate](#) for activation and help getting started
- [ADJ Airstream Bridge](#) (plus iPad to control it) - An older device that works reasonably well as a simple, backup DMX controller

## DMX controlled lights

- 6 (six) [ADJ 7P HEX IP](#) with 3pin DMX plugs and Neutrik True1 for power - daisy chainable
- 10 (ten) [ADJ 7P HEX IP](#) with 5pin DMX plugs and Neutrik True1 for power- daisy chainable
- 4 (four) [ADJ Saber Spot RGBW LED Pinspot](#)  with 3pin DMX plugs and Neutrik PowerCon for power - daisy chainable
- 8 (eight) [DJXFLI 120W Moving Head DJ Lights](#) (cheap amazon random stuff) with 3pin DMX and Neutrik PowerCon for power - not daisy chainable

## Power cables

Note there are two kinds. Neutrik PowerCon is the old kind("blue and grey"), shown here on the left -- it is not designed to be unplugged under load. Neutrik True1 is the new kind which can be unplugged under load and is therefore safer.

# Inventory

| Description | Length | Inventory 2024 | New for 2025 |
|---|---|---|---|
| Nema 5-15P to True1 (plugs PAR lights into normal outlet) | 6' | 16 | 0 |
| True1 Daisy Chain (plug one PAR light into neighbor) | 10' | 0 | 5 |
| True1 Daisy Chain (plug one PAR light into neighbor) | 15' | 7 | 0 |
| True1 Daisy Chain (plug one PAR light into neighbor) | 25' | 6 | 0 |
| Nema 5-15P to PowerCon (plug spots and moving heads into power) | 6' (?) | 12 (?) | 0 |
| PowerCon Daisy Chain (plug one spot into neighbor) | 6' | 0 | 2 |
| Nema 5-15R to PowerCon (plug DMX TX and RX into PinSpot) | 1' | 0 | 2 |

# DMX cables

DMX cables come in 5-pin and 3-pin variations. Note that ten of our PAR lights use 5-pin and everything else is 3-pin.

**Did you know -** DMX cables, used for lighting control, look the same as XLR cables, used for speakers, but they have a different impedance, so don't mix them up.

The last "output" in a chain of DMX cables must have a terminator on it.

| Description | Length | Inventory 2024 | New for 2025 |
|---|---|---|---|

| | | | |
|---|---|---|---|
| 3-pin DMX | 6.5' | 0 | 13 |
| 3-pin DMX | 10' | 8 | |
| 3-pin DMX | 15' | 3 | |
| 3-pin DMX | 25' | 15 | |
| 3-pin DMX Terminator | | 0 | 2 |
| 5-pin DMX | 6.5' | 0 | 7 |
| 5-pin DMX | 15' | 8 | |
| 5-pin DMX | 25' | 9 | |
| 5-pin DMX | 50' | 4 | |
| 5-pin DMX Terminator | | 0 | 2 |
| 3-pin F to 5-pin M adapter | | 6 | |
| 3-pin M to 5-pin F adapter | | 6 | |