

DMX Control Cont.

DMX cables must be acceptable for DMX data transmission (not microphone cable) and should follow the standard pin-out. The maximum DMX data run from any DMX source to the last fixture in a chain is 1000 feet (300m).

DMX-512 Pin-Out:

- 1 Common (Shield)
- 2 Data –
- 3 Data +
- 4 Not Connected
- 5 Not Connected

NOTE: Connecting pin 4 to pin 5 out of the F8 unterminates the instrument. To enable DMX mode on the F8, press and hold down the “MODE” button for 5 seconds. The instrument will enter DMX mode and display “DMX: ##.” Release the button and turn the “MODE” knob to select a start address number for the fixture. A start address of 1 to 512 can be selected for each light. The Dimmer knob will now be disabled while in DMX mode. All control of the fixture will happen on your DMX console, including turning the instrument on and off as well as all dimming control. Plug in a standard 5-pin XLR cable into the DMX Breakout Jack on the F8 (if it is the last light in your DMX chain) or into the F8 DMX Interface Box to daisy chain multiple fixtures.

PLEASE NOTE: While in DMX mode all other F8 controls are disabled. To restore dimming and on/off control to the light, you must take the unit out of DMX mode. To do this, simply press and hold the “MODE” button for 5 seconds, and the F8 will go back to manual mode, giving the user local control of the instrument.

Notice: Do not use the ground lug on the XLR connector. Do not connect the cable’s shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR’s outer casing. Grounding the shield could cause a short circuit and erratic behavior.

DMX Channel Assignments

Channel	Function	Values
1	Power	OFF = 0 - 49% ON = 50 - 100%
2	Brightness	0 - 100%
3	Mode	Silent = 0 - 49% Boost = 50 - 100%