

NSI DDR DIMMING RACK

POWER DISTRIBUTION UNIT

OPERATION GUIDE

Main Power Connections

Camlok style "J" series connectors are for connection of up to a 300 Amp 120/240 VAC or 120/208 VAC electrical service.

These connections must be made by qualified persons only! Connection sequence is extremely important! Ground (green) must be connected first and disconnected last! Neutral (white) must be connected second and disconnected second to last!

INSURE THAT NEUTRAL (white) and GROUND (green) ARE CONNECTED SECURELY AND PROPERLY BEFORE APPLYING POWER. SAFETY GROUND (green) MUST NEVER BE LEFT UNCONNECTED WHEN POWER IS APPLIED TO POWER DISTRIBUTION UNIT.

Units wired for single phase will only connect black and red phase legs. Units wired for three phase must have all three phase legs (black, red, blue) must be connected.

Utility Outlet

A 20 Amp 120 VAC outlet is provided for additional equipment. Do not exceed the rating of this outlet. Circuit breaker for this outlet is located on the front panel. This outlet must be energised whenever the dimmer pack is operating loads, due to the fact that the same circuit breaker also supplies the main exhaust fan.

Front Panel Indicator Lights

These lights indicate the presence of voltage at each of the main power connectors, regardless of the position of the optional phase changeover switch.

Dimmer pack branch breakers

These circuit breakers control the power feed to each dimmer pack. The uppermost pack is designated as unit #1.

Utility Outlet Branch Breaker

This circuit breaker supplies power to the main cooling exhaust fan and the utility outlet located on the rear of the unit.

THE UTILITY CIRCUIT BREAKER MUST BE LEFT IN THE ON POSITION WHENEVER THE DIMMER IS OPERATION LOADS TO INSURE PROPER COOLING OF THE DIMMER PACKS.

Phase Changeover Switch

If installed, this option allows the dimmer rack to operate on three-pole three-phase power or two-pole single-phase power by changing the switch position.

WARRANTY

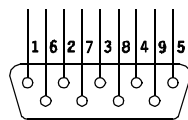
NSI Corporation Limited Warranty

NSI Corporation warrants new electronics products to be free from defective materials and workmanship for a period of one (1) year from the date of purchase to the original owner when purchased from an authorized NSI dealer.

The purchaser is responsible for completing and mailing to NSI, within 15 days of purchase, the warranty registration card enclosed with each product. NSI products that have been subject to accident, alteration, abuse, or defacing of the serial number are not covered by this warranty. The normal wear and tear of items such as knobs, jacks, and switches are not covered under this warranty.

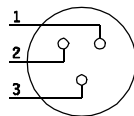
If your NSI product requires service during the warranty period, NSI will repair or replace, at its option, defective materials provided you have identified yourself as the original owner of the product to NSI or any authorized NSI dealer. Transportation charges to and from an authorized dealer or the NSI factory for repair shall be the responsibility of the owner. All products returned to NSI must have factory authorization for return prior to shipping.

NSI Corporation is not liable for any incidental or consequential damages resulting from defect or failure other than repairs of the NSI product subject to the terms of this warranty. This warranty gives you specific legal rights, and you may have other rights which vary from state to state. This warranty is expressly in lieu of all other agreements and warranties expressed or implied except as may be otherwise required by law.



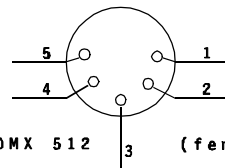
Analog input

- 9: common
- 1: chan 1
- 2: chan 2
- 3: chan 3
- 4: chan 4
- 5: chan 5
- 6: chan 6
- 7: chan 7
- 8: chan 8



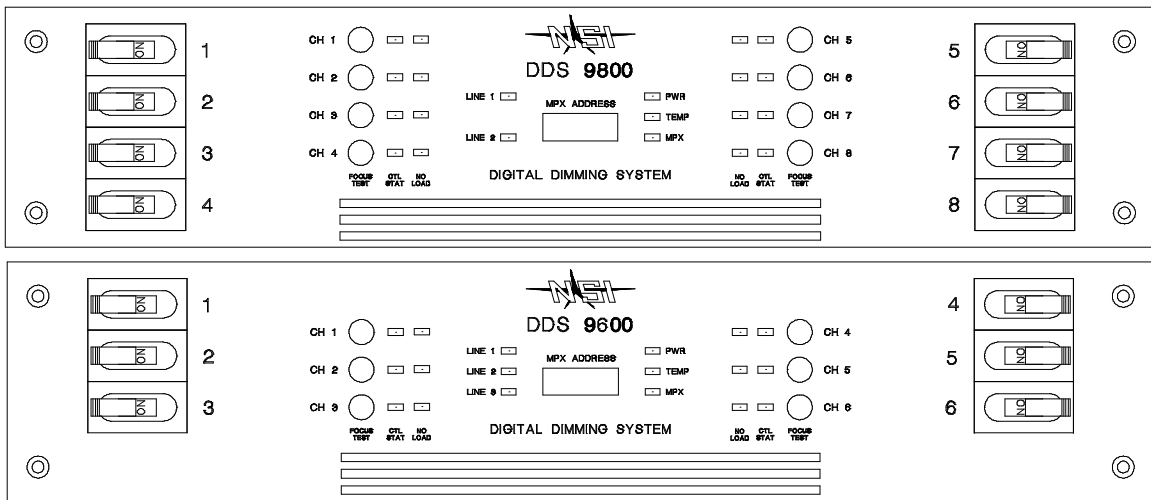
Microplex
(female)

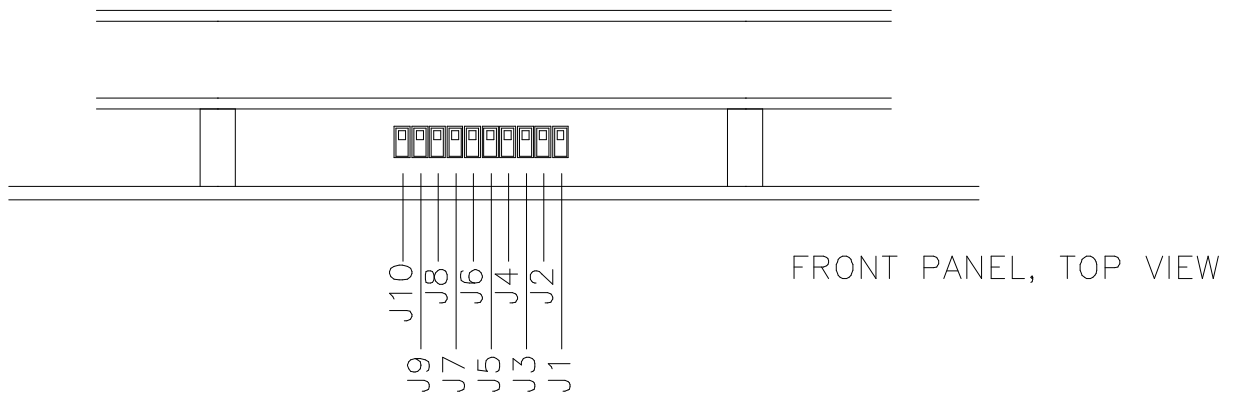
- 1: common
- 2: +15v
- 3: data



DMX 512
(female)

- 1: common
- 2: data -
- 3: data +
- 4-5: not used





CHANNEL	JUMPER BLOCK	CHANNEL	JUMPER BLOCK
1	J10	2	J9
3	J8	4	J7
5	J6	6	J5
7	J4	8	J3

