

AS - 41 and AS - 412 DIMMER**IMPORTANT**

Please take a moment to read this manual before you power up.

DESCRIPTION

The AS-41 and AS-412 are compact 4 channel light dimmers. The AS-41 has a maximum capacity of 1200 Watts per channel and maximum total load capacity of 2400 Watts. It is supplied with a single input power connector. The AS-412 has maximum capacity of 1200 Watts per channel and a total load capacity of 4800 Watts. It supplied with 2 input power cord stubs which may be connected to 2 different power phases.

INSTALLATION

- The dimmers are designed to be mounted to a lighting bar or truss using a C clamp. Locate dimmers in a well ventilated area away from moisture and extreme heat. Please use common sense.
- The dimmers are compatible with both the Lightronics and NSI/Sunn multiplexed protocols. A selector switch on the front panel must be set to match the type of console protocol you are using. **IMPORTANT!** When using multiple dimmers, ALL dimmers **MUST** be set to the **SAME** mode. A LED indicator near the switch shows the mode setting. It is green for "Lightronics" mode and red for "NSI/SUNN" mode.
- The male three pin XLR connector, labeled IN, connects to the control console. The female connector is for connection to additional dimmers.

POWER CONNECTION

AS-41: Connect a power cord rated for at least 20 amps at 120 VAC to the power input connector. Total power of all channels **COMBINED** must not exceed 2400 watts.

AS-412: Extending from the chassis are two 20 amp line cords for connection to 2 separate 120 VAC, grounded services in any phase combination. Total capacity of the AS-412 is 4800 watts.

OPERATION

On the front panel is a DIP switch block that selects the starting channel number of the dimmer. For example, if all switch positions are down (the "0" position) the dimmer will respond to channels 1-4. Moving the switch position on the far right up to the "1" position will set the dimmer to respond to channels 5-8. A complete table of, channel assignments is printed on the back of the unit.

IN CASE OF DIFFICULTY

- Check that you have power applied to the dimmer.
- Check that all light fixtures are functional.
- Check the fuses.
- Check the multiplex cable.
- Check the settings of the dimmer DIP switches.

If service is required, contact the dealer from whom you purchased the dimmer, or Lightronics, Service Department, 509 Central Drive, Virginia Beach, VA 23454. Tel: 757 486 3588.

USER MAINTENANCE

The only user servicable parts are externally accessible fuses. Replace fuses **ONLY** with 10 Amp, fast blowfuses. Internal service on the unit by other than Lightronics authorized agents will void the warranty.