



Pro Intercom LLC ©

Intercom for Sound, Lighting and Production Professionals

## Operating Instructions

# Blazon 180 Intercom Xenon Signal Light

### Connection:

The **Blazon 180** is connected into a **Pro Intercom** (or compatible) headset intercom system in the same manner as a 'belt pack'. It has two 3-pin XLR connectors on the rear panel. By convention, and to differentiate from microphone inputs, the female connector is designated as 'input'. The male connector is provided for looping onwards to the next station in the system. Reversing the connections will not affect the operation of the **Blazon 180**. XLR pin configuration: X (Pin 1) - shield; L (Pin 2) - 24~ 30 VDC; R (Pin 3) - audio, and signal light trigger voltage.

### Power:

**Blazon 180** is powered by the intercom power supply, and requires no batteries or external power source. In its 'Ready' mode the unit draws 21.1 mA. With the strobe it requires 130 mA. The unique, low current drain xenon lamp makes this possible. When calculating power supply requirements, you may consider **Blazon 180** the approximate equivalent of 4 'belt packs'. Provided adequate current is available, multiple **Blazon 180s** may be used in a system.

### Operation:

**Blazon 180** is triggered by the same voltage which lights the signal lamps in the intercom system. Whenever any signal lamp button on any station in the same circuit is pressed, the **Blazon 180** will be activated. Circuitry is provided to sustain the **Blazon 180** for 4 seconds after being triggered. The xenon lamp has a flash rate of 2 Hz, resulting in approx. 8 flashes per cycle.

### Technical Specifications:(Subject to change without notice)

Supply voltage: 24~30 VDC nominal

Switch-on voltage: 4 Volts minimum

Switch-off voltage: 5 Volts minimum

Switch-on time: 75 milliseconds

Switch-off time: 4 seconds

Flash Rate: 2 Hz

### Pro Intercom LLC

PO Box 7035 Algonquin Illinois 60102-7035

Phone: +1 (815) 680-5205    Orders and Tech support: (888) 320-5928    Fax: +1 (815) 526-8689

support@prointercomllc.com    Skype: intercom4pros