

Wherever there's a show...



**Blazon/4TX**  
**Xenon Signal Light**  
**for**  
**Balanced**  
**Intercom Systems**

## Operating Instructions

### Connection:

The **Blazon/4TX** is connected into a balanced headset intercom system, typically Telex<sup>®</sup>, 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/4TX**. XLR pin configuration: X (Pin 1) - shield; L (Pin 2) - 24~ 30 VDC+ audio low; R (Pin 3) - 20~30VDC, audio high, and signal light trigger tone.

### Power:

**Blazon/4TX** 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/4TX** the approximate equivalent of 4 'belt packs'. Provided adequate current is available, multiple **Blazon/4TXs** may be used in a system.

### Operation:

**Blazon/4TX** is triggered by the same 20kHz tone which lights the signal lamps on intercom stations. Whenever any signal lamp button on any station in the same circuit is pressed, the **Blazon/4TX** will be activated. Circuitry is provided to sustain the **Blazon/4TX** 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 time: 75 milliseconds

Switch-off time: 4 seconds

Flash Rate: 2 Hz

Flash power: 0.75 Joules

Input impedance: 1 MegOhm minimum

#### Production Intercom Inc.

P.O. Box 3247, Barrington, IL 60011-3247

Voice: (847) 381-5350 Fax: (847) 381- 4360 Sales & Technical Assistance (US & Can): (800) 562-5872  
e-mail: support@beltpack.com Web: beltpack.com