

Wherever there's a show...



Blazon/3TX
Xenon Signal Light
for
Balanced
Intercom Systems

Operating Instructions

Connection:

The **Blazon/3TX** is connected into a balanced headset intercom system, typically Telex[®], 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/3TX**. 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/3TX 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/3TX** the approximate equivalent of 4 'belt packs'. Provided adequate current is available, multiple **Blazon/3TXs** may be used in a system.

Operation:

Blazon/3TX 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/3TX** will be activated. Circuitry is provided to sustain the **Blazon/3TX** for 4 seconds after being triggered. The xenon lamp has a flash rate of 2 Hz, resulting in approx. 8 flashes per cycle.

The **Blazon/3TX** is also equipped with an audible alert. The front panel switch allows the choice of Constant, Pulse or Off. An internal control is provided for controlling the volume of the sonic alert. Insert a small screwdriver gently into the hole on the back plate, just off the bottom right corner of the Production Intercom logo. This control makes less than one full turn from min. to max. so it needs to be 'tweaked' rather than turned.

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

Current consumption: Ready - 21.1 mA Strobe only - 130 mA Strobe & Annunciator - 140 mA

Size: 3.70 x 4.40 x 5.80 in. (93.98 x 109.22 x 147.32 mm.) Weight 20 oz. (0.567 Kg.)

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