



## Rack Mount Combination Headset Station & Xenon Alert

**Performance:** The HS-1R/L is a combination of two well established products, the HS-1 headset station and the xenon (strobe) light elements from our Blazon series. Like all HS-1 versions, the HS-1R/L provides the same facilities as our BP-1 portable headset stations (belt packs) but in a format suitable for rack mounting. Frequency response has been carefully shaped to optimize both intelligibility and long-term listening comfort.

A mic limiter circuit reduces over-load distortion. The high bridging impedance ensures that system and sidetone levels do not vary as other stations are switched in and out of the circuit.



The front panel contains controls for switching the microphone on and off, for controlling listening level, and for signaling. A recessed, screwdriver-adjust control is provided for varying the level of the user's voice to be heard in his own earphone (sidetone). The HS-1R/L has 3-pin XLR connectors on the rear panel for connection of the station and daisy chaining on to the next station in the circuit. The headset or handset connects to the station via a front-panel 4-pin XLR connector. The xenon lamp on the front panels lights whenever anyone on the same circuit presses their signal light button. A built in timer keeps the signal light circuit activated for 4 seconds and the lamp has a 2 Hz frequency, providing 7 to 8 flashes each time.

**Durability:** Long-life switches and controls are used. The 2U (3.5") rack-mount cabinet is fitted with sturdy rack 'ears' and is constructed to withstand the rugged use associated with touring.

**Value:** Simplicity of construction affords the use of high quality components while maintaining a favorable cost/benefit ratio.

**Compatibility:** The HS-1R/L is compatible with Clear-Com<sup>®</sup> and other lesser-known (unbalanced 200Ω) headset intercom systems.

### Technical Specifications:

(Subject to change without notice)

Power requirement: 24 ~ 30 VDC, 10mA quiescent, 120mA max.  
(with xenon lamp lit)

Headphone output: 8 ~ 4KΩ acceptable, 200Ω ideal.

Microphone input: 200 ~ 600Ω dynamic

Sidetone rejection: > 50dB

Audio bridging impedance: 200 Ω unbalanced

Size: 3.50 x 19 x 7.0 in. (8.89 x 48.26 x 17.78 cm)

Weight: 2.5 lb. (1.13 Kg)

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