



Pro Intercom LLC ©

Intercom for Sound, Lighting and Production Professionals

BP1 Portable Headset Station (Beltpack)



This BP-1 has an Electret/Dynamic Switch located on the rear panel. When pushed to the "In" position the unit will operate with an Electret Mic. When in the "Out" position the unit will operate with a standard dynamic Mic.

✓ Performance

✓ Durability

✓ Value

✓ Compatibility

Performance: The BP1 portable headset station may be worn on the belt or hung on the wall by its sturdy belt-clip. Soft plastic strips on the underside help hold it in place when set on top of a console. The matte black finish minimizes visibility.

Frequency response has been carefully shaped to optimize both intelligibility and long-term listening comfort. A mic. limiter circuit reduces overload 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 top (front) panel contains controls for switching the microphone on and off, for controlling listening level, and for signaling. They are easily identifiable by touch, in the dark. A recessed, screwdriver-adjust control is provided for varying the level of the user's voice to be heard in his own earphone (Sidetone). A long-life, extremely bright, 4-segment LED serves as the signal light. The back (bottom) panel provides a 3-pin female XLR for connection to the system; a 3-pin male XLR for looping onwards to the next station; a 4-pin male XLR for connection of any standard communications headset; and a switch for choosing between dynamic or electret headset microphone.

Durability: The ribbed, extruded aluminum case; glass-filled nylon end bezels; internal support system for the PC board; best-quality XLR-type connectors, and recessed controls, all contribute to the outstanding ability of the BP1 to withstand rough usage.

Value: The comparatively low price of the BP1 is made possible by the minimized assembly cost resulting from simplicity of design & construction. Simple construction also affords the use of higher quality components, and increases the ease (thus lowering the cost) of servicing.

Compatibility: The BP1 is plug-in compatible with Clear-Com[®] and other popular headset intercom systems

Technical Specifications: (Subject to change without notice)

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

Headphone output: 8~4K acceptable, 200 ideal

Microphone input: 200 Dynamic or 1.2K electret

Sidetone rejection: >50dB

Audio bridging impedance: 200 unbalanced

Size: 3.70 x 4.30 x 2.50 in. (93.98 x 109.22 x 63.5 mm)

Weight: 13.5 oz. (0.385Kg>)

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