

## BP2 & BP2B True 2-Circuit Portable Headset Stations (Beltpacks)



✓ Performance

✓ Durability

✓ Value

✓ Compatibility

**Performance:** The BP2 or BP2B 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. Both are true 2-circuit units, permitting the user to talk and/or listen to either or both circuits simultaneously. Separate controls are provided for each circuit.

The BP2 mixes the incoming audio from both circuits to one earphone.

The BP2B supplies separate audio from each circuit to each ear (binaural).

The top (or front) panel contains controls for switching each microphone circuit on and off, for controlling each listening level, and for signaling on each circuit. They are easily identifiable by touch. 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 bottom (or back) panel provides two 3-pin female XLRs for connection to two circuits, and a male XLR for connection of any standard communications headset with a dynamic microphone. Since each of the two back panel 3-pin female XLRs are dedicated to one of the two circuits, it is not possible to loop-through these stations. To loop onwards requires a y-cable consisting of one 3-pin male XLR and two 3-pin female XLRs. The BP2 has a 4-pin headset connector; the BP2B has a 5-pin.

**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 BP2 and BP2B to withstand rough usage.

**Value:** The comparatively low prices of the BP2 and BP2B are made possible by the minimized assembly cost resulting from simplicity of construction. Simple construction also affords the use of higher quality components, and increases the ease (thus lowering the cost) of servicing.

**Compatibility:** The BP2 and the BP2B are plug-in compatible with Clear-Com<sup>®</sup> and other popular 200 $\Omega$  unbalanced 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 $\Omega$  acceptable, 200 $\Omega$  ideal

Microphone input: 200 ~ 600 $\Omega$  Dynamic

Sidetone rejection: >50dB

Audio bridging impedance: 200 $\Omega$  unbalanced

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

Weight: 13.5 oz. (0.383 Kg.)

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