



Pro Intercom LLC ©

Intercom for Sound, Lighting and Production Professionals



BP.15 Miniature Portable Headset Station (Belt Pack)

- ✓ Performance
- ✓ Durability
- ✓ Value
- ✓ Compatibility

Performance: The BP.15 continues our tradition of superior performance, now in a tiny package, 1/7th (0.15) the size of our BP1 (by volume). All the functions of a full-sized belt pack are retained. The signal button and the mic. On/Off button are shaped differently for easy recognition by touch, in the dark. Two LEDs are mounted, one to indicate signaling (red, bright) and one (green, low output) to indicate that the microphone is On. The BP.15 is available with an optional vibrator in addition to the standard signal LED. The volume control is a thumbwheel, again reducing the likelihood of accidental damage. There are two recessed controls. One controls 'sidetone' - the sound of your own voice which you hear in your own earpiece. The second recessed control adjusts the sensitivity of the microphone input circuit to allow for different outputs of dynamic and electret microphones. The microphone input circuit includes a limiter which keeps the microphone input from being overloaded, causing distortion. The amplifier circuit delivers a crisp, clear signal to the earpieces for excellent speech recognition, but with a wide enough frequency response to minimize the possibility of ear fatigue during a long performance. Miniaturization has its costs. The size will not accommodate the conventional three XLR jacks on the bottom (rear) panel. The 4-pin headset jack had to be retained but we have substituted a miniature XLR-type jack for the other two. The BP.15 comes with a cable constructed from a length of our steel reinforced cable with the miniature plug on one end and a 3-pin female XLR on the other. A second cable is available with the miniature plug on one end feeding into a Y with a male XLR on one leg and a female on the other for looping onward to the next station in the system.

Durability: Our BP1 has a long reputation for ruggedness and reliability. The BP.15 incorporates the very same characteristics that earned the BP1 those accolades. The cabinet is a strong, aluminum extrusion with internal ribbing which not only adds to its strength but provides for support of the printed circuit board along the full length of both sides. The durable end bezels deflect damage. The same (almost indestructible) belt clip used on the BP1 is used on the BP.15. Realizing that belt packs are bound to live a rough life, we take every possible opportunity to secure components and 'ruggedize' the complete product.

Value: Simple, quick assembly has kept the cost of the BP.15 very competitive. Use of only the best available components results in a low predicted incidence of warranty repairs - probably the most important cost savings of all.

Compatibility: The BP.15 is designed to operate with all 18~30VDC, 200 unbalanced intercom systems.

Technical Specifications:

Power requirement: 18~30VDC, 10mA quiescent
30 mA max, with both lamps lit.
Headphone output: 8~4K acceptable, 200 ideal
Microphone: Dynamic 200~600 Electret: 1.0~1.8k

Audio bridging impedance: 200 unbalanced
Size: Case only: 3.4 x 2.1 x 0.9 in 8.6 x 5.3 x 2.3 cm
Overall: 3.8 x 2.3 x 1.4 in 9.7 x 5.5 x 3.3 cm
Weight: 4.8oz 136g

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