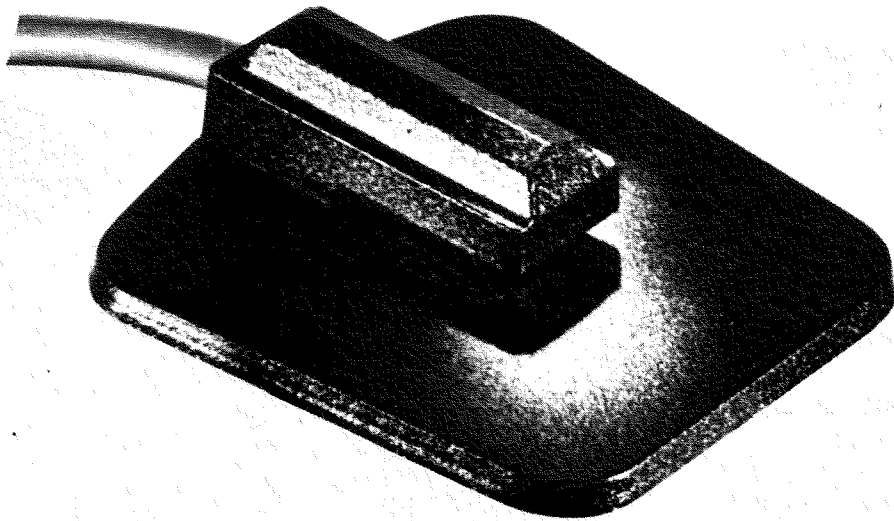




PZM-2LV PRESSURE ZONE MICROPHONE



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Crown PZM technology has now been expanded to include two convenient clip-on models. Broadcasters and interviewers will especially benefit from its sonic accuracy and excellent reach. These new microphones are also appropriate for instrument pickup or for stage miking when visibility is a problem.

The Crown 2LV can be clipped to any convenient article of clothing. The capsule and plate rotate to four detented positions so the cord will always hang straight down. The baked finish on the 2LV is a non-reflective, scratch resistant gray.

The design of the 2LV microphone, like all Crown PZMicrophones, is based on the Pressure Recording Process™ (PRP™) in which pick-up depends on pressure waves created in the boundary layer defined by the plate. Those familiar with PRP will recognize that the small plate size of these mikes creates a response curve that rolls-off below 300Hz. In normal use, the planes of the body to which the mike is clipped can extend this boundary, reducing the roll-off.

For voice communication (300 to 3KHz), the 2LV provides significant advantages. Two-person interviews can be conducted with one mike, and the interviewer need not worry about mike

position — the 2LV has a hemispheric pickup and will faithfully reproduce both voices.

The Crown PZM clip-on mikes are also resistant to microphonics and can be mounted behind articles of clothing (lapels, scarves, neckties, etc.) with only slight attenuation.

On stage, the 2LV can be used for pickup in areas where an ordinary mike would be too noticeable. For example, the mike can be clipped to a piece of scenery. The microphones are available for wireless miking, either for actors or for mounting on scenery. In addition, the 2LV can be used as instrument pickups.

Power supplies for the PZM-2LV clip-on offer the user and engineer a choice of configurations.

The PX-TL supply has a belt clip for attachment to the user's clothing and a male XLR connector for wiring into a mixer. For maximum mobility, the 2LV includes a Switchcraft #TA4F connector to interface with wireless transmitters.

The PX-18BL is a Crown PX-18B power supply (see applicable specification sheet) with an adapter permitting its use with the 2LV. This power supply also can operate as battery or phantom (switch selectable).

General Specifications

Frequency Response: 50Hz to 15KHz.

Polar Pattern: Hemispherical.

Electrical Impedance: with PX-TL, PX-TLB, PX-18BL - 150 ohm balanced,

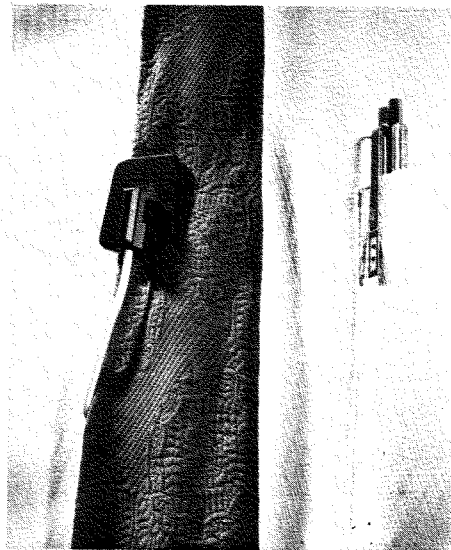
Normal Loading Impedance: 1000 ohms.

Total Harmonic Distortion: 3% at 150dB-SPL.

Signal To Noise: Less than 26dB-SPL (equivalent acoustic input).

Sensitivity: Open circuit voltage Sv - 76dB, 0dB = 1 volt per microbar; power level SP -53dBm, 0dBm = 1 milliwatt per 10 microbars; EIA rating GM -148dB, 0dB = EIA Standard SE-105 August, 1949.

Cable Length: Cord from mike to supply is 3.5 feet.



PX-TL TUBULAR Transformer Supply

Weight: 2 ounces.

Dimensions: .750 diameter x 4.00 long (10.16cm x 1.90 cm)

Construction: Steel tube for best shielding and durability possible.

Circuit: High performance active circuit to produce signals with the least possible distortion.

Output: Balanced normally terminated by 1000 ohms or greater.

Phantom Supply: 48 volts for best performance but will operate from 18 to 48 volts.

Connectors: XLR type female input, male output.



clip & rotating disc
assembly



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