TRANSPORTIZED Communications MICROPHONES

Quality performance Field Effect amplified microphones for amateur, citizens band, mobile, aircraft, marine, etc. applications.

FEATURES and SPECIFICATIONS

- **Output Levels**:
  - 44 dB @ 1000 Hz re 1 volt/microbar into 1 megohm load.
  - 50 dB @ 1000 Hz re 1 volt/microbar into 5000 ohm load.
  * At max. gain setting.

- **Output Adjustment**: Approx. 40 dB range adjustable through hole in rear housing. Use control knobs supplied or small screwdriver.

- **Output Impedance**: Below 5000 ohms.

- **Recommended Load**: 100 ohms and up, performs well over entire impedance range up to open circuit.

- **Solid State**: Field effect transistor amplifier and ceramic element have good temperature capability and humidity tolerance.

- **Frequency Response**: Tailored for voice range transmission for maximum intelligibility and clarity. (Refer to curve.)

- **Polar Pattern**: Semi-directional.

- **Switch**: Operated by press-to-talk lever. DPDT switch with spring return disconnects battery in "OFF" position. Operates control circuit and amplifier in "ON" position. Long life, trouble-free switch has smooth feel when operated by either hand.

- **Control Circuit**: The D104-M6 is factory wired so that "RELAY", "ELECTRONIC" or "SPECIAL" switching is determined by the hookup at the plug or in the transmitter for wired units. (Refer to schematic.)

- **Cable**: Five conductor (one conductor shielded) coiled cord that extends to 7½ feet. Durable strain relief bushing protects against cable breakage at microphone housing.

- **Housing**: Attractive, durable high impact molded Cyclocel.

- **Finish**: Front half is bright chrome plated; rear half is charcoal grey.

- **Fully Shielded**: Reduces possibility of external interference and RF feedback.

- **Battery**: Uses 7 volt mercury battery. (Mallory TT175 or equal.)

- **Mounting Bracket**: Design permit mounting on vertical or horizontal surface.

- **Size**: 3-3/8" high x 2-3/8" wide x 1-21/32" deep. (See drawing.)

- **Weight**: 7-3/4 ounces.

Model D104-M6

MINUTEMAN II

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Specifications: D104-M6

Service Note: The Model D104-M6 is designed for easy, quick field replacement of the battery.