TRANSISTORIZED Communications MICROPHONES

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

FEATURES and SPECIFICATIONS

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

- **OUTPUT ADJUSTMENT**: Approx. 40dB range adjustable through hole in rear housing. Use control knob 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 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. 4PDT 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 in the transmitter for wired in units. (Refer to schematic.)

- **CABLE**: Five conductor (one conductor shielded) coiled cord that extends to 7/3 feet. Durable strain relief bushing protects against cable breakage at microphone housing.

- **HOUSING**: Attractive, durable high impact molded Cycolac.

- **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 TR175 or equiv.)

- **MOUNTING BRACKET**: Design permits 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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Printed in U.S.A.
Specifications: D104-M6

Typical Response—Frequency Characteristics

[Graph showing frequency response in dB across different frequency bands]

Mounted Bracket

[Diagram showing mounting bracket dimensions]

D104-M6 Schematic

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

GLD D104-M6