

EC-2043

ECHO POWER MICROPHONE

SPECIFICATIONS

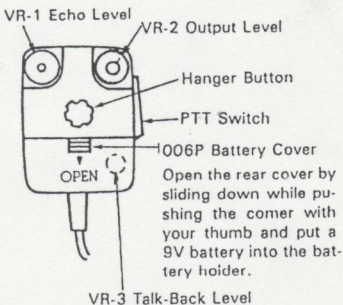
Sensitivity	: -25 dB at 1,000 Hz (at Max. output & Min. echo)
Impedance	: 1 Kohm
Frequency Response	: 150—3,500 Hz
Echo Frequency Response	: 200—3,000 Hz
Echo Time	: Maximum .180m second
Battery	: 9 Vdc (006P or PP3)
Battery Life	: 70 Hrs (Continuous Use)
Internal Noise	: 0.6 mV
Mike Element	: ECM type

OPERATING INSTRUCTIONS

1. Open the back cover of the mike. Install a 9 Volt battery. Check installation by pressing the PTT button and verifying the red LED on the front of mike is on.
 2. Connect the microphone to your transceiver.
 3. Adjust the output volume control (VR-2) for optimum modulation.
 4. Adjust the Echo Level (VR-1) to desired depth. NOTE: The echo level is the number of repetitions. This can be used to turn off the echo by adjusting for a zero (minimum) setting.
 5. Adjust talk-back control (VR-3) for desired effect.
- NOTE: Feedback will occur if the talk-back is too high or the output level is too high. Careful adjustments of these controls is necessary.

NOTES ON USE

1. The input/output and power supply circuits are provided with high frequency filters to protect from RF interference. Interference can be further reduced by the following;
 - a) Keep the mike cord as far as possible from RF sources. (coax cables, amplifiers, etc.)
 - b) SWR values must be kept at minimum. (less than 1.5)
 - c) Ground the transmitter with a short, thick cable.
2. As the echo or reverb level increases, the ease of understanding (clarity) tends to decrease. Don't overdo the echo.
3. Do not use the echo with a compressor amp or speech processor.



**WARRANTY VOID IF DAMAGE IS
CAUSED BY TOO MUCH PRESSURE
ON CONTROLS**

Wiring Specifications:
Red : Audio output
Shield: Ground
White: PTT Transmit
Blue : PTT Receive
Black : PTT Common