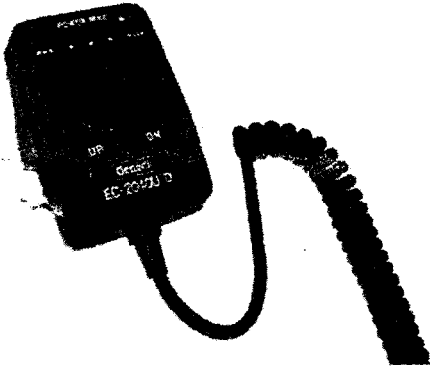




MODEL EC-2040U/D

Power Microphone with Up/Down Channel Controls Setup and Instructions



INTRODUCTION

The EC-2040U/D power microphone features up and down frequency (channel) controls on the microphone. These up and down controls allow the operator to change channels without touching the radio -- a great convenience while driving! The EC-2040U/D is also a power microphone with output level control. The power microphone feature increases the audio output of the radio's transmissions and gives the operator that extra edge on crowded channels. Like all RF Limited microphones the EC-2040U/D is made of rugged, high impact polystyrene and features a premium, soft neoprene coiled microphone cord. The EC-2040U/D is the perfect upgrade from a standard stock microphone!

SPECIFICATIONS

Sensitivity	: -29dB @ 1kHz
Frequency Response	: 150 - 4,800 Hz
Impedance	: 1K ohm @ 1kHz
Microphone Element	: Electret Condensor
Power Requirement	: 9 Volt Battery
Dimensions	: 2.5" x 3.5" x 1" (W x L x D)

SETUP

- 1) Locate the combination hanger and screw on the back case of the microphone. Turn the screw counter-clockwise and lift off the back case.
- 2) Install a 9 volt battery and re-attach the back case.
- 3) Insert the EC-2040U/D into the radio microphone jack.

Note: "S" wired microphones do not require a battery -- the power is received through the microphone cord from the radio itself. If your microphone is wired "S" please disregard the above setup instructions and proceed to the operation section.

OPERATION

The EC-2040U/D is used just like any other microphone. Press the PTT lever on the left side of the microphone to transmit and speak into the front grill of the microphone. Use the up and down buttons to change channels and use the slide control on the front panel to adjust the output level of the power microphone. The power microphone circuit in the EC-2040U/D will increase the audio level of your transmissions. Please note that it is possible for the EC-2040U/D to "overdrive" the radio. If a squealing noise is heard when transmitting, then the radio is being overdriven. It is necessary to adjust both the output level on the microphone and the microphone gain control on the radio (if available) for maximum modulation and minimum distortion.



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