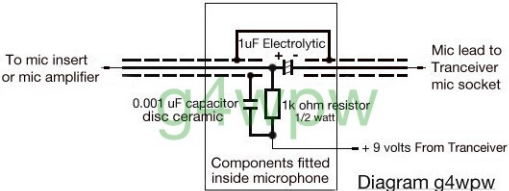


# Modification to enable Icom microphone's to be used on non Icom Tranceivers

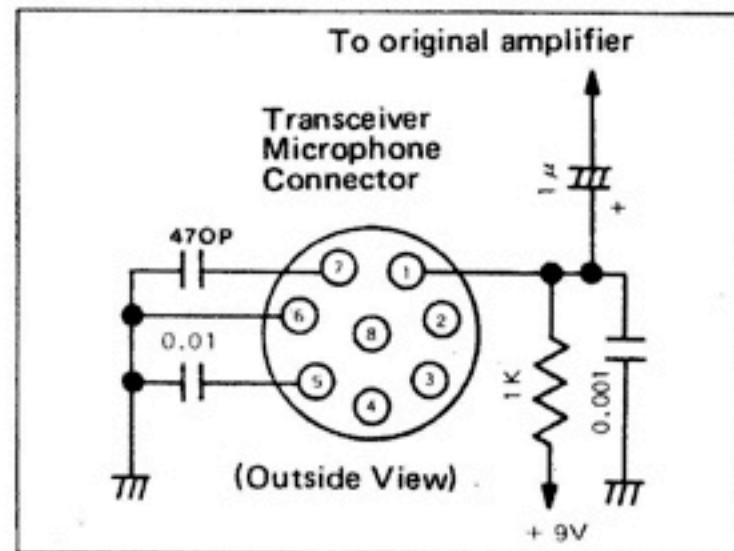


Congratulations on the purchase of DESK MICROPHONE IC-SM5 for new ICOM's transceiver.

This microphone will increase your operating convenience and make operation of the transceiver more enjoyable with clear tone and good pickup capability.

IC-SM5 is an electret condenser type desk microphone with a built-in preamplifier. So, a DC voltage should be applied to the preamplifier. In the IC-SM5 the DC voltage is superimposed on the AF output line.

ICOM transceiver has an 8 pin microphone connector, to accept the IC-SM5 microphone, but other transceiver or transmitter should be modified as per the following schematic chart.



## SPECIFICATIONS

Type	: Electret condenser type
Directional Characteristics	: Uni-directional
Impedance	: 1.3K ohm
Frequency Response	: 400 ~ 10,000 (Hz)
Sensitivity	: -27dB $\pm$ 6dB at 1000Hz (Level control in max. position) 0dB = 1 $\mu$ ber
Weight	: 310g (including Cord and Connector)
Circuit	: As per the following chart

