

**RAYMER**

OPERATING INSTRUCTIONS



MODEL 202 MICROPHONE

DESCRIPTION

Model 202 is a dispatcher type microphone housed in a rugged metal desk stand with a push-to-talk front bar. The microphone contains a dynamic moving coil element, especially designed for high speech intelligibility for use in dispatch, paging and P.A. applications.

Model 202 comes completely wired with a 7' cable, a metal shielded phone plug and control wires for "music mute" circuit operation. A switch is provided to permit operation of the microphone into either a high impedance or low impedance microphone input in amplifiers or paging receivers.

UNPACKING

The unit is to be removed carefully from the carton and inspected for any possible damage in transit. If there is any evidence of any damage which might have occurred in shipment, immediately notify your supplier, or the transportation company which delivered it. Claims for damage sustained in transit must be made upon the carrier. Save all packing material for inspection by the claim agent who will furnish you with the proper forms and will also give you the necessary instructions for filing a claim.

CONNECTION:

Model 202 is completely wired ready for use with any Raymer receiver and most Raymer amplifiers. To install,

insert the microphone plug into microphone input of the amplifier or receiver and connect the two control wires to the "Music Mute" or "MIC PRECEDENCE" terminals. If more than one microphone is used to mute the music while paging, connect the control wires from these microphones in parallel across the "Music Mute" terminals.

Before operating the microphone, make sure that the output impedance of the microphone matches the input impedance of the amplifier. The output impedance of the microphone is selected by a switch located on the under side of the base near the cable entry. To change the impedance, slide the switch in the direction indicated by the markings adjacent to the switch access hole. In the LO-Z position the microphone will match any 50 to 250 ohm input. In the HI-Z position it will match any amplifier with an input impedance of 40,000 ohms or greater.

OPERATION

To operate the microphone, depress the Push-To-Talk bar. The Push-To-Talk switch activates both the microphone circuit and the control circuit. The microphone circuit is normally shorted in the HI-Z position and normally open in the LO-Z position. The control (Music Mute) circuit is normally open.

WARRANTY

THIS UNIT HAS BEEN VERY CAREFULLY INSPECTED AND IS WARRANTED TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP UNDER NORMAL USE AND SERVICE FOR A PERIOD OF ONE YEAR FROM DATE OF SALE TO THE ORIGINAL PURCHASER. THIS WARRANTY DOES NOT EXTEND TO ANY UNIT WHICH BEEN SUBJECT TO ABUSE, MISUSE, NEGLIGENCE, ACCIDENT, IMPROPER INSTALLATION, OR ALTERATIONS. THE OBLIGATION OF CETEC RAYMER UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OF ANY DEFECT IN MATERIAL OR WORKMANSHIP AND/OR THE REPLACEMENT OF ANY DEFECTIVE PART, PROVIDED THE UNIT IS RETURNED TO CETEC RAYMER TRANSPORTATION PREPAID.

IT IS RECOMMENDED THAT ANY UNIT ON WHICH SERVICE IS REQUIRED BE PROCESSED THROUGH YOU DISTRIBUTOR OR INSTALLATION COMPANY WHEREVER POSSIBLE.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON OUR PART. WE NEITHER ASSUME NOR AUTHORIZE ANY OTHER PERSON TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE PRODUCTS MANUFACTURED BY CETEC RAYMER.

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