



212B-2

BROADCAST SPEECH INPUT CONSOLE

INSTRUCTION BOOK

COLLINS RADIO COMPANY CEDAR RAPIDS, IOWA

INSTRUCTION BOOK

for

MODEL 212B-2 BROADCAST SPEECH INPUT CONSOLE

Manufactured By

COLLINS RADIO COMPANY, CEDAR RAPIDS, IOWA

520 9340 00

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GUARANTEE

The equipment described herein is sold under the following guarantee:

Collins agrees to repair or replace, without charge, any equipment, parts, or accessories which are defective as to design, workmanship or material, and which are returned to Collins at its factory, transportation prepaid, provided

- (a) Notice of the claimed defect is given Collins within one (1) year from date of delivery and goods are returned in accordance with Collins' instructions.
- (b) Equipment, accessories, tubes, and batteries not manufactured by Collins or from Collins' designs are subject to only such adjustments as Collins may obtain from the supplier thereof.
- (c) No equipment or accessory shall be deemed to be defective if, due to exposure or excessive moisture in the atmosphere or otherwise after delivery, it shall fail to operate in a normal or proper manner.

Collins further guarantees that any radio transmitter described herein will deliver full radiofrequency power output at the antenna lead when connected to a suitable load, but such guarantee shall not be construed as a guarantee of any definite coverage or range of said apparatus.

The guarantee of these paragraphs is void if equipment is altered or repaired by others than Collins or its authorized service center.

No other warranties, expressed or implied, shall be applicable to any equipment sold hereunder, and the foregoing shall constitute the Buyer's sole right and remedy under the agreements in this paragraph contained. In no event shall Collins have any liability for consequential damages, or for loss, damage or expense directly or indirectly arising from the use of the products, or any inability to use them either separately or in combination with other equipment or materials, or from any other cause.

HOW TO RETURN MATERIAL OR EQUIPMENT. If, for any reason, you should wish to return material or equipment, whether under the guarantee or otherwise, you should notify us, giving full particulars including the details listed below, insofar as applicable. If the item is thought to be defective, such notice must give full information as to nature of defect and identification (including part number if possible) of part considered defective. (With respect to tubes we suggest that your adjustments can be speeded up if you give notice of defect directly to the tube manufacturer.) Upon receipt of such notice, Collins will promptly advise you respecting the return. Failure to secure our advice prior to the forwarding of the goods or failure to provide full particulars may cause unnecessary delay in handling of your returned merchandise.

ADDRESS:

Collins Radio Company
Sales Service Department
Cedar Rapids, Iowa

INFORMATION NEEDED:

- (A) Type number, name, and serial number of equipment
- (B) Date of delivery of equipment
- (C) Date placed in service
- (D) Number of hours of service
- (E) Nature of trouble
- (F) Cause of trouble if known
- (G) Part number (9 or 10 digit number) and name of part thought to be causing trouble
- (H) Item or symbol number of same obtained from parts list or schematic
- (I) Collins' number (and name) of unit sub-assemblies involved in trouble
- (J) Remarks

HOW TO ORDER REPLACEMENT PARTS. When ordering replacement parts, you should direct your order as indicated below and furnish the following information insofar as applicable. To enable us to give you better replacement service, please be sure to give us complete information.

ADDRESS:

Collins Radio Company
Sales Service Department
Cedar Rapids, Iowa

INFORMATION NEEDED:

- (A) Quantity required
- (B) Collins' part number (9 or 10 digit number) and description
- (C) Item or symbol number obtained from parts list or schematic
- (D) Collins' type number, name, and serial number of principal equipment
- (E) Unit sub-assembly number (where applicable)

212A-1, 212B-1 and 212B-2

ERRATA

The Transformer and Reactor Details diagram, figure 7-8 in the 212A-1 and 212B-2 books and figure 7-9 in the 212B-1 book, is in error regarding alternate transformer T101 and T103. This transformer, bearing part number 677 0065 00, has 250 ohms impedance between terminals 5 and 8.

References to this transformer and its impedances in Sections I and II are correct.

June 17, 1954

212A-1, 212B-1, and 212B-2

ADDENDA

Alternate sources of supply have been obtained for transformer T-501 and filter reactors L-501 and L-502 in the 409U-1 and 409U-2 Power Supplies. If it becomes necessary to order replacements for these items, it is suggested that the part number stamped on the defective component be checked and replacements ordered as follows:

T-501

If part number is 662 0132 00, order 662 0132 00.

If part number is 672 0121 00, order 506 4285 002.

L-501 or L-502

If part number is 668 0131 00, order 668 0131 00.

If part number is 678 0125 00, order 506 4286 002.