

Television and Radio Service Bulletin

GENERAL MERCHANDISE OFFICE

Insert NOW in
Radio Service Manual
as: Data Sheet No.

KITCHENER

May 11, 1961

SATELLITE SPEAKER MODIFICATION

VIKING MODELS RCS 450, 451, 456, 457, 472, 473

The above Viking models may be modified for use with Satellite speakers. The modification may be carried out in either of two ways depending on whether you wish to retain the present remote speaker and switch facility for the customer. The original facilities provided by the jacks on the back of the set will be changed as follows when the modification is complete.

MODIFICATION ONE - (a) Companion Speaker Jack - for use with Satellite only.

(b) Remote speaker jack and switch - inoperative.

MODIFICATION TWO - (a) Companion Speaker Jack - for use with Satellite only.

(b) Remote speaker jack and switch - will operate normally.

In either case, when the Satellite speakers are removed, the speakers in the set will revert to normal operation.

Both modifications require the addition of the following parts:

| <u>Quantity</u> | <u>Part Number</u> | <u>Description</u> |
|-----------------|--------------------|-----------------------|
| 2 | 24-130002-02 | 6.5 mh choke |
| 2 | 44-5-05 | 50 mfd 10 V condenser |

The parts are available from our Service Department in Kitchener. The modifications are outlined in the attached instructions.

Yours very truly,

Dominion ELECTROHOME Industries Limited

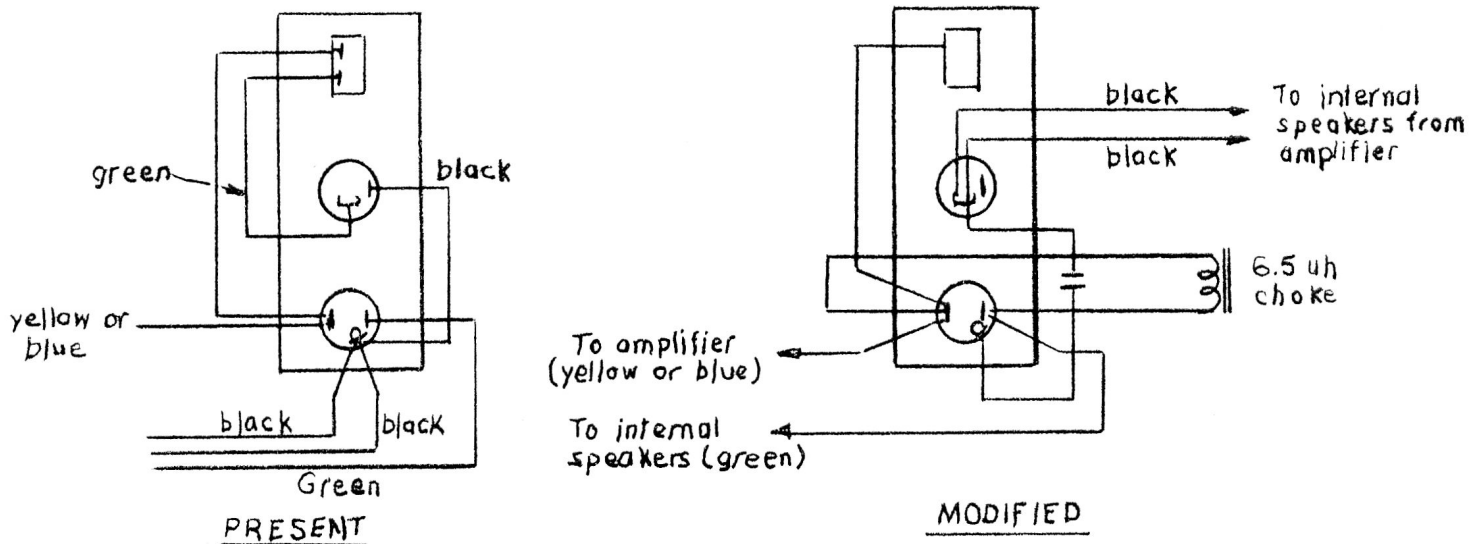


D. Kehn
Supervisor, Field Service

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MODIFICATION ONE

1. On each side of the back of the cabinet there is a metal bracket incorporating two speaker jacks and a switch. The jack in the centre of the bracket is for a remote speaker. This facility must be deleted to make the modification conveniently. Disconnect and remove the black jumper wire between this jack and the ground on the other jack. Disconnect and remove the green wire from the centre pin of this jack to the switch.
2. The companion speaker jack at the bottom of the metal bracket will be used for the Satellite speaker. Connect a 6.5 mh choke, our part number 24-130002-02 across the contacts of this jack. The choke may be mounted with wood screws below the bracket.
3. Remove the remaining two black wires from the ground lug on the companion speaker jack and connect to the centre pin of the other speaker jack. This will be used as a tie point.
4. Connect a 50 mfd ten volt condenser, part number 44-5-05, from this tie point to the ground lug on the companion speaker jack. This is a specially selected condenser for this application, consequently we do not recommend the use of a standard replacement type.
5. Repeat all of these steps on the opposite stereo channel.
6. The present wiring and modified circuit are shown below:



MODIFICATION TWO

1. Connect a 6.5 mh choke across the companion speaker jacks as in item two above.
2. Remove the cover from the Satellite speakers and install the 50 mfd ten volt condenser in series with the speaker. Replace cover.
3. Use the companion speaker jacks for the Satellite speakers.