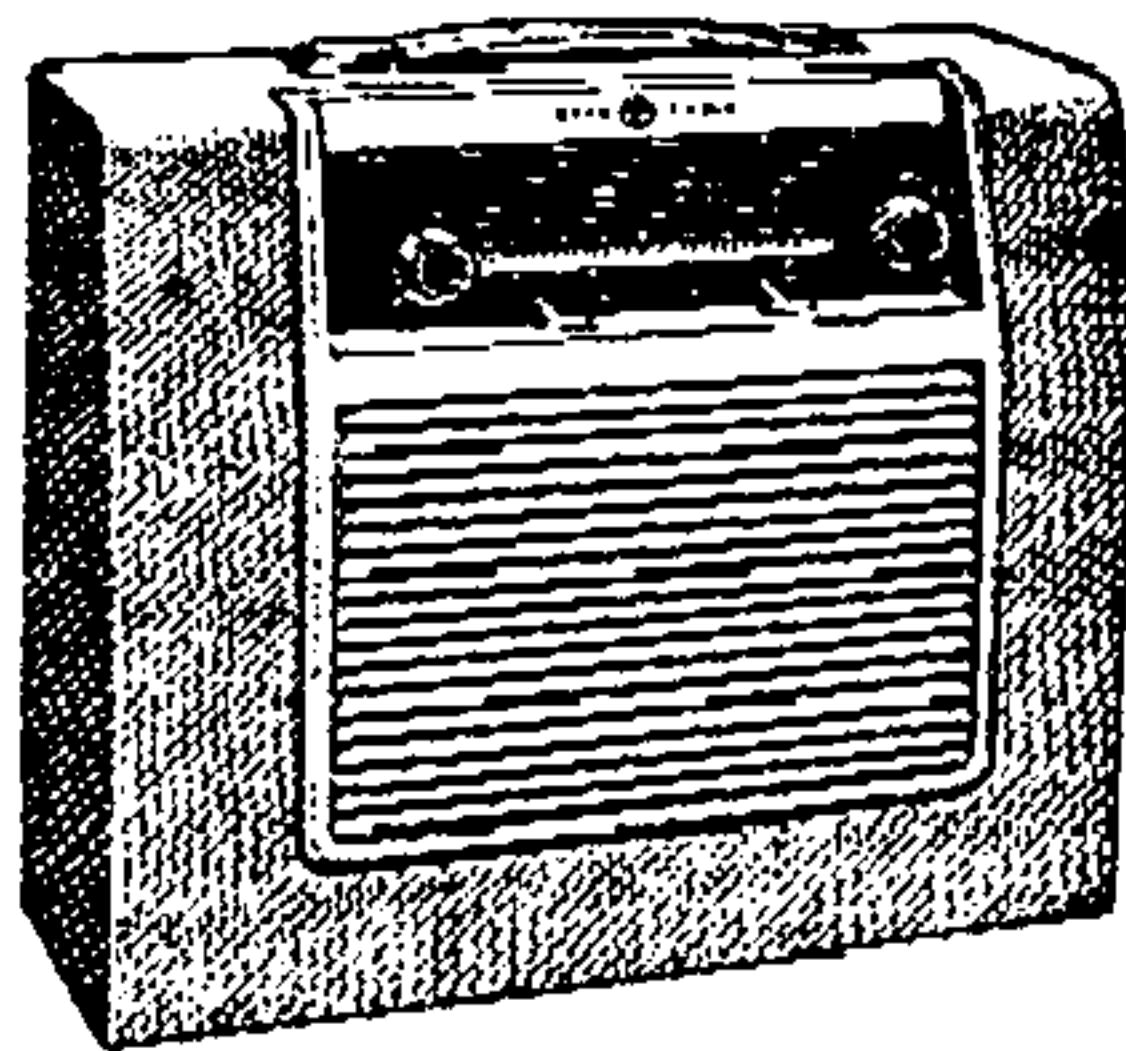


# EKGO

## *Installation and Operation Instructions*

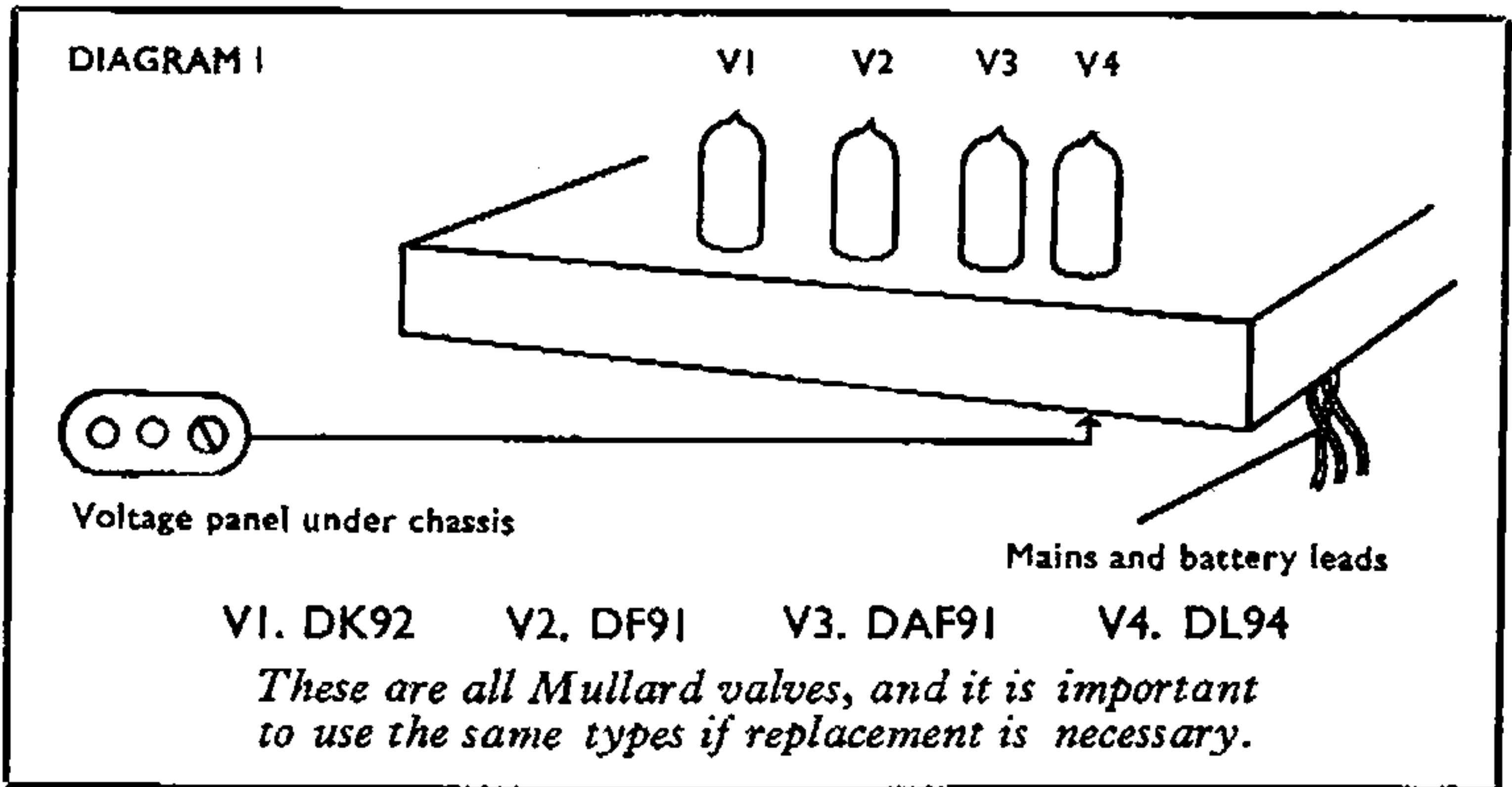


## *MODEL MBP183*

*This receiver is for operation from 200/250 volts A.C. mains, 50/100 cycles, or D.C. mains 200/250 volts or its own self-contained batteries.*

*It is dangerous to connect the receiver to the electricity supply unless the back cover is in position. Always disconnect the receiver completely from the mains before opening the back.*

# GENERAL NOTES

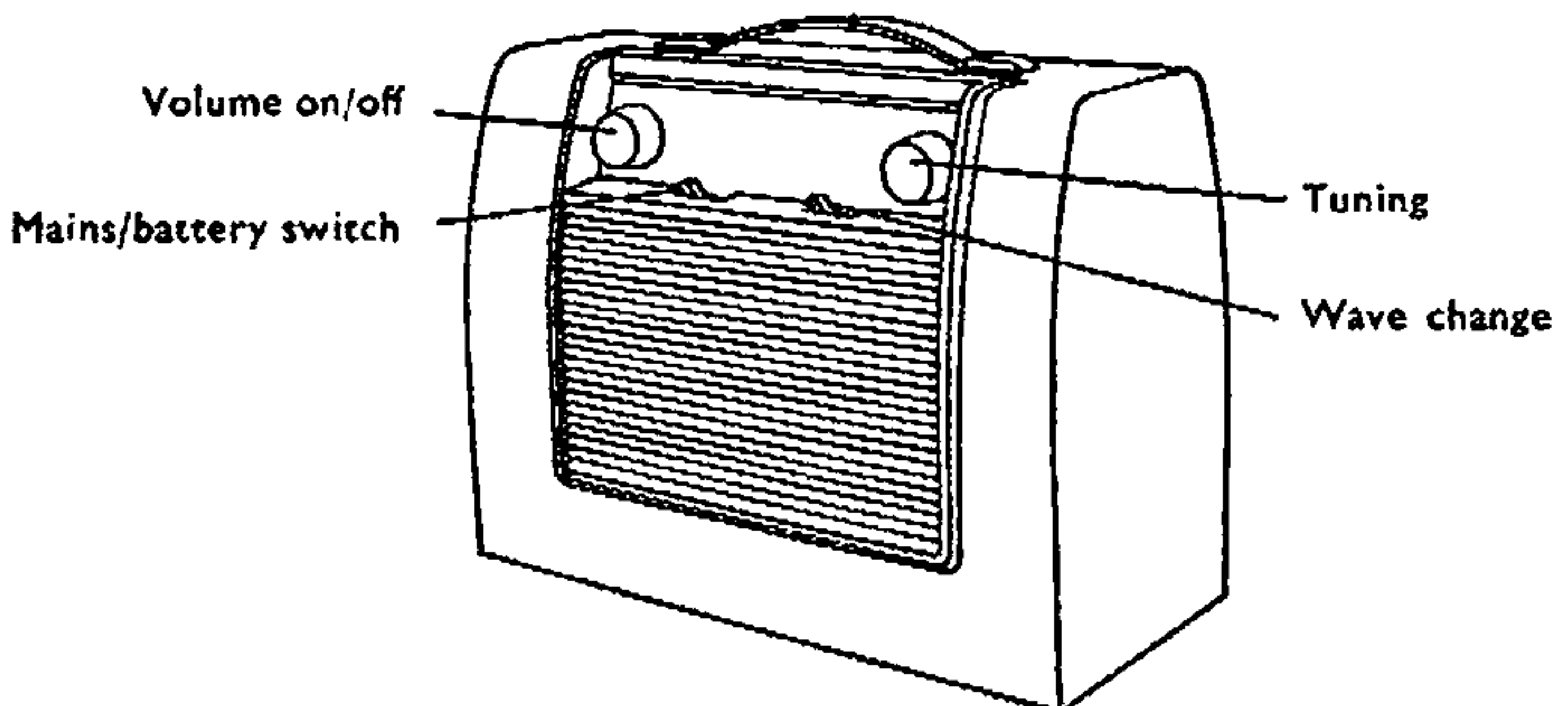


There are two back covers, the lower one, held in place by two screws, gives access to the battery compartment and mains voltage adjustment. Removing the lower cover exposes two further screws which secure the upper cover in place. (See Diagram 4.)

For battery operation, install H.T. and L.T. batteries as shown in Diagram 4. Suitable batteries are : Ever Ready All Dry 31, 7.5v. (L.T.), Drydex H 1146, 90v. (H.T.).

**WARNING.**—Always disconnect the receiver from the mains before removing either back cover.

DIAGRAM 2



## OPERATION ON MAINS

1. Check that the voltage tapping under the chassis (see Diagram 1) is correctly adjusted to the voltage nearest to that of the mains on which the set is to operate. Tappings are provided for 200/210v., 220/230v. and 240/250v.
2. Bring the mains lead out from inside the case.
3. Connect the mains lead to the nearest convenient electricity socket.
4. Switch the mains battery switch (See Diagram 2) to mains.
5. Switch on by means of the On/Off volume control (See Diagram 2).
6. Select the waveband required by means of the two position wavechange switch (See Diagram 2).
7. Tune in the station required by means of the tuning control (See Diagram 2). The vertical pointer moves across the tuning scale which is colour-coded to the wavechange switch.
8. Adjust to the desired volume by means of volume control.

The following wavelengths are provided: Medium 190—570 metres; Long 1000—2100 metres.

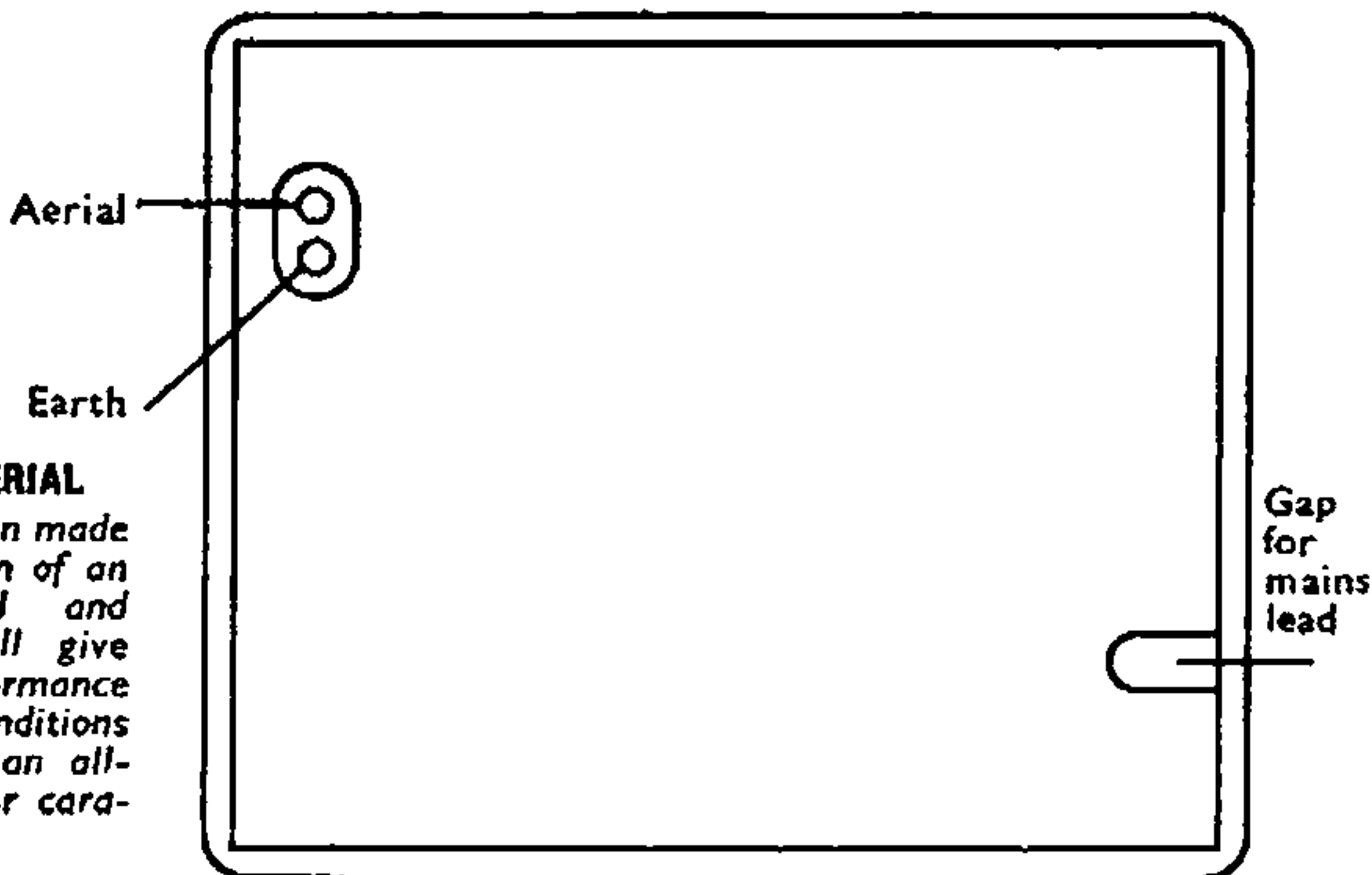
**Note.**—When operating on D.C. mains it may be necessary to reverse the mains plug in its socket.

## OPERATION ON BATTERIES

Simply switch the mains/battery switch (See Diagram 2) to battery, then proceed as for mains operation above.

**NOTE.**—As the receiver incorporates a highly efficient directional twin-frame aerial system, the entire instrument should be moved round until the maximum volume is obtained.

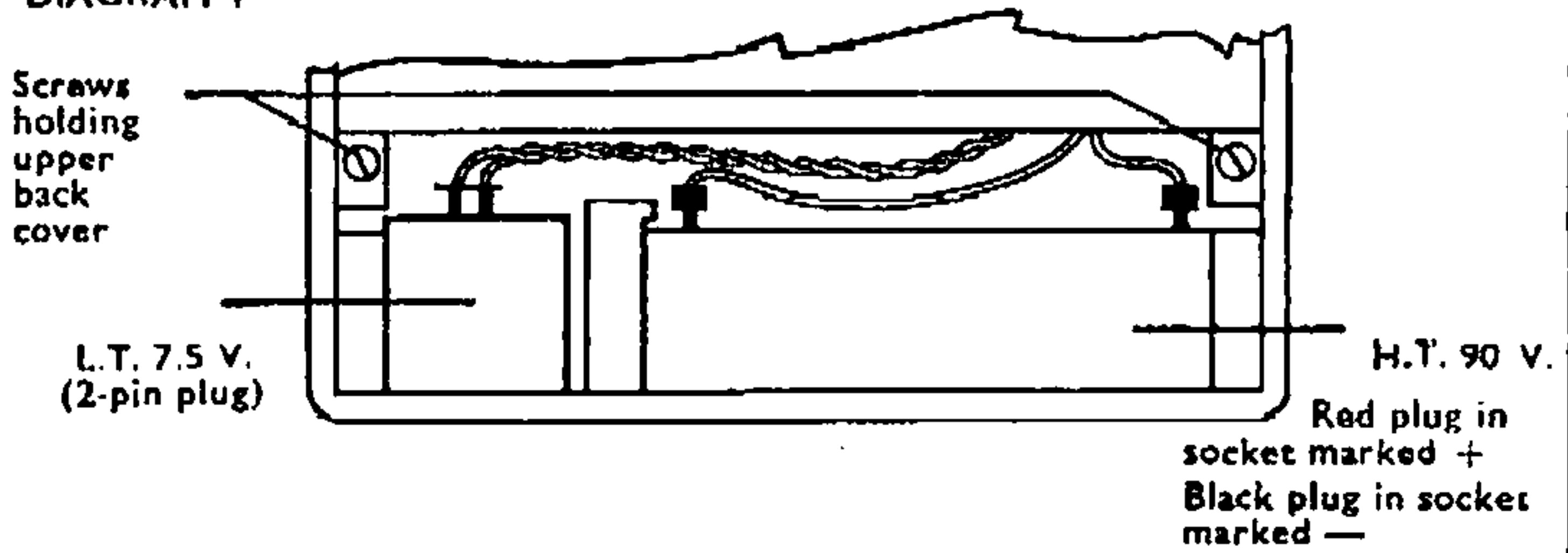
DIAGRAM 3



### EXTERNAL AERIAL

*Provision has been made for the connection of an External Aerial and Earth which will give improved performance under some conditions such as inside an all-metal building or caravan etc.*

DIAGRAM 4



## CHANGING BATTERIES

(See Diagram 4)

**Important** Although double pole switching is incorporated for safety, the receiver should always be disconnected from the mains when changing batteries.

**On no account should the upper or lower back cover be removed without first disconnecting the mains.**

1. With the mains disconnected, switch the receiver off.
2. Remove the lower back cover.
3. Disconnect the plugs from the batteries and withdraw them from the case.
4. Replace batteries.
5. Connect leads to battery sockets.

## BATTERY LIFE

The circuits of the receiver are designed for economical battery consumption. The user will be warned that new batteries are required by lessening of the available volume on battery operation, and the L.T. battery should be renewed first in most cases.

## CLEANING

*The case of the MBP183 is easy to keep clean with soap and water. Bad stains can be removed with a few drops of paraffin on a clean rag. On no account should waxes, creams or polishes be used.*

*Ekco is renowned for its pre-eminence in the practical application of all the best technique in radio and television.*

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